



Informatica® PowerExchange  
10.5.1

# Message Reference Volume 2

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# Preface

Use the *Informatica® PowerExchange® Message Reference Volume 2* to look up information about PowerExchange messages in the ranges PWX-10000 to PWX-37999, DTL\_BMG003 to DTL\_RPS105I, and PWXPC\_10000 to PWXPC\_12199, including explanations, system actions, and user responses. This reference also describes messages from infacmd pwx commands and PowerExchangeabend, return, and reason codes.

If you customized the default message prefix of "PWX" in the MSGPREFIX statement in the PowerExchange DBMOVER configuration file, use your custom prefix instead of "PWX" when looking up a message.

For information about additional PowerExchange messages, see *PowerExchange Message Reference Volume 1* and *PowerExchange Message Reference Volume 3*.

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To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.

# CHAPTER 1

## PWX-10000 to PWX-10999

This chapter includes the following topic:

- [PWX-10000 to PWX-10999, 8](#)

## PWX-10000 to PWX-10999

### **PWX-10000 DTERIOM function not implemented.**

Explanation: The repository access module received a request that is not implemented.

System Action: An error is returned to the requesting software.

User Response: Report the message to Informatica Global Customer Support.

### **PWX-10001 DTERIOM wrong number of parms for call 'request\_mnemonic', number\_of\_parms received, number\_of\_parms expected.**

Explanation: The repository access module received a request with an unexpected number of parameters.

System Action: An error is returned to the requesting software.

User Response: Report the message to Informatica Global Customer Support.

### **PWX-10002 DTERIOM unsupported encoded command (request\_mnemonic).**

Explanation: The repository access module received an encoded command request that is not supported.

System Action: An error is returned to the requesting software.

User Response: Report the message to Informatica Global Customer Support.

### **PWX-10003 DTERIOM invalid encoded command request buffer.**

Explanation: The repository access module received an encoded command request with improperly formed buffer.

System Action: An error is returned to the requesting software.

User Response: Report the message to Informatica Global Customer Support.

### **PWX-10004 DTERIOM invalid convert buffer.**

Explanation: The repository access module received a request with an improperly formed convert buffer.

System Action: An error is returned to the requesting software.



User Response: Report the message to Informatica Global Customer Support.

**PWX-10005 DTERIOM unsupported database type ('character\_value' X'hex\_value').**

Explanation: The repository access module received a request with an unsupported database type.

System Action: An error is returned to the requesting software.

User Response: Report the message to Informatica Global Customer Support.

**PWX-10006 DTERIOM in-memory repository error.**

Explanation: The repository access module was unable to allocate memory.

System Action: An error is returned to the requesting software.

User Response: Report the message to Informatica Global Customer Support.

**PWX-10007 DTERIOM reply buffer is too small.**

Explanation: The repository access module was unable to generate a response because the reply buffer was too small.

System Action: An error is returned to the requesting software.

User Response: Report the message to Informatica Global Customer Support.

**PWX-10008 DTERIOM repository open error (run-time\_error\_text)**

Explanation: The repository access module encountered an error when attempting to open the repository.

System Action: The repository is not opened.

User Response: Attempt to correct the problem based on the *run-time\_error\_text*.

**PWX-10009 DTERIOM repository info error (run-time\_error\_text)**

Explanation: The repository access module encountered an error when attempting to retrieve information about the repository file.

System Action: The repository is not processed.

User Response: Attempt to correct the problem based on the *run-time\_error\_text*.

**PWX-10010 DTERIOM repository data error (error\_description)**

Explanation: The repository access module encountered an error when attempting to retrieve data from the repository file.

System Action: The repository is not processed.

User Response: Use the error text to correct the problem.

**PWX-10011 DTERIOM already exited**

Explanation: The repository access module is being called after it has ended.

System Action: The system returns an error to the calling software.

User Response: Report the message to Informatica Global Customer Support.

<b>PWX-10012</b>	<b>DTERIOM subtask error: <i>error_text</i></b>
Explanation:	The repository access module's helper subtask has encountered an error. This error is reported by the main module.
System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on the error text.
<b>PWX-10013</b>	<b>DTERIOM unknown repository subtask error</b>
Explanation:	The repository access module's helper subtask has abnormally ended. This error is reported by the main module.
System Action:	The system returns an error to the calling software.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10014</b>	<b>DTERIOM repository subtask initialization error</b>
Explanation:	The repository access module's helper subtask has encountered an error before completing initialization. This error is reported by the main module.
System Action:	The system returns an error to the calling software.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10015</b>	<b>DTERIOM CRAM_Get_Registration_List failed</b>
Explanation:	The repository access module encountered an error when attempting to retrieve capture registration information.
System Action:	The repository is not processed.
User Response:	Attempt to correct the problem based on other error messages that are issued.
<b>PWX-10016</b>	<b>DTERIOM CRLD_Start_Load_Session failed</b>
Explanation:	The repository access module encountered an error when attempting to retrieve capture registration information.
System Action:	The repository is not processed.
User Response:	Attempt to correct the problem based on other error messages that are issued.
<b>PWX-10017</b>	<b>DTERIOM CRLD_LoadCR failed</b>
Explanation:	The repository access module encountered an error when attempting to retrieve capture registration information.
System Action:	The repository is not processed.
User Response:	Attempt to correct the problem based on other error messages that are issued.
<b>PWX-10018</b>	<b>DTERIOM IMR_Add... failed</b>
Explanation:	The repository access module encountered an error when attempting to store capture registration information.
System Action:	The repository is not processed.
User Response:	Attempt to correct the problem based on other error messages that are issued.

<b>PWX-10019</b>	<b>DTERIOM RRM_GetRegDataCols(pCReg) object count conflict</b>
Explanation:	The repository access module encountered an error when attempting to retrieve capture registration information.
System Action:	The repository is not processed.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10020</b>	<b>DTERIOM column definition invalid (table <i>instance_name.owner_name.table_name</i> column <i>column_name</i>)</b>
Explanation:	The repository access module encountered an error when attempting to retrieve capture registration information. The column in the table specified has invalid attributes.
System Action:	The repository is not processed.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10021</b>	<b>DTERIOM not all columns registered (table <i>instance_name.owner_name.table_name</i>)</b>
Explanation:	The repository access module encountered an error when attempting to retrieve capture registration information. The column in the table specified has invalid attributes.
System Action:	The repository is not processed.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10022</b>	<b>DTERIOM data set name required on OPEN command</b>
Explanation:	The repository access module received an OPEN command without a data set name.
System Action:	The system returns an error to the calling software.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10023</b>	<b>DTERIOM repository subtask request error</b>
Explanation:	The repository access module's helper subtask encountered request error.
System Action:	The system returns an error to the calling software.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10024</b>	<b>DTERIOM repository already open</b>
Explanation:	The repository access module received an OPEN command when the repository was already believed to be open.
System Action:	The system returns an error to the calling software.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10025</b>	<b>DTERIOM repository alloc failed (error <i>X'error_code'</i>, info <i>X'info_code'</i>)</b>
Explanation:	The repository access module encountered an error when attempting to dynamically allocate the repository data set.
System Action:	The repository is not processed.
User Response:	Attempt to correct the problem based on the error and information codes. For more information about the error and information codes, see the IBM document, <i>MVS Programming Authorized Assembler Services Guide</i> .

<b>PWX-10026</b>	<b>DTERIOM repository dealloc failed (error X'error_code', info X'info_code')</b>
Explanation:	The repository access module encountered an error when attempting to dynamically deallocate the repository data set.
User Response:	Attempt to correct the problem based on the error and information codes. For more information about the error and information codes, see the IBM document, <i>MVS Programming Authorized Assembler Services Guide</i> .
<b>PWX-10027</b>	<b>DTERIOM data set is not a PowerExchange repository</b>
Explanation:	The repository access module determined that the data set specified is not a PowerExchange repository.
System Action:	The data set is not used.
User Response:	Specify the correct data set name.
<b>PWX-10028</b>	<b>DTERIOM duplicate registration tag (capture type 'type' name 'name')</b>
Explanation:	The repository access module encountered two different capture registrations with the same registration tag.
System Action:	The repository is not processed.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10029</b>	<b>DTERIOM same object has different registration tags</b>
Explanation:	The repository access module encountered the same capture registration object with different registration tags.
System Action:	The repository is not processed.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10030</b>	<b>DTERIOM no capture registrations loaded</b>
Explanation:	The repository access module did not find any capture registrations in the repository.
User Response:	If correct, ignore, otherwise report the message to Informatica Global Customer Support.
<b>PWX-10031</b>	<b>DTERIOM config open error (run-time_error_text)</b>
Explanation:	The repository access module encountered an error when attempting to open the repository access configuration file.
System Action:	The repository configuration is not processed.
User Response:	Attempt to correct the problem based on the <i>run-time_error_text</i> .
<b>PWX-10032</b>	<b>DTERIOM config read error (return_code)</b>
Explanation:	The repository access module encountered an error when attempting to read the repository access configuration file.
System Action:	The repository configuration is not processed.
User Response:	Attempt to correct the problem based on the <i>run-time_error_text</i> .

<b>PWX-10033</b>	<b>DTERRIOM config line <i>line_number</i> more than <i>nnn</i> characters (<i>line_text</i>)</b>
Explanation:	The repository access module encountered a line in the repository access configuration file that was longer than the maximum allowed.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10034</b>	<b>DTERRIOM config line <i>line_number</i> no keyword/value separator (<i>line_text</i>)</b>
Explanation:	The repository access module encountered a line in the repository access configuration file that did not contain a keyword/value separator character.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10035</b>	<b>DTERRIOM config line <i>line_number</i> keyword <i>keyword</i> unknown</b>
Explanation:	The repository access module encountered a line in the repository access configuration file that contained an unknown keyword.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10036</b>	<b>DTERRIOM config line <i>line_number</i> keyword <i>keyword</i> specified twice</b>
Explanation:	The repository access module encountered a line in the repository access configuration file that contained a keyword specified twice.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10037</b>	<b>DTERRIOM config line <i>line_number</i> keyword <i>keyword</i> value missing</b>
Explanation:	The repository access module encountered a line in the repository access configuration file that contained a keyword without a value.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10038</b>	<b>DTERRIOM config line <i>line_number</i> keyword <i>keyword</i> must be a number from <i>nnn</i> and <i>nnn</i></b>
Explanation:	The repository access module encountered a line in the repository access configuration file that contained a keyword with a numeric value that was out of range.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10039</b>	<b>DTERRIOM config line <i>line_number</i> keyword "<i>keyword</i>" more than "<i>number_of</i>" characters</b>
Explanation:	The repository access module encountered a line in the repository access configuration file that contained a keyword with a string value that was too long.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.

<b>PWX-10040</b>	<b>DTERIOM config keyword '<i>keyword</i>' missing</b>
Explanation:	The repository access module encountered after reading the repository access configuration file determined that a required keyword was not specified.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10041</b>	<b>DTERIOM config keyword '<i>keyword</i>' requires keyword '<i>keyword</i>'</b>
Explanation:	The repository access module encountered after reading the repository access configuration file determined that a keyword required by another keyword was not specified.
System Action:	The repository configuration is not processed.
User Response:	Correct the problem.
<b>PWX-10042</b>	<b>DTERIOM cache <i>data_set_name</i> info error (<i>run-time_error_text</i>)</b>
Explanation:	The repository access module encountered an error when attempting to retrieve information about a repository cache data set.
System Action:	The cache data set is not processed.
User Response:	Attempt to correct the problem based on the <i>run-time_error_text</i> .
<b>PWX-10043</b>	<b>DTERIOM cache <i>data_set_name</i> has invalid format</b>
Explanation:	The repository access module determined that the cache data set specified has an incorrect format.
System Action:	The cache data set is not processed.
User Response:	Correct the problem.
<b>PWX-10044</b>	<b>DTERIOM cache <i>data_set_name</i> serialization error</b>
Explanation:	The repository access module encountered an error when attempting to serialize the cache data set specified.
System Action:	The cache data set is not processed.
User Response:	The problem might be encountered if multiple PowerExchange Agents are using the same cache data sets. If that is not the case, report the message to Informatica Global Customer Support.
<b>PWX-10045</b>	<b>DTERIOM cache <i>data_set_name</i> open error (<i>run-time_error_text</i>)</b>
Explanation:	The repository access module encountered an error when attempting to open a repository cache data set.
System Action:	The cache data set is not processed.
User Response:	Attempt to correct the problem based on the <i>run-time_error_text</i> .
<b>PWX-10046</b>	<b>DTERIOM cache <i>data_set_name</i> write error (<i>run-time_error_text</i>)</b>
Explanation:	The repository access module encountered an error when attempting to write to a repository cache data set.
System Action:	The cache data set is not processed.
User Response:	Attempt to correct the problem based on the <i>run-time_error_text</i> .

<b>PWX-10047</b>	<b>DTERIOM cache identifier error</b>
Explanation:	The repository access module encountered an error while attempting to load capture registrations from a cache data set.
System Action:	The cache data set is not processed.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10048</b>	<b>DTERIOM cache encoding error</b>
Explanation:	The repository access module encountered an error while attempting to write capture registrations to a cache data set.
System Action:	The cache data set is not processed.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10049</b>	<b>DTERIOM CRAM_Get_CCT_Update_TS failed (return_code)</b>
Explanation:	The repository access module encountered an error while attempting to retrieve the current repository update time stamp. This error usually indicates a problem with the repository server.
System Action:	Registrations are not retrieved.
User Response:	Match the return code to the corresponding message in this reference. If you cannot resolve the error, contact Informatica Global Customer Support.
<b>PWX-10050</b>	<b>last error: <i>error_text</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Contains the last error encountered attempting to access capture registrations.
User Response:	See the user response for the original error message.
<b>PWX-10051</b>	<b>refresh active</b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates that a capture registration refresh is in progress.
User Response:	No response is required.
<b>PWX-10052</b>	<b>last refresh attempt <i>time</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates when the last capture registration refresh was performed.
User Response:	No response is required.
<b>PWX-10053</b>	<b>current change identifier "<i>changer_identifier</i>"</b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Displays the current capture registration change identifier.
User Response:	No response is required.
<b>PWX-10054</b>	<b>invalid repository <i>data_set_name</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates that the current repository data set name has an invalid value.
User Response:	Correct the problem.

<b>PWX-10055</b>	<b>configuration type repository <i>data_set_name</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates that the current repository data set is a configuration file.
User Response:	No response is required.
<b>PWX-10056</b>	<b>CCT repository <i>data_set_name</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates that the current repository data set is a PowerExchange CCT data set.
User Response:	No response is required.
<b>PWX-10057</b>	<b>location <i>location</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates that capture registrations are being retrieved from the specified location.
User Response:	No response is required.
<b>PWX-10058</b>	<b>cache (<i>cache_data_set_number</i>) <i>data_set_name</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Displays the number and name of a repository cache data set.
User Response:	No response is required.
<b>PWX-10059</b>	<b>helper subtask inactive, repository closed</b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates that the repository is closed.
User Response:	No response is required.
<b>PWX-10060</b>	<b>helper subtask inactive, cycling</b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command. Indicates that the helper subtask is in the process of restarting.
User Response:	No response is required.
<b>PWX-10061</b>	<b>helper subtask abnormally terminated, <i>code=abend_code</i>, <i>reason=reason_code</i></b>
Explanation:	Displayed in response to the REPSTATUS PowerExchange Agent command or when it is an abnormal termination of the helper subtask is detected.
System Action:	The helper subtask is not restarted.
User Response:	Attempt to determine cause of problem. To restart helper subtask issue REPCLOSE followed by REOPEN commands to PowerExchange Agent. If the problem persists, contact Informatica Global Customer Support.



<b>PWX-10062</b>	<b>memory usage: REGS <i>abend_code registration_memory abend_codeK</i>, VIRT <i>private_areaK</i>, SYS <i>system_areaK</i>, EXT <i>extended_private_areaK</i>, SYS <i>extended_system_areaK</i></b>
Explanation:	Displays the current memory usage similar to IBM message IEF374I. "Registration memory" indicates the current kilobytes dedicated to caching capture registrations.  In the message text: <ul style="list-style-type: none"> <li>• <i>private_area</i> is the maximum kilobytes of storage (high-water mark) that the PowerExchange Agent has used from the user region of the private area.</li> <li>• <i>system_area</i> is the maximum kilobytes of storage (high-water mark) that the PowerExchange Agent has used from the following areas: LSQA, SWA, and high private area.</li> <li>• <i>extended_private_area</i> is the maximum kilobytes of storage (high-water mark) that the PowerExchange Agent has used from the user region of the extended private area. This value includes the current memory usage.</li> <li>• <i>extended_system_area</i> is the maximum kilobytes of storage (high-water mark) that the PowerExchange Agent has used from the following areas: extended LSQA, extended SWA, and extended high private area.</li> </ul>
User Response:	No response is required.
<b>PWX-10063</b>	<b>memory usage: below the line <i>below_percentage%</i>, above the line <i>above_percentage%</i></b>
Explanation:	Displays the current memory usage as a percentage of available storage below and above the line.
User Response:	No response is required.
<b>PWX-10200</b>	<b>CAPI: Internal error: Null token pointer passed to <i>API_routine</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10201</b>	<b>CAPI: No source information was passed to the Consumer API.</b>
Explanation:	The source list for a change extract was invalid missing.
System Action:	The task that encounters the error ends.
User Response:	Correct the source list information and try the request again.
<b>PWX-10202</b>	<b>CAPI: Internal error: Null source interest list pointer passed to <i>CAPI_Connect</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10203</b>	<b>CAPI: Internal error: <i>CAPI_Connect</i> caller specified <i>&lt;n&gt;</i> sources, provided <i>&lt;n&gt;</i> sources.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10204 CAPI: Internal error: CAPI\_Connect caller did not provide a connection profile.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10205 CAPI: Connection profile <"CONN\_NAME"> not found.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The DBMOVER.cfg might be corrupt. Make sure that the value specified for CAPI\_CONN\_NAME is correct. If you cannot resolve the error, contact Informatica Global Customer Support.

**PWX-10206 CAPI: Unable to allocate memory for object\_name.**

Explanation: Insufficient memory resources exist to perform the task.

System Action: The task that encounters the error ends.

User Response: Increase the memory resources available to the task. Contact Informatica Global Customer Support if the error persists.

**PWX-10207 CAPI: Unable to find connection information for Connection profile <connection>.**

Explanation: The CAPI\_CONN\_NAME statement specifies a CAPI\_CONNECTION statement that is not found in the DBMOVER file.

System Action: The task that encounters the error ends.

User Response: Correct the values in the DBMOVER file.

**PWX-10208 CAPI: Unable to load connection dll <DLLNAME>.**

Explanation: The DLL specified was not found.

System Action: The task that encounters the error ends.

User Response: Verify that the CAPI\_CONNECTION statement in DBMOVER.cfg is correct. If you cannot resolve the error, contact Informatica Global Customer Support.

**PWX-10211 CAPI: Internal error: No token was passed to API\_routine.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10212 CAPI: API Token has invalid eyecatcher <xxx>.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10213 CAPI: API Token version <nn.nn.nn.nn> less than required minimum <nn.nn.nn.nn>**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10214 CAPI: Cannot process <call\_type> call due to a prior error in the API.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10215 CAPI: Internal error: <call\_type> call must succeed before <call\_type> call can be attempted.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10216 CAPI: Internal error: <call\_type> call was already successfully completed.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10217 CAPI: Internal error: No enumerator was passed to <function\_name>.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10218 CAPI: Internal error: No return data pointer was passed to <API\_routine>.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10219 CAPI: Internal error: Open Consumer API connection must be closed before disconnect is attempted.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10220</b>	<b>CAPI: Internal error: Cannot issue &lt;call_type&gt; call after &lt;call_type&gt; call has been issued.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10221</b>	<b>CAPI: Internal error: Source restart info not passed to &lt;API_routine&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10222</b>	<b>CAPI: Internal error: Invalid Source restart object info passed to &lt;API_routine&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10223</b>	<b>CAPI: Internal error: source-tag not found in interest list.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10224</b>	<b>CAPI: Function &lt;function_name&gt; not implemented for this connection type.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error continues.
User Response:	No response is required.
<b>PWX-10225</b>	<b>CAPI: No DLL specified in connection profile &lt;CAPI_CONN_NAME&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10226</b>	<b>CAPI: Internal error: &lt;call_type&gt; call must be done before &lt;API_call&gt; call.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

<b>PWX-10227</b>	<b>CAPI: Internal error: Required routine&lt;routine_name&gt; not implemented in CAPIINT.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10228</b>	<b>CAPI: Warning: Termination handle <i>handle_name</i> failed for &lt;function&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error continues.
User Response:	The task might not terminate cleanly. Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10229</b>	<b>CAPI: Internal error: Zero length for SequenceInfo invalid.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10230</b>	<b>CAPI: Warning: Low SequenceInfo and low Restartinfo found in different restart tokens.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error continues.
User Response:	There is a possible inconsistency in restart object values. Verify that the restart values are correct.
<b>PWX-10231</b>	<b>CAPI: Internal error: Zero length for RestartInfo invalid.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10232</b>	<b>CAPI: Internal error: Invalid Restart Sequence returned from read: Inconsistent length or does not ascend.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10233</b>	<b>CAPI: Internal error: No data passed to routine <i>routine_name</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

<b>PWX-10234</b>	<b>CAPI: Internal error: Invalid data type &lt;data_type&gt; passed to routine routine_name.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10235</b>	<b>CAPI: Internal error: Invalid extended data type &lt;data_type&gt; passed to routine routine_name.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10236</b>	<b>CAPI: Internal error: Extended data type &lt;data_type&gt; passed to routine routine_name invalid for this consumer.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10237</b>	<b>CAPI: Internal error: Unexpected data for data type &lt;data_type&gt; passed to routine routine_name.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10238</b>	<b>CAPI: Internal error: Required data for data type &lt;data_type&gt; not passed to routine routine_name.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10239</b>	<b>CAPI: Internal error: Invalid record type &lt;record_type&gt; passed to routine routine_name.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10240</b>	<b>CAPI: ERROR: No attribute info supplied to LRP interface.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10241 CAPI: WARNING: Unrecognized attribute <name:value> passed to LRP interface.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error continues.

User Response: No response is required.

**PWX-10242 CAPI: ERROR: No input queue identifier in attribute list passed to LRP interface.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10243 CAPI: ERROR: Common services connect failed. Return Code : rc Reason Code: reason\_code.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual.

**PWX-10244 CAPI: ERROR: No platform Token.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10245 CAPI: ERROR: Not connected.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10246 CAPI: ERROR: Queue open failed. Return Code : rc Reason Code: reason\_code.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual.

**PWX-10247 CAPI: ERROR: Command Queue open failed. Return Code : rc Reason Code: reason\_code.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual.

**PWX-10248 CAPI: ERROR: Queue close failed. Return Code : rc Reason Code: *reason\_code*.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual.

**PWX-10249 CAPI: ERROR: Command Queue close failed. Return Code : rc Reason Code: *reason\_code*.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual.

**PWX-10250 CAPI: ERROR: CS info call failed. Return Code : rc Reason Code: *reason\_code*.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Review the return and reason codes.

**PWX-10251 CAPI: ERROR: Input Queue not found in PAC.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Verify that the PAC task specified in the PARM is correct for this process. If you cannot resolve the error, contact Informatica Global Customer Support.

**PWX-10252 CAPI: ERROR: Common services disconnect failed. Return Code : rc Reason Code: *reason\_code*.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual.

**PWX-10254 CAPI: ERROR: Read Queue token missing or invalid.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10255 CAPI: ERROR: Source list missing or invalid.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.



User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10256 CAPI: ERROR: Restart token missing or invalid.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10257 CAPI: ERROR: Non standard record format received.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10258 CAPI: ERROR: Restart request not sent.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-10259 CAPI: WARNING: Queue closed before EOF encountered.**

Explanation: EOF was not received from LRP within the timeout period specified in the EDM parameters.

System Action: The task that encounters the error continues.

User Response: Increase the value specified in the PACTIMR parameter. Contact Informatica Global Customer Support if it persists.

**PWX-10260 CAPI: ERROR: Interest list encoded command put failed. Return Code : rc Reason Code: reason\_code.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in PowerExchange Change Capture Messages Reference.

**PWX-10261 CAPI: ERROR: Request transaction encoded command put failed. Return Code : rc Reason Code: reason\_code.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action: The task that encounters the error ends.

User Response: The return and reason codes are documented in PowerExchange Change Capture Messages Reference.

**PWX-10262 CAPI: ERROR: Timer set failed. Return Code : rc Reason Code: reason\_code.**

Explanation: A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10263</b>	<b>CAPI: ERROR: Timer cancel failed. Return Code : rc Reason Code: <i>reason_code</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10264</b>	<b>CAPI: ERROR: Wait call failed. Return Code : rc Reason Code: <i>reason_code</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10265</b>	<b>CAPI: ERROR: Read from LRP connection failed. Return Code : rc Reason Code: <i>reason_code</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	The return and reason codes are documented in PowerExchange Change Capture Messages Reference.
<b>PWX-10266</b>	<b>CAPI: ERROR: Set restart object failed.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10267</b>	<b>CAPI: ERROR: Get store clock value failed. Return Code : rc.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10274</b>	<b>CAPI: ERROR: Error setting after data token.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10275</b>	<b>CAPI: ERROR: Command Queue token missing or invalid.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10276</b>	<b>CAPI: ERROR: Record data inconsistent with function INSERT.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10277</b>	<b>CAPI: ERROR: Record data inconsistent with function UDPATE.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10278</b>	<b>CAPI: ERROR: Record data inconsistent with function DELETE.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10279</b>	<b>CAPI: ERROR: Event Mark call failed. Return Code : <i>rc</i> Reason Code: <i>reason_code</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual. Inspect the EDMMSG for further information.
<b>PWX-10280</b>	<b>CAPI: ERROR: Log Queue not found in PAC.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that the PAC task specified in the parameter is correct for this process. If you cannot resolve the error, contact Informatica Global Customer Support.
<b>PWX-10281</b>	<b>CAPI: ERROR: No Log Queue defined to PAC.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that the PAC task specified in the parameter is correct for this process. If you cannot resolve the error, contact Informatica Global Customer Support.
<b>PWX-10282</b>	<b>CAPI: ERROR: CS EDMSDIR get call failed. Return Code : <i>return_code</i> Reason Code: <i>reason_code</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action:	The task that encounters the error ends.
User Response:	The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual. Inspect the EDMMSG for further information.
<b>PWX-10283</b>	<b>CAPI: ERROR: No Input Queue defined to PAC.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that the PAC task specified in the parameter is correct for this process. If you cannot resolve the error, contact Informatica Global Customer Support.
<b>PWX-10284</b>	<b>CAPI: ERROR: No input queue identifier in attribute list passed to LRP interface.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10285</b>	<b>CAPI: ERROR: Shutdown Request encoded command put failed. Return Code : rc Reason Code: reason_code.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual. Inspect the EDMMSG for further information.
<b>PWX-10286</b>	<b>CAPI: ERROR: PowerExchange Logger disconnect request failed. Return Code: return_code Reason Code: reason_code.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Review the return and reason codes and the EDMMSG messages for additional information.
<b>PWX-10287</b>	<b>CAPI: ERROR: PACINFO call failed. Return Code : return_code Reason Code: reason_code.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	The return and reason codes are documented in the Return Codes and Reason Codes sections of this manual. Inspect the EDMMSG for further information.
<b>PWX-10288</b>	<b>CAPI: ERROR: Command connection not valid for GenRestart.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that the PAC task specified in the parameter is correct for this process. If you cannot resolve the error, contact Informatica Global Customer Support.
<b>PWX-10289</b>	<b>CAPI: ERROR: Unknown command record format read.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.

System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10291</b>	<b>CAPI: ERROR: No Log attribute supplied.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10292</b>	<b>CAPI: ERROR: Log Read API &lt;call_type&gt; call failed. Return Code : <i>return_code</i> Reason Code: <i>reason_code</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Review the EDMMSG log for additional information. Verify the status of the PowerExchange Logger and PowerExchange Agent. If you cannot resolve the problem, contact Informatica Global Customer Support.
<b>PWX-10293</b>	<b>CAPI: ERROR: Log Write API &lt;call_type&gt; call failed. Return Code : <i>return_code</i> Reason Code: <i>reason_code</i>.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Inspect the EDMMSG log for further information. Verify the status of the PowerExchange Logger and PowerExchange Agent. If you cannot resolve the problem, contact Informatica Global Customer Support.
<b>PWX-10294</b>	<b>CAPI: ERROR: Data for &lt;data_type&gt; extended data request invalid.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10295</b>	<b>CAPI: Warning: Extended data for request type &lt;data_type&gt;:&lt;description&gt; not available.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error continues.
User Response:	Report the message to Informatica Global Customer Support.
<b>PWX-10296</b>	<b>CAPI: ERROR: VARSTRING &lt;operation_type&gt; operation failed for object &lt;object&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that no resource constraints have been exceeded. If the problem persists contact Informatica Global Customer Support.

<b>PWX-10297</b>	<b>CAPI: ERROR: Restart values have incorrect length.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10298</b>	<b>CAPI: ERROR: Enqueue failed.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10299</b>	<b>CAPI: ERROR: Dequeue failed.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10345</b>	<b>CAPI: ERROR: Unable to find IMS segment RBA for cascade key.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10346</b>	<b>CAPI: ERROR: DLL compile/link Version mismatch: DLL &lt;nm&gt;: DLL ver nn.nn.nn.nn. Link ver nn.nn.nn.nn.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10348</b>	<b>CAPI: ERROR: CAPI Version mismatch: DLL &lt;nm&gt; version &lt;nn.nn.nn.nn&gt;. Version Required &lt;nn.nn.nn.nn&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Possible incorrect application of a product patch. Contact Informatica Global Customer Support if the problem cannot be resolved.
<b>PWX-10349</b>	<b>CAPI: ERROR: &lt;data_type&gt; is not a valid extended datatype.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

<b>PWX-10353</b>	<b>CAPI: ERROR: No source restart information.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	View the documentation on setting apply restart tokens. If the process was followed correctly, report the problem to Informatica Global Customer Support.
<b>PWX-10359</b>	<b>CAPI: ERROR: Sequence info must be &lt;n&gt; bytes.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10360</b>	<b>CAPI: ERROR: Restart info must be &lt;n&gt; bytes.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10361</b>	<b>CAPI: ERROR: log name in restart info does not match log name for connect &lt;log_name&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify the PowerExchange Logger name specified in the CAPI_CONNECTION. It must conform to the PowerExchange Logger name in the restart token if this is not an initial run.
<b>PWX-10362</b>	<b>CAPI: ERROR: NULL values not allowed in Restart Token.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	View the documentation on setting apply restart tokens. If the process was followed correctly, report the problem to Informatica Global Customer Support.
<b>PWX-10363</b>	<b>CAPI: ERROR: Restart token lengths not consistent.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	View the documentation on setting apply restart tokens. If the process was followed correctly, report the problem to Informatica Global Customer Support.
<b>PWX-10366</b>	<b>CAPI: ERROR: Extended Info exists for none-capable caller.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that the CAPI_CONNECTION parameters in the DBMOVER.cfg are correct. If you cannot resolve the error, contact Informatica Global Customer Support.

<b>PWX-10367</b>	<b>CAPI: ERROR: Log read (RESTART) point beyond requested send point (SEQUENCE).</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	View the documentation on setting apply restart tokens. If the process was followed correctly, report the problem to Informatica Global Customer Support.
<b>PWX-10373</b>	<b>CAPI: ERROR: Consumer not capable of required extended data processing.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that the CAPI_CONNECTION parameters in the DBMOVER.cfg are correct. If you cannot resolve the error, contact Informatica Global Customer Support.
<b>PWX-10374</b>	<b>CAPI: ERROR: Multiple objects allowed only on SourceEvent or RestartInfo &lt;function&gt;</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10376</b>	<b>CAPI: ERROR: Restart token missing for source &lt;source_tag&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	View the documentation on setting apply restart tokens. If the process was followed correctly, report the problem to Informatica Global Customer Support.
<b>PWX-10377</b>	<b>CAPI: ERROR: Helper routine &lt;helper_routine&gt; can only be called during &lt;API_call&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10378</b>	<b>CAPI: ERROR: Extended data type type is not settable.(routine &lt;helper_routine&gt;).</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-10379</b>	<b>CAPI: ERROR: Restart token for source &lt;source_tag&gt; invalid.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	View the documentation on setting apply restart tokens. If the process was followed correctly, report the problem to Informatica Global Customer Support.



<b>PWX-10380</b>	<b>CAPI: ERROR: Log name from connect &lt;log_name&gt; must match log name from EDMSDIR &lt;log_name&gt;.</b>
Explanation:	A call was made to the PowerExchange Consumer API that cannot be processed correctly.
System Action:	The task that encounters the error ends.
User Response:	Verify that the CAPI_CONNECTION log parameter matches the log name in the EDMSDIT. If you cannot resolve the error, contact Informatica Global Customer Support.
<b>PWX-10385</b>	<b>ERROR: Too many non-CAPX &lt;PWX_config_file_statement_type&gt; statements. &lt;number_found&gt; found, &lt;number_allowed&gt; allowed.</b>
Explanation:	Too many statements of the specified type were found in the PowerExchange configuration file.
System Action:	The task that encounters the error ends.
User Response:	Remove the extra statements and restart the task. The maximum number allowed is stated in the error message.
<b>PWX-10386</b>	<b>INFO: End of file processing initiated by event table processing.</b>
Explanation:	A change record was detected for an event table, which causes the extraction process to shut down.
System Action:	The task ends normally.
User Response:	No response is required.
<b>PXW-10387</b>	<b>IMS id missing for request to read IMS unload file</b>
Explanation:	A data map that requests a read of an IMS unload file does not include an IMS SSID. The library from which to load the DBD is specified through a combination of information from the IMS SSID and the DBMOVER IMSID parameters.
System Action:	The task that encountered the error ends.
User Response:	If you are using a DL/1 Batch data map, add an IMS SSID to the data map. If you are using an IMS ODBA data map, the IMS SSID should already be present. Also, verify that the IMSID parameter in the DBMOVER configuration member specifies the DBD library for the IMS subsystem.
<b>PXW-10388</b>	<b><i>parameter1</i> specified with no <i>parameter2</i> or dbmover <i>parameter3</i> specified.</b>
Explanation:	The specified parameter, <i>parameter1</i> , requires at least one of two other specified parameters to be defined.
System Action:	The task that encountered this error ends.
User Response:	Define at least one of the missing parameters, <i>parameter2</i> or <i>parameter 3</i> .
<b>PWX-10390</b>	<b>CAPI_CONNECTION type <i>connection_type</i>: <i>parameter_name</i> parameter requires <i>parameter_name</i> parameter</b>
Explanation:	A CAPI_CONNECTION statement of the specified type contains a parameter that requires the specification of a second parameter.
System Action:	Processing ends.
User Response:	Specify the second parameter and run the session again.

<b>PWX-10391</b>	<b>CAPI_CONNECTION type <i>type</i>: required parameter <i>parameter_name</i> missing</b>
Explanation:	A CAPI_CONNECTION statement of the specified type is missing a required parameter. This messages identifies the parameter that is missing.
System Action:	Capture processing ends.
User Response:	Add the specified parameter to the CAPI_CONNECTION statement that is missing it. Then run the session again.
<b>PWX-10400</b>	<b>Memory management problem for item <i>&lt;item_reference&gt;</i>, return code <i>&lt;return_code&gt;</i>.</b>
Explanation:	Insufficient resources to allocate requested memory
System Action:	Processing ends.
User Response:	Ensure that sufficient resources are available to the process.
<b>PWX-10401</b>	<b><i>&lt;operation&gt;</i> to QManager <i>&lt;queue_manager&gt;</i>, Queue <i>&lt;queue_name&gt;</i>, ret code <i>&lt;return_code&gt;</i>, reason <i>&lt;reason_code&gt;</i></b>
Explanation:	An operation on the queue has failed.
System Action:	Processing ends.
User Response:	For a more detailed explanation of the error, review the messages that follow this message.
<b>PWX-10404</b>	<b>Cannot continue. Parameter <i>&lt;parameter_name&gt;</i> was not supplied.</b>
Explanation:	The user has not specified an essential parameter.
System Action:	Processing ends.
User Response:	Determine the correct value of the parameter, and supply it.
<b>PWX-10405</b>	<b>The member DBCB provided has no link to a Connection DBCB.</b>
Explanation:	The API was called with an invalid configuration.
System Action:	Processing ends.
User Response:	Use connection DBCBs.
<b>PWX-10406</b>	<b>Refer to IBM MQ Manuals for explanation of these messages.</b>
Explanation:	Other messages have returned MQ codes and responses.
User Response:	Read associated messages for MQ references.
<b>PWX-10407</b>	<b>Could not create Pool ID for <i>&lt;pool_ID_base&gt;</i>, rc <i>&lt;return_code&gt;</i>.</b>
Explanation:	An internal memory configuration error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-10408</b>	<b>Explanation: <i>explanation_text</i>.</b>
Explanation:	Brief MQ reason code explanation.
User Response:	No response is required.

<b>PWX-10409</b>	<b>Trying to connect to &lt;queue_manager&gt;, but already connected to &lt;queue_manager&gt;.</b>
Explanation:	While already connected to a queue manager, an attempt was made to connect to a different one.
System Action:	Processing ends.
User Response:	If calling the API, verify the logic, otherwise contact Informatica Global Customer Support.
<b>PWX-10410</b>	<b>&lt;operation&gt; to queue &lt;queue_name&gt; failed, since it is not opened for Syncpointing.</b>
Explanation:	An syncpointing-related operation was requested on a queue that was not opened for syncpointing.
System Action:	Processing ends.
User Response:	If calling the API, verify the logic, otherwise contact Informatica Global Customer Support.
<b>PWX-10411</b>	<b>Invalid DBCB used in call to &lt;function&gt;, DBCB &lt;DBCB_address&gt; DBCB No. &lt;DBCB_number&gt;.</b>
Explanation:	The API was called with an invalid configuration.
System Action:	Processing ends.
User Response:	If calling the API, verify the logic, otherwise contact Informatica Global Customer Support.
<b>PWX-10412</b>	<b>Crucial Value error in field&lt;field_name&gt;. Explanation: <i>problem_description</i>.</b>
Explanation:	The API was called with an invalid configuration.
System Action:	Processing ends.
User Response:	If calling the API, verify the logic, otherwise contact Informatica Global Customer Support.
<b>PWX-10413</b>	<b>User &lt;user_ID&gt; is not licensed to use Message Queue functions.</b>
Explanation:	MQ access is not permitted with the license key given.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support for a new license key.
<b>PWX-10415</b>	<b>Cannot call UPDATE on queue opened for browsing</b>
Explanation:	DB_UPDATE called on a queue opened for non-destructive reads.
System Action:	The system does not read from or write to that queue.
User Response:	Contact Informatica Global Customer Support and specify the nature of the error.
<b>PWX-10416</b>	<b>AMMQS: &lt;error_description&gt;</b>
Explanation:	The module DTLAMMQS has encountered a fatal error described by the specified descriptive text.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10500</b>	<b><i>command_input</i></b>
Explanation:	The current command input line.
User Response:	No response is required.

<b>PWX-10501</b>	<b>Invalid hex character (<i>character</i>) in <i>&lt;parameter&gt;</i></b>
Explanation:	The parameter specified contained an invalid hex character.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10502</b>	<b>Odd number of hex characters in <i>&lt;parameter&gt;</i></b>
Explanation:	The parameter specified contained an odd number of hex characters.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10503</b>	<b>Conflicting parameters <i>&lt;parameter1&gt;</i> and <i>&lt;parameter2&gt;</i></b>
Explanation:	The parameters specified cannot be specified together.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10504</b>	<b>Invalid <i>entry_source_or_target</i></b>
Explanation:	The specified parameter specified has an invalid value.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10505</b>	<b>No command specified</b>
Explanation:	No command was specified.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10506</b>	<b>Syntax for the MQ restart utility:</b>
Explanation:	First line of HELP output.
User Response:	No response is required.
<b>PWX-10507</b>	<b><i>help_information</i></b>
Explanation:	Line of HELP output.
User Response:	No response is required.
<b>PWX-10508</b>	<b>Entry (<i>source_name,target_name,target_type</i>) already present in application <i>application_name</i></b>
Explanation:	Entry is already defined in the application.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again. It should be noted: source names are not case sensitive; NRDB target names are not case sensitive and the format does not matter ("a.b_C" is equivalent to "A.B.C").

<b>PWX-10509</b>	<b>No application in effect</b>
Explanation:	The command being executed requires an application. The application name can be specified by the APPL= keyword or on the SETDEF command.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10510</b>	<b>No queue name in effect</b>
Explanation:	The command being executed requires a queue name. The queue name can be specified on the SETDEF command or in the DBMOVER configuration file.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10511</b>	<b>MQR API call <i>call_name</i> returned error <i>return_code</i> (<i>return_mnemonic</i>)</b>
Explanation:	The MQ restart API call specified returned an error. Additional messages should help determine why the error was returned.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10512</b>	<b>No application loaded</b>
Explanation:	The command being executed requires an application to be loaded.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10513</b>	<b>Application <i>&lt;application_name&gt;</i> already exists</b>
Explanation:	The command being executed requires the application to not already exist in the restart queue.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10514</b>	<b>Application <i>&lt;application_name&gt;</i> not found</b>
Explanation:	The application was not found in the restart queue.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10515</b>	<b>Error ignored because of <i>option_description</i> option</b>
Explanation:	The previous error was ignored.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10516</b>	<b>Error treated as fatal</b>
Explanation:	The previous error was treated as fatal.
System Action:	Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-10517 Command *command\_name* complete**

Explanation: The command's processing has completed without error.

System Action: Processing continues.

User Response: No response is required.

**PWX-10518 Pending changes not saved**

Explanation: Previous command(s) modified the state of the restart queue, but those changes were not saved.

System Action: Processing ends.

User Response: Correct by adding APPLSAVE command and rerun.

**PWX-10519 Entry (*source\_name,target\_name,target\_type*) not present in application *application\_name***

Explanation: Entry is not defined in the application.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-10520 Command cannot be processed while application *<application\_name>* is running**

Explanation: Command is not allowed when application is running.

System Action: Processing ends.

User Response: If application is not truly running, use APPLCLR command to clear running indication and reissue command. If application is truly running, stop application and reissue command. Otherwise contact Informatica Global Customer Support.

**PWX-10521 *parameter\_name* parameter requires *parameter\_name* parameter**

Explanation: One parameter requires the specification of a second parameter.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-10522 Memory allocation failure.**

Explanation: Memory allocation failure.

System Action: Processing ends.

User Response: Attempt to rerun, If the problem persists, contact Informatica Global Customer Support.

**PWX-10523 CAPI call *call\_name* returned error *return\_code* (*return\_mnemonic*)**

Explanation: The CAPI call specified returned an error. Additional messages should help determine why the error was returned.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

<b>PWX-10524</b>	<b>CAPI call <i>call_name</i> returned <i>return_code</i> (<i>return_mnemonic</i>)</b>
Explanation:	The CAPI call specified returned an non-success return code. Additional messages should help determine why this happened.
User Response:	No response is required.
<b>PWX-10530</b>	<b>Application: <i>application_name</i> (<i>update_time</i>) running</b>
Explanation:	Output from the PRINT command.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10531</b>	<b>RunId: <i>running_id</i></b>
Explanation:	Output from the PRINT command.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10535</b>	<b>Rst: <i>first portion or all of restart token</i></b>
Explanation:	Output from the PRINT command.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10536</b>	<b>Seq: <i>first portion or all of sequence token</i></b>
Explanation:	Output from the PRINT command.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10537</b>	<b><i>continuation of restart or sequence token</i></b>
Explanation:	Output from the PRINT command.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10540</b>	<b>Entry: S=<i>source</i> T=<i>target</i> TT=<i>target_type</i></b>
Explanation:	Output from the PRINT command.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10572</b>	<b>MQR application <i>&lt;application_name&gt;</i> appears to be active</b>
Explanation:	The application appears to already be active.
System Action:	Processing ends.
User Response:	Determine if multiple processes are using the same application name and queue. If not, this situation could have been caused by a job abnormally terminating. If this is the case use the APPCLEAR command to clear the run ID, otherwise contact Informatica Global Customer Support.

<b>PWX-10573</b>	<b>MQR run id mismatch, expected &lt;run_id&gt;, actual &lt;run_id&gt;</b>
Explanation:	The run ID in the queue record did not match the expected run ID. This is most likely caused by multiple processes using the same application name at the same time.
System Action:	Processing ends.
User Response:	Attempt to determine if multiple processes are using the same application name and queue. If not and the first run ID is the empty string use the APPCLEAR command to clear the run ID, otherwise contact Informatica Global Customer Support.
<b>PWX-10574</b>	<b>MQR update time mismatch, expected &lt;run_id&gt;, actual &lt;run_id&gt;</b>
Explanation:	The update time in the queue record did not match the expected update time. This is most likely caused by multiple processes using the same application name at the same time.
System Action:	Processing ends.
User Response:	Attempt to determine if multiple processes are using the same application name and queue. If not, contact Informatica Global Customer Support.
<b>PWX-10575</b>	<b>MQR API level mismatch, caller=API_level_number, implementation= API_level_number</b>
Explanation:	The caller of the MQ restart API was not compiled with the same API level as the implementation.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10576</b>	<b>MQR queue error on &lt;call_type&gt; call, rcs=return_code1/return_code2/return_code3</b>
Explanation:	<p>The MQ restart API encountered an error while accessing the restart queue.</p> <p>In the message text</p> <ul style="list-style-type: none"> <li>• <i>call_type</i> is the type of call that encountered the error.</li> <li>• <i>return_code1</i>, <i>return_code2</i>, and <i>return_code3</i> are the PowerExchange return codes for the failure.</li> </ul>
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-10577</b>	<b>MQR record content &lt;error_description&gt;</b>
Explanation:	An error was encountered parsing the content of the queue restart records.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10578</b>	<b>Entry Source=&lt;source_name&gt; Target=&lt;target_name&gt; Type=&lt;target_type&gt;</b>
Explanation:	Related to record content error. Describes E record related to error.
User Response:	No response is required.
<b>PWX-10579</b>	<b>Entry Restart identifier=&lt;restart_ID&gt;</b>
Explanation:	Related to record content error. Describes R record related to error.
User Response:	No response is required.



<b>PWX-10595</b>	<b>MQR running state recovered, formerly &lt;old_run_ID&gt;</b>
Explanation:	The application appeared to be running, but enough time had elapsed that it is being assumed that the application has abnormally ended. This instance of the application is taking over.
User Response:	No response is required.
<b>PWX-10598</b>	<b><i>optional_description hex_digits</i></b>
Explanation:	Related to token error. Displays value of token.
User Response:	No response is required.
<b>PWX-10599</b>	<b>Application=&lt;application&gt; does not exist. It will be ADDED.</b>
Explanation:	Trying to modified an application that it does not exist.
System Action:	Application is added.
User Response:	No response is required.
<b>PWX-10600</b>	<b>Field application action</b>
Explanation:	Entered an incorrect application action. Possible values are: <ul style="list-style-type: none"> <li>• ADD</li> <li>• MOD</li> <li>• END</li> <li>• PRINT</li> <li>• SEQUENCE</li> <li>• RESTART</li> <li>• UID</li> <li>• EPWD</li> </ul>
System Action:	Processing ends.
User Response:	Use a valid syntax for the utility input.
<b>PWX-10601</b>	<b>Field application</b>
Explanation:	This field should be "APPL" or "appl."
System Action:	Processing ends.
User Response:	Use a valid syntax for the utility input.
<b>PWX-10602</b>	<b>Field application rsttkn</b>
Explanation:	This field should be "RSTTKN."
System Action:	Processing ends.
User Response:	Use a valid syntax for the utility input.
<b>PWX-10603</b>	<b>Field application registration</b>
Explanation:	This field should be a registration name.
System Action:	Processing ends.

User Response: Use a valid syntax for the utility input.

**PWX-10604 Field application name**

Explanation: This field should be an application name.

System Action: Processing ends.

User Response: Use a valid syntax for the utility input.

**PWX-10605 Field application generate**

Explanation: This field should be "GENERATE."

System Action: Processing ends.

User Response: Use a valid syntax for the utility input.

**PWX-10607 Field application preconfig**

Explanation: This field should be "PRECONFIG."

System Action: Processing ends.

User Response: Use a valid syntax for the utility input.

**PWX-10608 Parsing error: <information>**

Explanation: Input error for the utility.

System Action: Processing ends.

User Response: Use a valid syntax for the utility input.

**PWX-10609 Field application instance**

Explanation: This field should be an instance name.

System Action: Processing ends.

User Response: Use a valid syntax for the utility input.

**PWX-10610 Buffer overflow error**

Explanation: The text generated exceeds an internal maximum length.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-10611 Registration <registration\_name> not found in application <applname>**

Explanation: Trying to modify a registration that does not exist in the application

System Action: Processing ends.

User Response: Use ADD instead of MOD.

**PWX-10612 Several registrations with tag=<tag\_name>, reg=<registration\_name> will not be modified**

Explanation: Trying to modify a registration with a tag used by several others.

System Action: The registration is not modified.

User Response: Use MODALLSAMETAG option.

<b>PWX-10613</b>	<b>Application &lt;application&gt; does not exist. Can not MOD &lt;registration&gt;. Use ADD RSTTKN</b>
Explanation:	Trying to modify a registration of an application that does not exist.
System Action:	Processing ends.
User Response:	Use ADD RSTTKN
<b>PWX-10614</b>	<b>Registration versions are different. Registration &lt;version&gt; in CDEP will be changed to &lt;version&gt; in application &lt;application&gt;.</b>
Explanation:	The version of the registration stored in CDEP is different. The version is changed.
User Response:	No response is required.
<b>PWX-10615</b>	<b>Error parm size length=length is over nnn limit</b>
Explanation:	Parameter too long.
System Action:	Processing ends.
User Response:	Verify the parameter.
<b>PWX-10616</b>	<b>Encrypted Password</b>
Explanation:	Required password by some utilities.
System Action:	Processing ends.
User Response:	Specify a password.
<b>PWX-10617</b>	<b>Error OpenING Parm file rc1=&lt;return_code1&gt; rc2=&lt;return_code2&gt; rc3=&lt;return_code3&gt; filename=&lt;file_name&gt;</b>
Explanation:	<p>During an attempt to open the specified file, an error occurred.</p> <p>In the message text</p> <ul style="list-style-type: none"> <li>• <i>return_code1</i>, <i>return_code2</i>, and <i>return_code3</i> are the PowerExchange return codes for the failure.</li> <li>• <i>file_name</i> is the name of the file that could not be opened.</li> </ul>
System Action:	Processing ends.
User Response:	To diagnose the problem, review the return codes.
<b>PWX-10618</b>	<b>Error READING Parm file rc1=&lt;return_code1&gt; rc2=&lt;return_code2&gt; rc3=&lt;return_code3&gt; filename=&lt;file_name&gt;</b>
Explanation:	<p>Error trying to read file name.</p> <p>In the message text</p> <ul style="list-style-type: none"> <li>• <i>return_code1</i>, <i>return_code2</i>, and <i>return_code3</i> are the PowerExchange return codes for the failure.</li> <li>• <i>file_name</i> is the name of the file that could not be read.</li> </ul>
System Action:	Processing ends.
User Response:	To diagnose the problem, review the return codes.

<b>PWX-10619</b>	<b>Reg=&lt;registration_name&gt; tag=&lt;registration_tag&gt; modified because MODALLSAMETAG.</b>
Explanation:	More than one registration was changed because MODALLSAMETAG.
User Response:	No response is required.
<b>PWX-10620</b>	<b>Unload file name required.</b>
Explanation:	An attempt was made to read an unload file and no file name was supplied.
System Action:	The task that encounters the error ends.
User Response:	Specify an unload file.
<b>PWX-10621</b>	<b>DTLUCBRG Error: <i>parameter</i> parameter missing.</b>
Explanation:	A mandatory parameter is missing from the input source.
System Action:	DTLUCBRG processing ends.
User Response:	Specify the missing parameter and run the request again.
<b>PWX-10622</b>	<b>DTLUTSK Error: "Password and Encrypted Password conflict. Specify only one."</b>
Explanation:	Two conflicting parameters specified to DTLUTSK.
System Action:	DTLUTSK ends.
User Response:	Specify only one of the conflicting parameters.
<b>PWX-10623</b>	<b>Incorrect Action: "<i>action</i>". Valid values are: LISTTASK/STOPTASK/LISTLOCATIONS</b>
Explanation:	An invalid action was requested. Only LISTTASK, STOPTASK or LISTLOCATIONS are valid ones.
System Action:	The task that encounters the error ends.
User Response:	Specify LISTASK, STOPTASK or LISTLOCATIONS.
<b>PWX-10624</b>	<b>DTLUTSK Help: <i>CMD=LISTTASK/STOPTASK LOC=location UID=uid PWD=pwd/EPWD=encryptpwd</i>")</b>
Explanation:	A syntax help was requested from DTLUTSK.
System Action:	The DTLUTSK utility prints a syntax help.
User Response:	Specify the parameters to DTLUTSK according to the help provided.
<b>PWX-10625</b>	<b>DTLUCBRG: Table mask &lt;qual1.qual2&gt; should have three qualifiers.</b>
Explanation:	An attempt was made to register some tables providing only two qualifiers.
System Action:	DTLUCBRG processing ends.
User Response:	Specify a table mask with three qualifiers.
<b>PWX-10626</b>	<b>DTLUCBRG: Table mask &lt;mask&gt; should have at least &lt;n&gt; chars.</b>
Explanation:	An attempt was made to register some tables providing a short table mask.
System Action:	DTLUCBRG processing ends.
User Response:	Specify a longer table mask.

<b>PWX-10627</b>	<b>DTLUCBRG: Need to use a listener.</b>
Explanation:	An attempt was made to register tables with location LOCAL. A PowerExchange Listener is required.
System Action:	DTLUCBRG processing ends.
User Response:	Specify a location different from LOCAL.
<b>PWX-10628</b>	<b>DTLUCBRG: Password and Encrypted Password conflict. Specify only one.</b>
Explanation:	An attempt was made to register tables specifying both a password and an encrypted password.
System Action:	DTLUCBRG processing ends.
User Response:	Specify only one of the conflicting parameters.
<b>PWX-10629</b>	<b>DTLUCBRG: Database type not allowed =&lt;database_type&gt;.</b>
Explanation:	An attempt was made to register tables for a non supported database type.
System Action:	DTLUCBRG processing ends.
User Response:	Specify a valid database type.
<b>PWX-10630</b>	<b>DTLUCBRG: CONDTYPE &lt;condense_option&gt; incorrect. Valid values are: PART, FULL or NONE.</b>
Explanation:	An attempt to register tables using the DTLUCBRG utility failed because the CONDTYPE parameter value was not valid.
System Action:	DTLUCBRG processing ends.
User Response:	For the CONDTYPE parameter, specify one of the following valid condense options: PART, FULL, or NONE.
<b>PWX-10631</b>	<b>DTLUCBRG: Instance &lt;instance_name&gt; exceeds &lt;n&gt; chars.</b>
Explanation:	An attempt was to register some tables with a too long instance name.
System Action:	DTLUCBRG processing ends.
User Response:	Use a shorter instance name.
<b>PWX-10632</b>	<b>DTLUCBRG: Status &lt;status&gt; invalid. Valid values are 'A' or 'I'.</b>
Explanation:	An attempt was to register some tables with an invalid status.
System Action:	DTLUCBRG processing ends.
User Response:	Use A (ACTIVE) or I (INACTIVE).
<b>PWX-10633</b>	<b>DTLUCBRG: Status required. Valid values are 'A' or 'I'.</b>
Explanation:	An attempt was to register some tables with no status.
System Action:	DTLUCBRG processing ends.
User Response:	Use A (ACTIVE) or I (INACTIVE).

<b>PWX-10634</b>	<b>DTLUCBRG: Error creating extraction map for table.</b>
Explanation:	The DTLUCBRG utility encountered an error when creating an extraction map for the specified table.
System Action:	DTLUCBRG processing ends.
User Response:	To diagnose the error, look for related messages in the message log. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-10635</b>	<b>DTLUCBRG: No tables to register with mask &lt;qualifier1.qualifier2&gt;.</b>
Explanation:	No tables to register for that mask.
System Action:	DTLUCBRG processing ends.
User Response:	Use a different mask.
<b>PWX-10636</b>	<b>DTLUCBRG: DBD DSN Name (x chars) is too long y.</b>
Explanation:	An attempt was to register an IMS table with a DBD data set name that is too long.
System Action:	DTLUCBRG processing ends.
User Response:	Correct the DBD Dataset name.
<b>PWX-10637</b>	<b>DTLUCBRG: Registration type &lt;registration_type&gt; invalid. Valid values are Synchronous/LogBased.</b>
Explanation:	An attempt was to register some tables with an invalid registration type.
System Action:	DTLUCBRG processing ends.
User Response:	Use Synchronous or LogBased.
<b>PWX-10638</b>	<b>DTLUCBRG: Capture Registration=&lt;registration_name&gt; could not be created in memory.</b>
Explanation:	An attempt was to create a registration.
System Action:	DTLUCBRG processing ends.
User Response:	Review associated error messages to determine why the run failed. Should local resolution fail, contact Informatica Global Customer Support, including the name of the user and the error code issued.
<b>PWX-10639</b>	<b>DTLUCBRG: Table &lt;qualifier1.qualifier2&gt; already registered in reg=&lt;registration_name&gt;.</b>
Explanation:	An attempt was to register a table already registered.
System Action:	DTLUCBRG processing ends.
User Response:	The table is already registered.
<b>PWX-10640</b>	<b>DTLUCBRG: Column &lt;column_name&gt; could not be created in memory for regs=&lt;registration_name&gt;.</b>
Explanation:	An attempt was to create a column for a registration.
System Action:	DTLUCBRG processing ends.
User Response:	Review associated error messages to determine why the run failed. Should local resolution fail, contact Informatica Global Customer Support, including the name of the user and the error code issued.

<b>PWX-10641</b>	<b>DTLUCBRG: Error loading registrations &lt;registration_name&gt;.</b>
Explanation:	An attempt was to load a registration.
System Action:	DTLUCBRG processing ends.
User Response:	Review associated error messages to determine why the run failed. Should local resolution fail, contact Informatica Global Customer Support, including the name of the user and the error code issued.
<b>PWX-10642</b>	<b>DTLUCBRG: Registration &lt;registration_prefix.registration_sequence&gt; already exists.</b>
Explanation:	An attempt was to create a registration that already exists.
System Action:	DTLUCBRG processing ends.
User Response:	Review associated error messages to determine why the run failed. Should local resolution fail, contact Informatica Global Customer Support, including the name of the user and the error code issued.
<b>PWX-10643</b>	<b>DTLUCBRG: Parameter &lt;parameter&gt; format &lt;error_description&gt;.</b>
Explanation:	The specified parameter has a format error, as described.
System Action:	DTLUCBRG processing ends.
User Response:	Review associated error messages to determine why the run failed. Should local resolution fail, contact Informatica Global Customer Support, including the name of the user and the error code issued.
<b>PWX-10644</b>	<b>DTLUCBRG: Parameter mismatch. Reason&lt;description&gt;.</b>
Explanation:	The supplied parameter has a format error, as described.
System Action:	DTLUCBRG processing ends.
User Response:	Review associated error messages to determine why the run failed. Should local resolution fail, contact Informatica Global Customer Support, including the name of the user and the error code issued.
<b>PWX-10645</b>	<b>DTLUCBRG: File IO Error. Reason&lt;description&gt;.</b>
Explanation:	Input/Output Error on file, as described.
System Action:	DTLUCBRG processing ends.
User Response:	Review associated error messages to determine why the run failed. Should local resolution fail, contact Informatica Global Customer Support, including the name of the user and the error code issued.
<b>PWX-10646</b>	<b>DTLUCBRG: Warning&lt;description&gt;.</b> <b>Warning: message. Unusual situation that might be an error.</b>
System Action:	DTLUCBRG processing continues.
User Response:	Interpret the message in the light of users own expectations.
<b>PWX-10647</b>	<b>DTLUCBRG: No tables already registered with mask &lt;qualifier1.qualifier2&gt;.</b>
Explanation:	No tables to register for that mask.
System Action:	DTLUCBRG processing ends.

User Response:	Use a different mask.
<b>PWX-10648</b>	<b>DTLUCBRG: Location <i>&lt;location&gt;</i> not supported for parameter <i>&lt;parameter_name&gt;</i>.</b>
Explanation:	The location entered is not supported by DTLUCBRG.
System Action:	DTLUCBRG processing ends.
User Response:	Use a different location. DTLUCBRG must run under the control of a PowerExchange Listener.
<b>PWX-10649</b>	<b>DTLUCBRG: DB2 type not allowed for a non EBCDIC platform, use type UDB.</b>
Explanation:	The DB2 type is not supported for a non EBCDIC platform.
System Action:	DTLUCBRG processing ends.
User Response:	Use UDB
<b>PWX-10650</b>	<b>DTLUCBRG: UDB type not allowed for a EBCDIC platform, use type DB2.</b>
Explanation:	The UDB type is not supported for EBCDIC platform.
System Action:	DTLUCBRG processing ends.
User Response:	Use DB2
<b>PWX-10651</b>	<b>DTLUCBRG: CRGPREFIX <i>&lt;prefix&gt;</i> contains invalid characters for a registration name.</b>
Explanation:	The prefix can only contain characters 'a' through 'z' and '0' through '9.' However, '0' through '9' cannot be used as the first character.
System Action:	DTLUCBRG processing ends.
User Response:	Correct the prefix and try the request again.
<b>PWX-10652</b>	<b>DTLURDMO: Table <i>&lt;schema.table_name&gt;</i> contains invalid characters and requires a prefix for registration.</b>
Explanation:	DTLURDMO does not allow the first character of the table name to be a number, even if the database allows it.
System Action:	DTLURDMO ignores the table and continue processing.
User Response:	Specify a letter as the first character of the table name and try the request again.
<b>PWX-10653</b>	<b>DTLUCBRG: MSSQL Registrations can not be created from this platform.</b>
Explanation:	MSSQL registrations rely heavily on information retrieved from the MSSQL publication. This information is only available from PC installations.
System Action:	DTLUCBRG processing ends.
User Response:	Run the DTLUCBRG utility from a valid PC.
<b>PWX-10654</b>	<b>DTLUCBRG: Full condense is not allowed on table <i>&lt;schema.table_name&gt;</i>. Table has no unique key specified.</b>
Explanation:	An attempt was to register a table for full condense where the table does not have a unique key specified. This is a prerequisite for full condense.
System Action:	DTLUCBRG does not register the table for change data capture and continue processing with the next available table.



User Response: Either specify a unique key for the table and run the request again or change the condense type to either Part or None.

**PWX-10655      Parameter NOTIFYCHANGES incorrect. Value *notify\_changes* should be Y/N.**

Explanation: Valid values for the NOTIFYCHANGES parameter are Y and N.

System Action: DTLUCBRG processing ends.

User Response: Provide a value of Y or N for the NOTIFYCHANGES parameter, and resubmit the command.

**PWX-10656      Parameter mismatch. Value *notify\_changes* for NOTIFYCHANGES not valid for *database\_type*.**

Explanation: The NOTIFYCHANGES parameter is supported for DB2 and Oracle only.

System Action: DTLUCBRG processing ends.

User Response: Remove the NOTIFYCHANGES parameter from the command file, and resubmit the command.

**PWX-10657      DTLUCBRG: Full condense is not allowed on table *schema.table\_name*. Table has total key length of *table\_key\_length* and maximum allowed is *max\_key\_length*.**

Explanation: The DTLUCBRG utility encountered an error when trying to create a capture registration for the specified table on z/OS. The total length of all key columns in the table exceeded the maximum length for these columns when the CONDTYPE parameter is set to FULL. The maximum length for these columns on z/OS is 250 bytes.

System Action: DTLUCBRG does not register the table for change data capture. DTLUCBRG continues processing with the next available table.

User Response: Either specify a smaller unique key for the table and run the request again, or change the CONDTYPE setting to Part or None.

**PWX-10658      DTLUCBRG: CRGNAME *registration\_name* contains invalid characters for a registration name.**

Explanation: The CRGNAME parameter for the DTLUCBRG utility can contain only alphanumeric characters and cannot begin with a number.

System Action: DTLUCBRG processing ends abnormally.

User Response: Correct the CRGNAME value and run the utility again.

**PWX-10659      No columns found in table "*table\_name*".**

Explanation: An attempt was made to register a table using the DTLUCBRG utility, but no columns were retrieved for the table.

System Action: If TESTRUN=Y, DTLUCBRG does not register the specified table and continues processing with the next available table. Otherwise, processing ends.

User Response: DTLUCBRG runs using client code pages set for metadata. The utility uses IBM037 on i5/OS, IBM1047 on z/OS and UTF8 on Linux, UNIX or Windows. It might not be possible to run DTLUCBRG locally if it processes a table name that contains characters that have different values in the code page that the database uses.

Set the LOCATION parameter to a PowerExchange Listener that uses the required SQL code page. It is possible to run DTLUCBRG from a Linux, UNIX or Windows machine and create registrations and extraction data maps on z/OS or i5/OS.

<b>PWX-10660</b>	<b>Using codepage "<i>code_page_name</i>" (<i>code_page_number</i>) for table names in DB2 subsystem "<i>subsystem</i>".</b>
Explanation:	The named code page is being used for DB2 table names when local mode processing is performed on z/OS and the DB2CODEPAGE statement indicates that DB2 needs a code page other than CP1047.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10661</b>	<b>DTLUCBRG: CRGPREFIX &lt;<i>prefix</i>&gt; is too long for a registration prefix length <i>length</i> &gt; <i>limit</i>.</b>
Explanation:	The CRGPREFIX parameter value that is specified for the DTLUCBRG utility is too long. The maximum length of the CRGPREFIX value is four characters. PowerExchange appends four digits to this prefix to generate a capture registration name.
System Action:	DTLUCBRG ends abnormally unless you specified the TESTRUN=Y parameter for a test run. No registrations are created.
User Response:	Edit the CRGPREFIX parameter value so that it is four characters or less in length. Then run the DTLUCBRG utility again.
<b>PWX-10662</b>	<b>DTLUCBRG: CRGNAME &lt;<i>name</i>&gt; is too long for a registration name length <i>length</i> &gt; <i>limit</i>.</b>
Explanation:	The CRGNAME parameter value that is specified for the DTLUCBRG utility is too long. The maximum length of the CRGNAME value is 13 characters. PowerExchange uses this value as the registration name.
System Action:	DTLUCBRG ends abnormally unless you specified the TESTRUN=Y parameter for a test run. No registrations are created.
User Response:	Edit the CRGNAME parameter value so that it is 13 characters or less in length. Then run the DTLUCBRG utility again.
<b>PWX-10663</b>	<b>Table "<i>schema.table_name</i>" row size bytes exceeds network maximum <i>maximum_bytes</i>. Largest column "<i>column_name</i>" has <i>bytes</i> bytes.</b>
Explanation:	During registration of the specified table in the PowerExchange Navigator, PowerExchange detected that the total row size, which includes the sizes of all columns in the table, exceeds the network limit. The message reports the size of the largest column.
System Action:	The PowerExchange Navigator does not register the table for capture processing.
User Response:	In the PowerExchange Navigator, create a capture registration for a subset of the columns, if acceptable. If the table includes LOB columns, try omitting one or more large LOB columns until the total row size is less than the network limit.
<b>PWX-10664</b>	<b>Table "<i>schema.table_name</i>" is unsuitable for registration because it contains invalid column <i>column_name</i> of type <i>column_type</i>.</b>
Explanation:	The specified MySQL table contains a column that makes the table ineligible for registration. For example, if the table contains a column that has a spatial data type, the table cannot be registered for change capture.
System Action:	Without a capture registration, PowerExchange cannot capture change data for the table.
User Response:	No response is required if you do not need to capture change data from this table.

<b>PWX-10666</b>	<b>Table "<i>schema.table_name</i>" is unsuitable for registration because it does not have a primary key.</b>
Explanation:	The specified table is ineligible for capture registration creation because it does not have a primary key.
System Action:	The table cannot be registered for change data capture. Without a capture registration, PowerExchange cannot capture change data for the table.
User Response:	No response is required if you do not need to capture change data for the table.
<b>PWX-10671</b>	<b>Processed Registration "<i>registration_name</i>" Table "<i>table_name</i>"</b>
Explanation:	This message appears in the DTLUCBRG report.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10672</b>	<b>Old Registration Name "<i>name</i>" Old condense type "<i>type</i>". Old status "<i>status</i>". Old version "<i>version</i>".</b>
Explanation:	This message appears in the DTLUCBRG report if an existing registration has been updated.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10673</b>	<b>Existing registration with status "<i>status</i>" not changed.</b>
Explanation:	This message appears in the DTLUCBRG report if TESTRUN=Y. DTLUCBRG was not started with the required options for REPLACE and REPLACEACTIVE to allow the existing registration to be changed.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10674</b>	<b>MSS Registration Name "<i>registration_name</i>", Table "<i>table_name</i>", Condense type "<i>type</i>" updated to status "<i>status</i>".</b>
Explanation:	This message appears in the DTLUCBRG report.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-10675</b>	<b>No MSS Registration meet the criteria specified for status update.</b>
Explanation:	This message is used in the DTLUCBRG report.
System Action:	Processing continues.
User Response:	No response is required.

<b>PWX-10676</b>	<b>Instance <i>instance_identifier</i> already used as identifier for database <i>database_name</i> in server <i>server_name</i>.</b>
Explanation:	<p>The user-defined instance identifier that was entered for a Microsoft SQL Server source is not unique. It is already used for the specified SQL Server database and server.</p> <p>You can enter an instance identifier at any of the following locations:</p> <ul style="list-style-type: none"> <li>• The <b>Instance</b> field in the <b>Add Registration Group</b> dialog box of the PowerExchange Navigator</li> <li>• The INSTANCE parameter of the DTLUCBRG utility</li> <li>• The NEW_DBID parameter in the REG_COPY statement of the DTLURDMO utility</li> </ul>
System Action:	Processing ends.
User Response:	Enter a unique instance identifier for the current SQL Server database and server combination, or allow PowerExchange to generate a unique instance identifier by not specifying the instance identifier.
<b>PWX-10677</b>	<b>Database <i>database_name</i> in server <i>server_name</i> is already identified by instance <i>existing_instance_identifier</i>. The supplied instance <i>new_instance_identifier</i> cannot be used.</b>
Explanation:	<p>A user-defined instance identifier was entered for the specified Microsoft SQL Server database and server, but an instance identifier already exists for that database and server combination. You cannot enter another instance identifier for the same database and server combination.</p> <p>You can enter an instance identifier at any of the following locations:</p> <ul style="list-style-type: none"> <li>• The <b>Instance</b> field in the <b>Add Registration Group</b> dialog box of the PowerExchange Navigator</li> <li>• The INSTANCE parameter of the DTLUCBRG utility</li> <li>• The NEW_DBID parameter in the REG_COPY statement of the DTLURDMO utility</li> </ul>
System Action:	Processing ends.
User Response:	Remove the new instance identifier, or update it to match the existing instance identifier.
<b>PWX-10678</b>	<b>Table <i>table_name</i> starts with an invalid character sequence <i>character_sequence</i>.</b>
Explanation:	The specified table has a table name that starts with a sequence of characters that is not valid for DTLUCBRG utility processing. You cannot use the DTLUCBRG utility to create a capture registration for the table. For Oracle tables, invalid sequences are AQ\$, QT\$, and SYS.
System Action:	DTLUCBRG processing ends.
User Response:	Change the table name to remove the invalid character sequence.
<b>PWX-10679</b>	<b>DTLUCBRG: The COLUMNS keyword value <i>value</i> is not valid. Valid values for COLUMNS are FILE, ALL, or PKFK.</b>
Explanation:	The COLUMNS keyword in the CREATEBICI parameter has an invalid value. This message identifies the valid values.
System Action:	DTLUCBRG utility processing ends.
User Response:	In the COLUMNS keyword, enter a valid value. Then run the utility again.

<b>PWX-10680</b>	<b>DTLUCBRG: The MAXCOLS keyword value <i>value</i> is not valid because it is not numeric.</b>
Explanation:	The MAXCOLS keyword value in the CREATEBICI parameter is not valid because it is not a numeric value. Valid values are 10 through 32000.
System Action:	DTLUCBRG utility processing ends.
User Response:	In the MAXCOLS keyword, specify a valid value. Then run the utility again.
<b>PWX-10681</b>	<b>DTLUCBRG: The MAXCOLS keyword value <i>maxcols_value</i> is outside the valid range of numeric values. The valid range is <i>maxcols_minimum</i> through <i>maxcols_maximum</i>.</b>
Explanation:	The MAXCOLS keyword value in the CREATEBICI parameter is not valid because it is not within the range of valid numeric values.
System Action:	DTLUCBRG utility processing ends.
User Response:	In the MAXCOLS keyword, specify a number in the range of 10 through 32000. Then run the utility again. I
<b>PWX-10682</b>	<b>DTLUCBRG: The EXTINFO keyword value is not valid. Valid values are BICI, BI, and CI.</b>
Explanation:	The EXTINFO keyword value in the CREATEBICI parameter is not valid. Valid values are BICI, BI, and CI.
System Action:	DTLUCBRG utility processing ends.
User Response:	In the EXTINFO keyword, enter a valid value. Then run the utility again.
<b>PWX-10683</b>	<b>DTLUCBRG: The INPUT_FN keyword cannot be specified in the CREATEBICI parameter when COLUMNS={PKFK ALL} is also specified.</b>
Explanation:	In the CREATEBICI parameter, you cannot specify the INPUT_FN keyword with the specified COLUMNS keyword value. You can use the INPUT_FN keyword only when COLUMNS keyword is set to FILE.
System Action:	DTLUCBRG utility processing ends.
User Response:	If you want to use an input file for CREATEBICI processing, change the COLUMNS value to FILE. Otherwise, remove the INPUT_FN keyword from the CREATEBICI parameter. After you complete one of these corrective actions, run the utility again.
<b>PWX-10684</b>	<b>DTLUCBRG: The INPUT_FN keyword must be specified in the CREATEBICI parameter when COLUMNS=FILE is also specified.</b>
Explanation:	If you specify COLUMNS=FILE for in the CREATEBICI parameter, you must also specify the INPUT_FN keyword. The INPUT_FN keyword specifies the input file name and location for CREATEBICI processing.
System Action:	DTLUCBRG utility processing ends.
User Response:	Either add the INPUT_FN keyword to the CREATEBICI parameter, or set the COLUMNS keyword to PKFK or ALL. After you complete one of these corrective actions, run the utility again.
<b>PWX-10685</b>	<b>DTLUCBRG: The keyword <i>keyword_name</i> in the CREATEBICI parameter has a value <i>keyword_value</i> that is not valid on z/OS. Valid values: Y and N.</b>
Explanation:	The specified keyword in the CREATEBICI parameter has a value that is not valid when the DTLUCBRG utility runs on z/OS. The keyword value must be either Y or N. If you specify Y, the file names are determined by JCL entries that refer to preallocated data sets.

System Action:	DTLUCBRG utility processing ends.
User Response:	Correct the keyword values and run the utility again.
<b>PWX-10686</b>	<b>Error creating HASH table entry for <i>table_entry</i>.</b>
Explanation:	An internal processing error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support. When you report the error, include the associated user name and error code.
<b>PWX-10687</b>	<b>Error inserting HASH table entry for <i>table_entry</i>. RC = <i>return_code</i>.</b>
Explanation:	An internal processing error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support. When you report the error, include the associated user name and error code.
<b>PWX-10688</b>	<b>DTLUCBRG: Duplicate value <i>input_value</i> found in the INPUT_FN file for CREATEBICI processing.</b>
Explanation:	The DTLUCBRG utility found a duplicate entry in the input file that is specified in the INPUT_FN keyword for CREATEBICI processing.
System Action:	DTLUCBRG utility processing continues. The utility ignores the duplicate entry.
User Response:	No response is required. To prevent the warning from reoccurring, ensure that no duplicate entries are specified in the INPUT_FN file.
<b>PWX-10689</b>	<b>Error initializing retrieval of HASH table entries during cleanup processing.</b>
Explanation:	An internal processing error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support. When you report the error, include the associated user name and error code.
<b>PWX-10690</b>	<b>Error destroying HASH table during cleanup.</b>
Explanation:	An internal processing error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support. When you report the error, include the associated user name and error code.
<b>PWX-10691</b>	<b>Error retrieving entry from HASH table during cleanup.</b>
Explanation:	An internal processing error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support. When you report the error, include the associated user name and error code.
<b>PWX-10692</b>	<b>Error removing entry from HASH table during cleanup.</b>
Explanation:	An internal processing error occurred.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support. When you report the error, include the associated user name and error code.

**PWX-10693 DTLUCBRG: The entry *entry* in the INPUT\_FN input file was not used during CREATEBICI processing.**

Explanation: The DTLUCBRG utility found an unused entry in the input file that is specified in the INPUT\_FN keyword in the CREATEBICI parameter. The entry is ignored.

System Action: DTLUCBRG utility processing continues.

User Response: No response is required. To prevent the warning from reoccurring, ensure that the input file contains only the entries that are needed for CREATEBICI processing.

**PWX-10694 DTLUCBRG: Cannot generate a BI column for column *column\_name* in the extraction map. The column is not eligible for BI processing.**

Explanation: The DTLUCBRG utility could not generate a before-image (BI) column in the extraction map for the specified source column.

System Action: DTLUCBRG utility processing continues.

User Response: No response is required.

**PWX-10695 Table *qualified\_tablename* is not valid for NRDB2. When the map name *mapname* is delimited by an underscore, the table name *tablename* cannot contain a period.**

Explanation: In the DTLUCBRG utility command, the TABLE parameter value has a format that is not valid for a NRDB2 nonrelational source type. If an underscore (\_) is present, a period (.) cannot follow it. The underscore separates the map name from the table name, and a period is not allowed in an NRDB table name.

System Action: DTLUCBRG utility processing ends.

User Response: Remove the period so that the TABLE parameter is in a valid two-tier NRDB2 format. For example:

`SCHEMA.MAPNAME_ TABLENAME`

To create a mask, you can use the asterisk (\*) wildcard in any part of the parameter value, for example:

`S*.M*_T*`

**PWX-10696 INCLUDE\_COL and EXCLUDE\_COL keywords are mutually exclusive.**

Explanation: Both the INCLUDE\_COL and EXCLUDE\_COL parameters are specified for a DTLUCBRG utility run. However, these parameters are mutually exclude, You can use only one of these parameter types for a single DTLUCBRG instance.

System Action: DTLUCBRG utility processing ends.

User Response: Update the DTLUCBRG parameters to specify either the INCLUDE\_COL or EXCLUDE\_COL parameter. Ensure that both parameters are not specified. Then run the utility again.

**PWX-10700 CAPI: ERROR: *attribute\_name* missing**

Explanation: The UOW cleanser's CAPI\_CONNECTION information did not contain the required attribute.

System Action: Connection does not open.

User Response:	Correct CAPI_CONNECTION information.
<b>PWX-10701</b>	<b>CAPI: WARNING: <i>attribute_name</i> ignored</b>
Explanation:	The UOW cleanser's CAPI_CONNECTION information contained an attribute that is not available on this platform. The attribute was ignored.
User Response:	No response is required. The attribute can be removed from the CAPI information.
<b>PWX-10702</b>	<b>CAPI: INFO: Subordinate <i>function_name</i> returned <i>return_code</i></b>
Explanation:	The UOW Cleanser received the indicated return code from a subordinate CAPI call.
User Response:	No response is required.
<b>PWX-10703</b>	<b>CAPI: WARNING: Subordinate <i>function_name</i> returned <i>return_code</i> reason <i>reason_code</i></b>
Explanation:	The UOW Cleanser received the indicated return and reason codes from the subordinate CAPI call.
System Action:	A warning is returned to calling software.
User Response:	No response is required.
<b>PWX-10704</b>	<b>CAPI: ERROR: Subordinate <i>function_name</i> returned <i>return_code</i></b>
Explanation:	The UOW Cleanser received the indicated return code from a subordinate CAPI call.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-10705</b>	<b>CAPI: ERROR: Internal error &lt;<i>description</i>&gt;</b>
Explanation:	The UOW Cleanser encountered an internal error.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10706</b>	<b>CAPI: ERROR: Subordinate CAPI returned unknown record type (<i>record_type</i>)</b>
Explanation:	The UOW Cleanser encountered an unknown record type.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10707</b>	<b>CAPI: ERROR: Missing required data (<i>description</i>)</b>
Explanation:	The UOW Cleanser received a record from the subordinate CAPI that was missing some required data.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10709</b>	<b>CAPI: ERROR: Invalid data for "<i>descriptive_text</i>"</b>
Explanation:	The UOW Cleanser received a record from the subordinate CAPI that contained invalid data.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.



<b>PWX-10710</b>	<b>CAPI: ERROR: QSTD call "function call" return <i>return_code</i> ("<i>return_code_mnemonic</i>")</b>
Explanation:	The UOW Cleanser encountered an error when accessing a spill data set.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10711</b>	<b>CAPI: ERROR: Sequence invalid (must be even number of bytes (length=length))</b>
Explanation:	The UOW Cleanser received a restart sequence number that consisted of an odd number of bytes.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-10712</b>	<b>CAPI: Source list index <i>number</i></b>
Explanation:	The UOW Cleanser encountered an error with source corresponding to index number.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10713</b>	<b>CAPI: ERROR: Publishing (<i>description</i>)</b>
Explanation:	The UOW Cleanser encountered an error when attempting to publish a record value.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10714</b>	<b>CAPI: ERROR: Calling CallBack <i>function_name</i> (rc=<i>return_code</i>)</b>
Explanation:	The UOW Cleanser encountered an error when calling the call back function indicated.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10715</b>	<b>CAPI: ERROR: Subordinate CAPI returned inappropriate extended data</b>
Explanation:	The UOW Cleanser encountered inappropriate extended data from the subordinate CAPI
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10716</b>	<b>CAPI: ERROR: Operation backout error ("<i>descriptive_text</i>")</b>
Explanation:	The UOW Cleanser encountered an error when processing a back out operation.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10717</b>	<b>CAPI: ERROR: Subordinate CAPI IMS extended info conflict</b>
Explanation:	The UOW Cleanser encountered an error with the extended information options presented by the subordinate CAPI.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-10718</b>	<b>CAPI: ERROR: IMS fast path cascade delete in-flight at end UOW</b>
Explanation:	The UOW Cleanser encountered an error when processing an IMS fast path cascade delete.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10719</b>	<b>CAPI: ERROR: IMS fast path cascade delete invalid level (<i>number</i>)</b>
Explanation:	The UOW Cleanser encountered an error when processing an IMS fast path cascade delete.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10720</b>	<b>CAPI: ERROR: IMS fast path cascade delete base key error (<i>number</i>)</b>
Explanation:	The UOW Cleanser encountered an error when processing an IMS fast path cascade delete.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10721</b>	<b>CAPI: ERROR: IMS fast path cascade delete level out of order (<i>number</i>)</b>
Explanation:	The UOW Cleanser encountered an error when processing an IMS fast path cascade delete.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10722</b>	<b>CAPI: ERROR: Sequence invalid (end unit of work record before record)</b>
Explanation:	The UOW Cleanser received a restart sequence number that was invalid.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-10723</b>	<b>CAPI: ERROR: Sequence invalid (end unit of work record in error)</b>
Explanation:	The UOW Cleanser received a restart sequence number that was invalid.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-10724</b>	<b>CAPI: ERROR: Sequence invalid (record in error)</b>
Explanation:	The UOW Cleanser received a restart sequence number that was invalid.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-10725</b>	<b>CAPI: ERROR: Restart invalid (subordinate CAPI returned error)</b>
Explanation:	The UOW Cleanser received a restart sequence number that was invalid.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.

<b>PWX-10726</b>	<b>CAPI: Sequence number of end unit of work record</b>
Explanation:	The UOW Cleanser issues this message when directed to print a restart token. It indicates that the following messages apply to the end unit of work's sequence number.
User Response:	No response is required.
<b>PWX-10727</b>	<b>CAPI: Sequence number of record</b>
Explanation:	The UOW Cleanser issues this message when directed to print a restart token. It indicates that the following messages apply to the record's sequence number.
User Response:	No response is required.
<b>PWX-10728</b>	<b>CAPI: ERROR: Begin UOW encountered for existing UOW</b>
Explanation:	The UOW Cleanser encountered a begin unit of work record for a unit of work it believed was already active.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10729</b>	<b>CAPI: ERROR: Existing UOW sequence/restart information</b>
Explanation:	This message is issued in conjunction with message PWX-10728 to indicate the following message relate to the existing unit of work.
User Response:	No response is required.
<b>PWX-10730</b>	<b>CAPI: <i>description</i>: "hex" data "character_data"</b>
Explanation:	The UOW Cleanser uses this message to display binary data.
User Response:	No response is required.
<b>PWX-10731</b>	<b>CAPI: ERROR: Required extended data (<i>description</i>) error</b>
Explanation:	The UOW Cleanser's subordinate CAPI does not support the required extended attribute.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10732</b>	<b>CAPI: Sequence unformattable by UOW cleanser (no bytes or odd number of bytes)</b>
Explanation:	The UOW Cleanser was directed to format a restart sequence value that was invalid.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-10733</b>	<b>CAPI: Incompatible extended data support: <i>description</i></b>
Explanation:	The UOW Cleanser's subordinate CAPI does not support all of a set of required extended attributes.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-10734</b>	<b>CAPI: INFO: Backouts of changes resulted in &lt;number_of_mismatches&gt; symmetry mismatches in transaction &lt;hexadecimal_transaction_identifier&gt;</b>
Explanation:	The UOW Cleanser detected that changes were backed out in an unexpected order. PowerExchange expects changes to be backed out symmetrically, in the reverse order in which they were made. The message indicates the number of symmetry mismatches for the specified committed transaction.
System Action:	CDC processing continues.
User Response:	Examine the source transaction to determine if the symmetry mismatches affect data integrity. If not, no action is required.
<b>PWX-10740</b>	<b>CAPI: INFO: Interval return counts: no data <i>number</i>, commits <i>number</i>, inserts <i>number</i>, updates <i>number</i>, deletes <i>number</i>.</b>
Explanation:	This message is issued based on the MONITORINT parameter in the UOWC CAPI_CONNECTION statement. It reports the number of no data results, commits, inserts, updates, and deletes that the consumer API (CAPI) returned for an extraction during the last monitoring interval.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10741</b>	<b>CAPI: INFO: Interval subordinate read counts: no data <i>number</i>, commits <i>number</i>, inserts <i>number</i>, updates <i>number</i>, deletes <i>number</i>, backouts <i>number</i>.</b>
Explanation:	This message is issued based on the MONITORINT parameter in the UOWC CAPI_CONNECTION statement. It reports the number of no-date results, commits, inserts, updates, deletes, and backouts that a subordinate consumer API (CAPI) read operation returned for an extraction during the last monitoring interval. A subordinate read uses the source-specific CAPI_CONNECTION statement that is associated with the UOWC CAPI_CONNECTION to connect to the source.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10742</b>	<b>CAPI: INFO: Interval resource maximums: Memory cache <i>kilobytes</i> KB, Spill files <i>number_of_spill_files</i>, Concurrent UOWs <i>number_of_UOWs</i>.</b>
Explanation:	This message is issued based on the MONITORINT parameter in the UOWC CAPI_CONNECTION statement. It reports the maximum amount of memory cache, the number of spill files, and the number of concurrent UOWs with data that were in use during the last monitoring interval.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10743</b>	<b>CAPI: INFO: No noteworthy transactions.</b>
Explanation:	No long outstanding or large transactions were active at the end of the last monitoring interval. Long outstanding transactions are those that are active for at least two monitoring intervals, as defined by the MONITORINT parameter in the UOWC CAPI_CONNECTION statement. Large transactions are those that meet the criteria in the LARGEOPS parameter in the UOWC CAPI_CONNECTION statement. This message is followed by message PWX-10749, which identifies the current sequence number.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10744 CAPI: INFO: Transaction with *number\_of\_operations* operations started at *begin\_transaction\_timestamp*.**

Explanation: During the monitoring interval, PowerExchange found a transaction that meets the criteria for being a long outstanding transaction or a large transaction. This message reports, for this transaction, the number of operations and the start timestamp in the format YYYY/MM/DD hh:mm:ss. PowerExchange issues this message based on the MONITORINT parameter in the UOWC CAPI\_CONNECTION statement. This message is followed by message PWX-10747, which provides the transaction ID.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10745 CAPI: INFO: No data returned since the start of this extraction.**

Explanation: The consumer API (CAPI) has not returned data since the current extraction started because no transactions have written changes to sources of interest yet. This message is issued based on the MONITORINT parameter in the UOWC CAPI\_CONNECTION statement. It is issued in place of message PWX-10746.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10746 CAPI: INFO: Last data returned: timestamp *timestamp*, sequence *hexadecimal\_sequence\_number*.**

Explanation: This message is issued based on the MONITORINT parameter in the UOWC CAPI\_CONNECTION statement. It reports the timestamp and hexadecimal sequence number of the last data that the consumer API (CAPI) returned for the current extraction. The *timestamp* value has the format YYYY-MM-DD hh.mm.ss. If the transaction does not contain a timestamp, the *timestamp* value is "UNKNOWN."

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10747 CAPI: INFO: + Transaction ID *hexadecimal\_transaction\_id*, first sequence *hexadecimal\_leaf\_sequence\_number*, userid *user\_id*.**

Explanation: This message provides Information about the transaction that is associated with an allocated spill file. In this message:

- *hexadecimal\_transaction\_id* is the hexadecimal representation of the transaction identifier.
- *hexadecimal\_leaf\_sequence\_number* is the first sequence number that is associated with the transaction.
- *user\_id* is either the user ID that is associated with the transaction, or if no user ID available, the value "N/A."

System Action: CDC processing continues.

User Response: No response is required.

<b>PWX-10748</b>	<b>CAPI: INFO: + Transaction ID <i>hexadecimal_transaction_id</i>, IMS fast path cascade delete processing.</b>
Explanation:	This message provides information about the transaction that is associated with a spill file that the UOW Cleanser allocated while processing an IMS Fast Path cascade delete operation on segments. In this message, the <i>hexadecimal_transaction_id</i> value is the hexadecimal representation of the transaction identifier.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10749</b>	<b>CAPI: INFO: + Current subordinate sequence number <i>hexadecimal_sequence_leaf_number</i>.</b>
Explanation:	This message indicates the current point in the change stream of a subordinate read process for an extraction. A subordinate read uses the source-specific CAPI_CONNECTION statement that is associated with the UOWC CAPI_CONNECTION to connect to the source. In this message, the <i>hexadecimal_leaf_sequence_number</i> is a hexadecimal sequence number that represents the current point in the change stream. If this sequence number is not available, the value "NOT ESTABLISHED" is displayed.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10753</b>	<b>CAPI: INFO: The UOW Cleanser detected that a large transaction committed.</b>
Explanation:	The UOW Cleanser detected that a large transaction was committed. A large transaction is one that meets the criteria in the LARGEOPS parameter of the UOWC CAPI_CONNECTION statement.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10754</b>	<b>CAPI: INFO: The UOW Cleanser detected that a large transaction aborted.</b>
Explanation:	The UOW Cleanser detected that a large transaction ended abnormally. A large transaction is one that meets the criteria in the LARGEOPS parameter of the UOWC CAPI_CONNECTION statement.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10755</b>	<b>CAPI: INFO: + Peak staging resources: operations <i>number_of_operations</i>, size <i>kilobytes</i> KB.</b>
Explanation:	This message reports the peak number of operations and number of kilobytes that was used in staging a large transaction. The transaction was committed or ended abnormally, as reported in associated message PWX-10753 or PWX-10754.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10756</b>	<b>CAPI: INFO: Spill file <i>allocation_number</i> was allocated. File name <i>file_name</i>.</b>
Explanation:	The UOW Cleanser allocated the spill file with the specified file name while staging uncommitted transactions. The allocation number represents how many spill files have been allocated during the extraction.
System Action:	CDC processing continues.

User Response: No response is required. To prevent spill file allocation and thereby conserve disk space, you can increase the cache size in the MEMCACHE parameter of the UOWC CAPI\_CONNECTION statement.

**PWX-10757 CAPI: INFO: Spill file *allocation\_number* was deallocated. File name *file\_name*.**

Explanation: The UOW Cleanser deallocated the spill file with the specified file name. The allocation number represents how many spill files were allocated during the extraction.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10758 CAPI: INFO: Spill file *allocation\_number* was assigned. File name *file name*.**

Explanation: The UOW Cleanser assigned a retained spill file to a new transaction. By default, the UOW Cleanser retains three spill files and reassigns them to new transactions, as needed, to prevent excessive file deallocation and allocation activity.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10759 CAPI: INFO: Spill file *allocation\_number* was kept. File name *file\_name*.**

Explanation: The UOW Cleanser retained the spill file with the specified file name. By default, to avoid excessive dynamic file allocation and deallocation activity, the UOW Cleanser retains three spill files. You can configure the number of spill files that are retained by specifying the SPILLKEEP parameter in the UOWC CAPI\_CONNECTION statement.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10780 CAPI: INFO: Extraction return counts: no data *number*, commits *number*, inserts *number*, updates *number*, deletes *number*.**

Explanation: This message is issued when an extraction ends normally. It reports the number of no data results, commits, inserts, updates, and deletes that the consumer API (CAPI) returned for the extraction.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-10781 CAPI: INFO: Extraction subordinate read counts: no data *number*, commits *number*, inserts *number*, updates *number*, deletes *number*, backouts *number*.**

Explanation: This message is issued when an extraction ends normally. It reports the number of no data results, commits, inserts, updates, and deletes that were returned from consumer API (CAPI) subordinate reads of the source for the extraction. A subordinate read uses the source-specific CAPI\_CONNECTION statement that is associated with the UOWC CAPI\_CONNECTION to connect to the source.

System Action: CDC processing continues.

User Response: No response is required.

<b>PWX-10782</b>	<b>CAPI: INFO: Extraction resource maximums: Memory cache <i>kilobytes</i> KB, Spill files <i>number_of_spill_files</i>, Concurrent UOWs <i>number_of_UOWs</i>.</b>
Explanation:	When an extraction ends normally, this message reports the maximum amount of memory cache, the number of spill files, and the number of concurrent UOWs with data that were in use during the extraction.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10783</b>	<b>CAPI: INFO: Monitor messages begin (<i>timestamp</i>).</b>
Explanation:	This message is the first message issued during a monitoring interval. It indicates the beginning of a set of transaction monitoring messages for the UOW Cleanser. You set the monitoring interval in the MONITORINT parameter of the UOWC CAPI_CONNECTION statement.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10784</b>	<b>CAPI: INFO: Monitor messages end (<i>timestamp</i>).</b>
Explanation:	This message is the last message issued during a monitoring interval. It indicates the end of a set of transaction monitoring messages for the UOW Cleanser. You set the monitoring interval in the MONITORINT parameter of the UOWC CAPI_CONNECTION statement.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-10790</b>	<b>QSTD: MVS spill file allocation failure, error code=0x"error_code_in_ex", info code=0x"info_code_in_hex"</b>
Explanation:	The spill to disk module encountered an error when attempting to allocate a spill data set. The error and info codes are documented in the <i>IBM MVS Programming: Authorized Assembler Services Guide</i> .
System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on error/info codes.
<b>PWX-10791</b>	<b>QSTD: Spill file <i>directory_and_file_name</i> write error "<i>runtime_error_code</i>" (<i>runtime_error_text</i>).</b>
Explanation:	<p>The spill to disk module encountered an error when attempting to write to a spill data set. PowerExchange writes the spill file to one of the following directories:</p> <ul style="list-style-type: none"> <li>• The directory specified by the TMP environment variable on a Windows system, or the TMPDIR environment variable on a Linux or UNIX system.</li> <li>• The directory specified in the DBMOVER configuration file with the TEMP_FILES_DIRECTORY statement.</li> <li>• If a directory is not specified by an environment variable or the in the DBMOVER configuration file, the current directory is used for the spill file.</li> </ul>
System Action:	The system returns an error to the calling software.



User Response:	<p>Attempt to correct the problem based on runtime error information. For example, check for and correct the following conditions:</p> <ul style="list-style-type: none"> <li>• Verify that the directory exists on the machine where the application runs.</li> <li>• Verify that the application has write permission for the directory.</li> <li>• If the TMP or TMPDIR environment variable is not set on the machine where the application runs, you can set the directory by using the appropriate variable, or use the TEMP_FILES_DIRECTORY statement in the DBMOVER configuration file to set the directory.</li> </ul>
<b>PWX-10792</b>	<b>QSTD: i5/OS spill file allocation failure, func=function_name, rc=function_return_code, text=run-time_error_text</b>
Explanation:	The spill to disk module received an error when attempting to allocate a spill data set on the AS/400.
System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on runtime error information.
<b>PWX-10793</b>	<b>QSTD: Spill file allocation failure, func=function_name, rc=function_return_code, text=run-time_error_text</b>
Explanation:	The spill to disk module received an error when attempting to allocate a spill data set on a UNIX platform.
System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on runtime error information.
<b>PWX-10794</b>	<b>QSTD: Spill file function_name error (function_return_code) run-time_error_text</b>
Explanation:	The spill to disk module received an error when attempting to operate on a spill data set.
System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on runtime error information.
<b>PWX-10800</b>	<b>Oracle Capture: Unable to allocate memory.</b>
Explanation:	Oracle Capture was unable to allocate memory to store the data specified in the message.
System Action:	Oracle Capture processing ends.
User Response:	Correct the problem that caused the memory shortage.
<b>PWX-10801</b>	<b>Oracle Capture: Internal error: Null Token address passed to &lt;function_name&gt;.</b>
Explanation:	Storage common to the PowerExchange Capture modules was lost.
System Action:	Oracle Capture processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-10803</b>	<b>Oracle Capture: Internal error: &lt;function_name&gt; could not find a platform token.</b>
Explanation:	Storage common to the PowerExchange Oracle Capture modules was lost.
System Action:	Oracle Capture processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.

<b>PWX-10804</b>	<b>Oracle Capture: Internal error: <i>&lt;function_name&gt;</i> found an invalid eyecatcher <i>&lt;data_value&gt;</i> in the platform token.</b>
Explanation:	Storage common to the PowerExchange Oracle Capture modules was lost or corrupted.
System Action:	Oracle Capture processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-10805</b>	<b>Oracle Capture: Platform token Version mismatch in <i>&lt;function_name&gt;</i>. Received: <i>&lt;version.release.modification_level.patch_level&gt;</i>. Expected: <i>&lt;version.release.modification_level.patch_level&gt;</i>.</b>
Explanation:	A version level mismatch was discovered in PowerExchange Oracle Capture.
System Action:	Oracle Capture processing ends.
User Response:	This is most likely caused by incorrect settings in your environment variables. Verify that your path and shared library path variables are set to point to the same PowerExchange binaries. A secondary cause of this message could be an incomplete or failed installation of the PowerExchange software.
<b>PWX-10806</b>	<b>Oracle Capture: Missing function in oci shared library <i>&lt;Oracle_OCI_library_name&gt;</i> : <i>&lt;Oracle_OCI_function_name&gt;</i>.</b>
Explanation:	Either the Oracle OCI shared library was not found, or a required function of the OCI was not found in the OCI shared library.
System Action:	Oracle Capture processing ends.
User Response:	This is most likely caused by incorrect settings in your Oracle environment variables. Ensure that your path, shared library path, and ORACLE_HOME variables are set properly. In AIX environments, it is possible for this message to be generated due to an incomplete or failed installation of the PowerExchange software.
<b>PWX-10807</b>	<b>Oracle Capture: WARNING: Unrecognized attribute:value <i>&lt;keyword:value&gt;</i> passed to Oracle Capture interface.</b>
Explanation:	An unknown keyword was found in the CAPI_CONNECTION (TYPE=ORCL) statement in your DBMOVER configuration file.
System Action:	Oracle Capture ignores the keyword and continues
User Response:	To get rid of the warning, edit your DBMOVER configuration file and remove the offending keyword.
<b>PWX-10808</b>	<b>Oracle Capture: error_occurred, RC <i>&lt;OCI_return_code&gt;</i> while allocating the following item. Oracle messages follow.</b>
Explanation:	An Oracle error occurred when attempting to allocate required Oracle data structures.
System Action:	Oracle Capture processing ends.
User Response:	Accompanying messages display the Oracle error explanation. Fix the problem described by the Oracle error explanation and restart Oracle Capture.
<b>PWX-10809</b>	<b>Oracle Error Code <i>&lt;OCI_error_code&gt;</i>: Error message follows.</b>
Explanation:	An Oracle OCI error occurred.
System Action:	Oracle capture processing ends abnormally.

User Response: This message is one in a series of messages that PowerExchange issues when an Oracle call fails. To determine the cause of the failure, review the messages that occur before and after this message in the message log. Then fix the problem and restart Oracle capture processing.

**PWX-10810 Oracle Capture: OCI call succeeded.**

Explanation: The Oracle OCI call was successful.

System Action: Oracle Capture processing continues.

User Response: No response is required. This message is only generated when Informatica Global Customer Support requests that certain PowerExchange traces be turned on to help debug an existing problem.

**PWX-10811 Oracle Capture: OCI call succeeded with information messages.**

Explanation: The Oracle OCI call succeeded.

System Action: Oracle Capture processing continues.

User Response: Review the additional Oracle informational messages that follow.

**PWX-10812 Oracle Capture: Unable to determine OCI error. A null error handle was passed.**

Explanation: An internal error occurred. PowerExchange cannot identify an OCI error because a null error handle was passed to the Oracle capture error handler.

System Action: Oracle capture processing ends abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-10813 Oracle Capture: Unable to determine OCI error. A recursive error situation was discovered.**

Explanation: An OCI call for accessing an Oracle error message for a previous error failed. This situation can occur because a SHUTDOWN IMMEDIATE or SHUTDOWN ABORT command was sent to the Oracle instance.

System Action: Oracle change capture processing ends abnormally.

User Response: Verify that the Oracle instance is available. To diagnose problems with the Oracle instance, review the Oracle message logs.

**PWX-10814 Oracle Capture: OCI call is missing required data.**

Explanation: An invalid Oracle OCI call was attempted.

System Action: Oracle Capture processing ends.

User Response: This is an internal error. Contact Informatica Global Customer Support.

**PWX-10815 Oracle Capture: The handle type passed to the OCI call was incorrect.**

Explanation: The storage required to communicate with Oracle was lost or corrupted.

System Action: Oracle Capture processing ends.

User Response: This is an internal error. Contact Informatica Global Customer Support.

**PWX-10816 Oracle Capture: The OCI call is non-blocking, but was treated as a blocking call.**

Explanation: PowerExchange Oracle Capture did not handle an Oracle OCI call properly.

System Action:	Oracle Capture processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-10817</b>	<b>Oracle Capture: Unknown OCI failure code &lt;return_code&gt;.</b>
Explanation:	An unknown return code was passed to PowerExchange Oracle Capture from Oracle.
System Action:	Oracle Capture processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-10818</b>	<b>Oracle Capture: error_occurred while attaching to server &lt;Oracle_instance_name&gt; (from &lt;dtlcfg_file ORACLE_SID default_location&gt;). Rc = &lt;return_code&gt;. Oracle messages follow.</b>
Explanation:	Oracle Capture could not connect to the specified Oracle instance.
System Action:	Oracle Capture processing ends.
User Response:	The “from” clause of this error message specifies where Oracle capture retrieved the instance name to which it is attempting to connect. Inspect the following messages to determine the reason for the failure, correct the problem, and restart Oracle Capture.
<b>PWX-10819</b>	<b>Oracle Capture: error_occurred while setting &lt;Oracle_connection_value&gt; attribute of &lt;Oracle_connection_attribute&gt;. Rc = &lt;return_code&gt;. Oracle messages follow.</b>
Explanation:	PowerExchange Oracle Capture encountered an error while trying to set the specified value of the specified connection attribute.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the messages that follow to determine the cause of the error, fix the problem, and restart Oracle Capture.
<b>PWX-10820</b>	<b>Oracle Capture: error_occurred while beginning session with server &lt;Oracle_instance&gt; using userid &lt;Oracle_user_ID&gt;. Rc = &lt;return_code&gt;. Oracle messages follow.</b>
Explanation:	Oracle Capture could not connect to the specified Oracle instance using the specified Oracle user ID.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle capture could not connect to the specified Oracle instance. Fix the problem and restart Oracle Capture.
<b>PWX-10821</b>	<b>Oracle Capture: error_occurred while determining Oracle server version. Rc = &lt;return_code&gt;. Oracle messages follow.</b>
Explanation:	Oracle Capture could not determine the version of Oracle that is running on the server to which it is connected.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle could not access the Oracle version information. Fix the problem and restart Oracle Capture.
<b>PWX-10822</b>	<b>Oracle Capture: Oracle session setup successful:</b>
Explanation:	Oracle Capture initialization completed successfully.
System Action:	Oracle Capture processing continues.
User Response:	No response is required.

<b>PWX-10823</b>	<b>Oracle Capture: <i>error_occurred</i>, RC <i>&lt;return_code&gt;</i> while preparing the following statement. Oracle messages follow.</b>
Explanation:	Oracle Capture could not issue an SQL PREPARE for the statement that follows.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle Capture could not prepare the statement. Fix the problem and restart Oracle Capture.
<b>PWX-10824</b>	<b>Oracle Capture: <i>error_occurred</i>, RC <i>&lt;return_code&gt;</i> while executing the following statement. Oracle messages follow.</b>
Explanation:	Oracle Capture could not issue an SQL EXECUTE IMMEDIATE for the statement that follows.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle Capture could not execute the statement. Fix the problem and restart Oracle Capture.
<b>PWX-10825</b>	<b>Oracle Capture: Read ended due to reason.</b>
Explanation:	During change data capture, a PowerExchange LogMiner CDC for Oracle read operation on the Oracle logs ended for the specified reason. Usually, this reason is an End of Data event from Oracle.
System Action:	Depending on the reason, PowerExchange capture processing ends or calls the read function again and continues.
User Response:	No response is required.
<b>PWX-10826</b>	<b>Oracle Capture: <i>error_occurred</i>, RC <i>&lt;return_code&gt;</i> while accessing <i>&lt;attribute_name&gt;</i> attribute for the following statement. Oracle messages follow.</b>
Explanation:	Oracle Capture could not retrieve the specified attribute of the table specified in the SQL statement that follows.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle Capture could not retrieve the specified information for the table. Fix the problem and restart Oracle Capture.
<b>PWX-10828</b>	<b>CATEND parm <i>&lt;value&gt;</i> must be in 24-hour HH:MM format.</b>
Explanation:	The CATEND keyword in the dbmover.cfg CAPI_CONNECTION (TYPE=ORCL) statement contains an invalid value.
System Action:	Oracle Capture ends
User Response:	Fix the value in the DBMOVER configuration file and restart Oracle Capture.
<b>PWX-10829</b>	<b>CATBEGIN parm <i>&lt;value&gt;</i> must be in 24-hour HH:MM format.</b>
Explanation:	The CATBEGIN keyword in the dbmover.cfg CAPI_CONNECTION (TYPE=ORCL) statement contains an invalid value.
System Action:	Oracle Capture ends
User Response:	Fix the value in the DBMOVER configuration file and restart Oracle Capture.

<b>PWX-10830</b>	<b>Oracle Capture: <i>error_occurred</i>, RC <i>&lt;return_code&gt;</i> while defining SELECT variables for the following statement. Oracle messages follow.</b>
Explanation:	Oracle returned an error while attempting to define SQL host variables for the SQL statement that follows.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle would not allow the definition to occur. Fix the problem and restart Oracle Capture.
<b>PWX-10831</b>	<b>Oracle Capture: <i>error_occurred</i> while attempting to end the OCI session. Rc = <i>&lt;return_code&gt;</i>. Oracle messages follow.</b>
Explanation:	Oracle returned an error when Oracle Capture attempted to end its session with the Oracle instance.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle would not allow the session to end. Fix the problem and restart Oracle Capture.
<b>PWX-10832</b>	<b>Oracle Capture: <i>error_occurred</i> while attempting to detach from the server. Rc = <i>&lt;return_code&gt;</i>. Oracle messages follow.</b>
Explanation:	Oracle returned an error when Oracle Capture attempted to end its session with the Oracle instance.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle would not allow the session to end. Fix the problem and restart Oracle Capture.
<b>PWX-10833</b>	<b>Oracle Capture: <i>error_occurred</i> while attempting to free the OCI environment. Rc = <i>&lt;return_code&gt;</i>. Oracle messages follow.</b>
Explanation:	Oracle returned an error when Oracle Capture attempted to free the storage it used to communicate with the Oracle instance.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle would not allow the storage to be freed. Fix the problem and restart Oracle Capture.
<b>PWX-10834</b>	<b>Oracle Capture: <i>error_occurred</i> while querying Oracle V\$DATABASE. Rc = <i>&lt;return_code&gt;</i>. Oracle messages follow.</b>
Explanation:	Oracle returned an error when Oracle Capture attempted to access the V\$DATABASE Oracle dynamic view.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle would not allow access to the V\$DATABASE dynamic view. Fix the problem and restart Oracle Capture.
<b>PWX-10835</b>	<b>Oracle Capture: Minimal supplemental logging is not active. Oracle capture cannot continue.</b>
Explanation:	Minimal supplemental logging, as described in Chapter 9 of the Oracle 9i Database Administrator's Guide, is not active.
System Action:	Oracle Capture processing ends.

User Response: The user should log on to Oracle and issue the following command: ALTER DATABASE ADD SUPPLEMENTAL LOG DATA Note that if this occurs, any attempt to capture data before this point in the Oracle log might result in invalid or missing data.

**PWX-10836 Oracle Capture: Null restart token passed to Oracle Capture.**

Explanation: Oracle Capture was not passed any information to allow it to determine where it should start reading the Oracle log.

System Action: Oracle Capture processing ends.

User Response: This is most likely an operational error. It usually occurs when a new Oracle table is incorrectly defined to PowerExchange. Review the procedures you used to define your tables to PowerExchange, and ensure that all necessary actions are completed. Fix any problems and restart Oracle Capture.

**PWX-10837 Oracle Capture: Invalid restart token passed to Oracle Capture: *Explanation.***

Explanation: The restart information passed to Oracle Capture is invalid. The rest of the message describes the details of the problem.

System Action: Oracle Capture processing ends.

User Response: This is most likely an operational error. It either occurs when a new Oracle table is incorrectly defined to PowerExchange, when a request to capture uses restart information from a different Oracle instance than the one to which Oracle Capture is connecting, or when a non-Oracle data source is passed to Oracle Capture. It can also happen if the restart information was manually adjusted in an incorrect manner. Determine the source of the problem, fix the problem, and restart Oracle Capture.

**PWX-10838 Oracle Capture: Invalid restart token restart SCN passed to Oracle Capture: *Explanation.***

Explanation: The restart information passed to Oracle Capture is invalid. The rest of the message describes the details of the problem.

System Action: Oracle Capture processing ends.

User Response: This is most likely an operational error. It either occurs when a new Oracle table is incorrectly defined to PowerExchange, when a request to capture uses restart information from a different Oracle instance than the one to which Oracle Capture is connecting, or when a non-Oracle data source is passed to Oracle Capture. It can also happen if the restart information was manually adjusted in an incorrect manner. Determine the source of the problem, fix the problem, and restart Oracle Capture.

**PWX-10839 Oracle Capture: Restart token sequence SCN is less than restart SCN.**

Explanation: The restart information passed to Oracle Capture is invalid. The rest of the message describes the details of the problem.

System Action: Oracle Capture processing ends.

User Response: This is most likely an operational error. It either occurs when a new Oracle table is incorrectly defined to PowerExchange, when a request to capture uses restart information from a different Oracle instance than the one to which Oracle Capture is connecting, or when a non-Oracle data source is passed to Oracle Capture. It can also happen if the restart information was manually adjusted in an incorrect manner. Determine the source of the problem, fix the problem, and restart Oracle Capture.

<b>PWX-10840</b>	<b>Oracle Capture: Unable to initialize LOB storage queuing environment.</b>
Explanation:	Oracle Capture was unable to initialize the temporary storage method used to store LOB pieces until a complete piece can be sent.
System Action:	Oracle Capture processing ends.
User Response:	This message is currently unused. Oracle Capture does not support LOB data.
<b>PWX-10841</b>	<b>Oracle Capture: Unable to find registration information for source &lt;registration_tag&gt;.</b>
Explanation:	The registration information for the data source represented by the given registration tag was not found in the repository.
System Action:	Oracle Capture processing ends.
User Response:	Verify your dbmover.cfg parameters to ensure that Oracle capture is connecting to the correct repository. Verify the definition of the registration tag to ensure that it is marked "active." Ensure that the registration tag points to an Oracle table.
<b>PWX-10842</b>	<b>Oracle Capture: Registration tags &lt;registration_tag&gt; and &lt;registration_tag&gt; both point to source table &lt;"owner". "table_name"&gt;.</b>
Explanation:	A duplicate registration was found for the specified table.
System Action:	Oracle Capture processing ends.
User Response:	If this error occurs, contact Informatica Global Customer Support.
<b>PWX-10843</b>	<b>Oracle Capture: Unable to insert source table information into hash table.</b>
Explanation:	Oracle Capture was unable to allocate storage in which to keep information about the tables being captured.
System Action:	Oracle Capture processing ends.
User Response:	Inspect any previous error messages and follow the instructions provided for the user response for those error messages.
<b>PWX-10900</b>	<b>Oracle Capture: Registration for table &lt;owner&gt;.&lt;table_name&gt; contains duplicate column name &lt;column_name&gt;.</b>
Explanation:	The PowerExchange registration of the specified table has duplicate definitions for the specified column.
System Action:	Oracle Capture processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-10901</b>	<b>Oracle Capture: error_occurred, RC &lt;return_code&gt; while binding variables for the following statement. Oracle messages follow.</b>
Explanation:	Oracle returned an error when Oracle Capture tried to create host variables for the following SQL statement.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages. Determine what caused the problem, fix it, and restart Oracle Capture.



<b>PWX-10902</b>	<b>Oracle Capture: <i>error_occurred</i> while finding Catalog on archived log. Rc = &lt;return_code&gt;. Oracle messages follow.</b>
Explanation:	Oracle Capture encountered an error while attempting to find a copy of the Oracle catalog on the Oracle log.
System Action:	Oracle Capture processing ends.
User Response:	Inspect error messages both before and after this message. Follow the instructions provided in the user response for these messages to resolve the problem, and restart Oracle Capture.
<b>PWX-10903</b>	<b>Oracle Capture: Error while accessing hash table.</b>
Explanation:	Oracle Capture could not access internal information about the tables for capture.
System Action:	Oracle Capture processing ends.
User Response:	Inspect error messages both before and after this message. Follow the instructions provided in the user response for these messages to resolve the problem, and restart Oracle Capture.
<b>PWX-10904</b>	<b>Oracle Capture: Transactions are active during restart point generation. It is possible that changes can be skipped.</b>
Explanation:	The Capture initialization process has discovered that Oracle transactions are active during the generation of a restart point for Oracle Capture.
System Action:	The utility continues.
User Response:	Ensure that the active transactions do not access the Oracle tables that are input to the Capture initialization process. If active transactions access these tables, and the generated restart point is used to restart Oracle Capture, the changes made by the active transactions is not captured.
<b>PWX-10905</b>	<b>Oracle Capture: NULL Read segment size request.</b>
Explanation:	This message is for future use.
System Action:	Oracle Capture processing ends.
User Response:	This message is unused at this time.
<b>PWX-10906</b>	<b>Oracle Capture: Invalid input received for Read segment size request.</b>
Explanation:	This message is for future use.
System Action:	Oracle Capture processing ends.
User Response:	This message is unused at this time.
<b>PWX-10907</b>	<b>Oracle Capture: Unsupported PowerExchange column type &lt;column_type&gt; found for table &lt;owner&gt;.&lt;table_name&gt;, column &lt;column_name&gt;.</b>
Explanation:	The specified column has a data type that is unsupported by Oracle Capture.
System Action:	Oracle Capture processing ends.
User Response:	Remove the column from the PowerExchange repository definition of the specified table and restart Oracle Capture.

<b>PWX-10908</b>	<b>Oracle Capture: <i>error_occurred</i> while finding supplemental log groups. Rc = <i>&lt;return_code&gt;</i>. Oracle messages follow.</b>
Explanation:	An error occurred while attempting to find Oracle supplemental log groups for the tables to be captured.
System Action:	Oracle Capture processing ends.
User Response:	Inspect error messages both before and after this message. Follow the instructions provided in the user response for these messages to resolve the problem, and restart Oracle Capture.
<b>PWX-10909</b>	<b>Oracle Capture: Column <i>&lt;column_name&gt;</i> of table <i>&lt;owner&gt;.&lt;table_name&gt;</i> does not belong to a supplemental log group with the ALWAYS option.</b>
Explanation:	The specified column does not belong to a supplemental log group of the required type.
System Action:	Oracle Capture processing ends.
User Response:	<p>This message is usually generated for one of the following reasons:</p> <ul style="list-style-type: none"> <li>• A <i>schema_name</i> override was specified in the PWXPC Application Connection definition being used for the failing PowerCenter® session. This override is case sensitive, and was entered in lower case.</li> <li>• A <i>schema_name</i> override was specified in the PWXPC Application Connection definition being used for the failing PowerCenter session, and has not altered the DDL created by the PowerExchange Capture registration process to point to the correct schema, or has not run the altered DDL.</li> <li>• The DDL that was created by the PowerExchange Capture registration process was not executed.</li> <li>• The table definition was altered, but the PowerExchange Capture registration was not recreated.</li> </ul>
<b>PWX-10911</b>	<b>Oracle Capture: <i>error_occurred</i> while describing Oracle LogMiner contents table. Rc = <i>&lt;return_code&gt;</i>. Oracle messages follow.</b>
Explanation:	Oracle Capture encountered an error while defining host variables to contain data from the V \$LOGMNR_CONTENTS table.
System Action:	Oracle Capture processing ends.
User Response:	Inspect error messages both before and after this message. Follow the instructions provided in the user response for these messages to resolve the problem, and restart Oracle Capture.
<b>PWX-10912</b>	<b>Oracle Capture: LogMiner error: <i>Error_type</i> in {Before image After image} at column <i>&lt;offset&gt;</i>. SCN = <i>&lt;Oracle_SCN&gt;</i>. SCN record sequence = <i>&lt;nth_record_with_this_Oracle_SCN&gt;</i>. Data follows.</b>
Explanation:	Oracle Capture was unable to parse the SQL statement returned by LogMiner.
System Action:	Oracle Capture processing ends.
User Response:	This is most likely caused by an attempt to capture a column that contains LogMiner SQL output. This situation causes a recursion error, and is not supported at this time. If this is not the case, contact Informatica Global Customer Support.

<b>PWX-10913</b>	<b>Oracle Capture: Single instance mode was requested without specifying log destination and/or thread parameters.</b>
Explanation:	The user specified "SNGLINST=Y" in the dbmover.cfg CAPL_CONNECTION TYPE=ORCL statement, and did not specify both the LOGDEST and LGTHREAD keywords.
System Action:	Oracle Capture processing ends.
User Response:	When running in single instance mode, you must specify both LOGDEST and LGTHREAD parameters as well. These are the parameters that tell Oracle Capture that instance's logs to use for the capture process.
<b>PWX-10914</b>	<b>Oracle Capture: An attempt was made to remove an unknown transaction id &lt;Oracle_transaction_ID&gt; from the active transaction list.</b>
Explanation:	This is an internal error.
System Action:	Oracle Capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10915</b>	<b>Oracle Capture: No active transactions were found when attempting to format a change record.</b>
Explanation:	This is an internal error.
System Action:	Oracle Capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10916</b>	<b>Oracle Capture: LogMiner error: Invalid record timestamp. SCN = &lt;Oracle_SCN&gt;. SCN record sequence = &lt;nth_record_with_this_SCN&gt;. Data = &lt;timestamp_string&gt;.</b>
Explanation:	Oracle Capture could not format the timestamp of the change record returned by LogMiner
System Action:	Oracle Capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10917</b>	<b>Oracle Capture: Column &lt;column_name&gt; of table &lt;OWNER&gt;.&lt;table_name&gt; not registered. The registration is defined to require mapping all columns.</b>
Explanation:	Oracle Capture encountered a column that is not part of the PowerExchange registration for the specified table, and the table was registered with the "Select all and notify changes" option.
System Action:	Oracle Capture processing ends.
User Response:	Reregister the table to include the specified column, or reregister the table without the "Select all and notify changes" option.
<b>PWX-10918</b>	<b>Oracle Capture: Column &lt;column_name&gt; of table &lt;OWNER&gt;.&lt;table_name&gt; is required. No data exists for it. SCN = &lt;Oracle_SCN&gt;. SCN record sequence = &lt;nth_record_with_this_SCN&gt;.</b>
Explanation:	No data was found for the column in question during a captured SQL operation.
System Action:	Oracle Capture processing ends.

User Response: Because of the supplemental logging requirements for Oracle Capture, data for all columns should always exist during any captured SQL operation for the table involved. This message means that the table was altered or redefined, removing the column in question from the table's definition in the Oracle catalog. The user should reregister the table to PowerExchange.

**PWX-10919 Oracle Capture: Queue error retrieving data for column *<column\_name>* of table *<OWNER>.<table\_name>*. SCN = *<Oracle\_SCN>*. SCN record sequence = *<nth\_record\_with\_this\_SCN>*.**

Explanation: This message is not currently used.

System Action: Oracle Capture processing ends.

User Response: This message is not currently used.

**PWX-10920 Oracle Capture: Unable to Delete LOB storage queue.**

Explanation: This message is not currently used.

System Action: Oracle Capture processing ends.

User Response: This message is not currently used.

**PWX-10921 Oracle Capture: Begin UOW SCN *<Oracle\_SCN>* is less than previously processed SCN *<Oracle\_SCN>*.**

Explanation: This message is not currently used.

System Action: Oracle Capture processing ends.

User Response: This message is not currently used.

**PWX-10922 Oracle Capture: Data error in ("Before image"|"After image"). Messages follow.**

Explanation: A data conversion error occurred while processing the current log record.

System Action: Oracle Capture processing ends.

User Response: Inspect the error messages both before and after this message to retrieve the details of the error. The details include the table and column in error, and the data that caused the conversion error. This is most likely caused when the Oracle definition of the table in question and the PowerExchange registration definition of the table do not match. Reregister your table to PowerExchange, using the correct definition for the table.

**PWX-10923 Oracle Capture: Table/column in error: *<OWNER>.<table\_name>.<column\_name>*. SCN = *<Oracle\_SCN>*. SCN record sequence = *<nth\_record\_with\_this\_SCN>*.**

Explanation: The specified column contains data that does not match the PowerExchange registration definition of the table.

System Action: Oracle Capture processing ends.

User Response: This message is issued with message PWX-10922. See the user response for message PWX-10922.

**PWX-10924 Oracle Capture: LogMiner statement in error follows.**

Explanation: The following LogMiner statement contains data that does not match the PowerExchange registration definition of the table specified in the statement.

System Action: Oracle Capture processing ends.

User Response: This message is issued with message PWX-10922. See the user response for message PWX-10922.

**PWX-10931 Queue error occurred while storing data**

Explanation: This message is currently not used.

User Response: This message is currently not used.

**PWX-10953 Oracle Capture: Restart token sequence info is missing.**

Explanation: The Oracle Capture restart token for a previously-specified capture source does not contain sequence information. This is normal during restart processing.

System Action: Oracle Capture processing continues.

User Response: No response is required.

**PWX-10954 Oracle Capture: Restart token sequence info follows.**

Explanation: Information used to perform Oracle Restart is printed out.

System Action: Oracle Capture processing continues.

User Response: No response is required.

**PWX-10955 Oracle Capture: Restart token Oracle DBNAME: <Oracle\_database\_name>**

Explanation: This message reports the name of the Oracle database to which Oracle capture process is connected.

System Action: Capture processing continues.

User Response: No response is required, unless a restart error occurs. If a restart error occurs, use the ORACOLL parameter in the CAPI\_CONNECTION(TYPE=ORCL) statement in the DBMOVER configuration file to find the system with the PowerExchange Listener. Also, review the fourth parameter in the ORACLEID statement to ensure that the Oracle connection string points to the same Oracle instance as the restart token.

**PWX-10956 Oracle Capture: Restart token restart info Start Read SCN: <Oracle\_SCN>**

Explanation: This specifies the Oracle SCN at which Oracle Capture starts reading Oracle log data.

System Action: Oracle Capture processing continues.

User Response: No response is required.

**PWX-10957 Oracle Capture: Restart token restart info Start Return Data SCN: <Oracle\_SCN>**

Explanation: This specifies the Oracle SCN at which Oracle Capture starts returning Oracle log data to the caller.

System Action: Oracle Capture processing continues.

User Response: No response is required.

**PWX-10958 Oracle Capture: Restart token sequence info SCN: <Oracle\_SCN>**

Explanation: This specifies the Oracle SCN portion of the internal change sequence number of the last record that the Oracle Capture caller processed.

System Action: Oracle Capture processing continues.

User Response:	No response is required.
<b>PWX-10959</b>	<b>Oracle Capture: Restart token sequence info SCN sequence: &lt;Oracle_SCN&gt;</b>
Explanation:	This specifies an Oracle Capture-generated portion of the internal change sequence number of the last record that the Oracle Capture caller processed.
System Action:	Oracle Capture processing continues.
User Response:	No response is required.
<b>PWX-10961</b>	<b>Oracle Capture: Oracle SID &lt;Oracle_SID&gt; from collection id &lt;collection_ID&gt; does not match connected SID &lt;Oracle_SID&gt;.</b>
Explanation:	The Oracle connect strings for the repository and the capture point to different Oracle instances.
System Action:	Oracle Capture processing ends.
User Response:	Ensure that parameters 3 and 4 of the dbmover.cfg ORACLEID statement pointed to by your local dbmover.cfg CAPI_CONNECTION (TYPE=ORCL) statement point to the same Oracle instance.
<b>PWX-10962</b>	<b>Oracle Capture: error_occurred while querying Oracle V\$PARAMETER. Rc = &lt;return_code&gt;. Oracle messages follow.</b>
Explanation:	Oracle Capture could not access the V\$PARAMETER dynamic view.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the error messages both before and after this message, perform the error recovery specified in the user response fields for these messages, and restart Oracle Capture.
<b>PWX-10963</b>	<b>Oracle Capture: error_occurred, RC &lt;return_code&gt; while performing the following attribute processing. Oracle messages follow.</b>
Explanation:	Oracle Capture encountered errors attempting to set Oracle OCI session parameters.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the error messages both before and after this message, perform the error recovery specified in the user response fields for these messages, and restart Oracle Capture.
<b>PWX-10964</b>	<b>ORCL Warn: Table creator.table_name has ROW MOVEMENT enabled. ROWID is not available.</b>
Explanation:	A registered Oracle table has row movement enabled. PowerExchange Oracle CDC with LogMiner does not capture ROWID values for the table because row movement can cause the ROWID values to change. This message is issued when the ROWID parameter in the ORCL CAPI_CONNECTION statement in the dbmover configuration file is set to Y or ALLOW.
System Action:	PowerExchange capture processing ends if the ROWID parameter is set to Y. PowerExchange capture processing continues if the ROWID parameter is set to ALLOW.
User Response:	If the ROWID parameter is set to Y but you want capture processing to continue when PowerExchange encounters a table that has row movement enabled, set the ROWID parameter to ALLOW. If you do not want to PowerExchange to check whether tables have row movement enabled and do not need to capture ROWID values, set the ROWID parameter to N.

<b>PWX-10965</b>	<b>Oracle change data capture ended abnormally.</b>
Explanation:	PowerExchange encountered an error that caused Oracle change data capture to end abnormally.
System Action:	The PowerExchange call fails.
User Response:	To determine the cause of the failure, review the messages prior to this one in the message log.
<b>PWX-10966</b>	<b>Oracle Capture: Internal error: Unable to find source restart info for table &lt;OWNER&gt;.&lt;table_name&gt;, PowerExchange tag &lt;registration_tag_name&gt;.</b>
Explanation:	The Oracle Capture caller failed to send restart information to Oracle capture for the specified table.
System Action:	Oracle Capture processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-10967</b>	<b>Oracle Capture: error_occurred while determining SCN start/end differential. Rc = &lt;return_code&gt;. Oracle messages follow.</b>
Explanation:	Oracle Capture could not determine the differential between the current SCN and its restart SCN.
System Action:	Oracle Capture processing ends.
User Response:	Inspect the following error messages to determine why Oracle could not access this information. Oracle Capture performs this operation through a SELECT from SYS1.DUAL. The problem is most likely due to accessibility problems to this table. Fix the problem and restart Oracle Capture.
<b>PWX-10970</b>	<b>Oracle Capture: Unformatted log data found at SCN &lt;Oracle_SCN&gt; sequence &lt;nth_instance_of_SCN&gt;.</b>
Explanation:	LogMiner did not format the log data found at the reported Oracle SCN.
System Action:	Oracle Capture ends or continues based on dbmover.cfg parameter BYPASSUF value. If 'Y' is specified it continues. If not, Oracle Capture processing ends. See Reference Manual for more detail on the use of the BYPASSUF parameter.
User Response:	Contact Informatica Global Customer Support if running with BYPASSUF=Y is not specified and Oracle Capture processing ends.
<b>PWX-10971</b>	<b>Oracle Capture: WARNING: Unrecognized override:value &lt;override_name&gt;.&lt;override_value&gt; passed to Oracle Capture interface.</b>
Explanation:	Oracle Capture received an unknown override parameter from its caller.
System Action:	Oracle Capture processing continues.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-10972</b>	<b>Oracle Capture: Cannot capture multiple schemas when using schema override.</b>
Explanation:	Oracle Capture received an request to capture tables in multiple schemas when the user specified the ORASchema override as a DBMOVE input parameter.
System Action:	Oracle Capture processing ends.

User Response: Create a new DBMOVE task for all tables that do not exist in the schema you wish to override, and remove those tables from the current DBMOVE task.

**PWX-10973 Oracle Capture: Processing registration for table <schema\_name>.<table\_name>**

Explanation: Oracle Capture is reading the capture registration of the specified table.

System Action: Oracle Capture processing continues.

User Response: No response is required.

**PWX-10974 Oracle Capture: Using registration for table <schema\_name>.<table\_name> to process override table <schema\_name>.<table\_name>**

Explanation: Oracle Capture is using the capture registration of the first table to process the second table, as per the override instructions passed to Oracle Capture.

System Action: Oracle Capture processing continues.

User Response: No response is required.

**PWX-10975 Oracle Capture: Using registration for table <schema\_name>.<table\_name> to process global override table <schema\_name>.<table\_name>**

Explanation: Oracle Capture is using the capture registration of the first table to process the second table, as per the global schema override name passed to Oracle Capture.

System Action: Oracle Capture processing continues.

User Response: No response is required.

**PWX-10976 Oracle Capture: Duplicate transaction *transaction\_id* found at SCN <SCN>, SCN record sequence <nth\_record\_with\_this\_SCN>.**

Explanation: Oracle Capture found a "begin transaction" record for an active transaction ID for which Oracle LogMiner has already reported change data.

System Action: Oracle Capture processing ends.

User Response: This is possibly an Oracle LogMiner error. Contact Informatica Global Customer Support.



## CHAPTER 2

# PWX-11000 to PWX-15999

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## PWX-11000 to PWX-11999

<b>PWX-11000</b>	<b>HASH: Internal error: Null token pointer passed to <i>function_name</i>.</b>
Explanation:	The shared data pointer necessary for PowerExchange's internal hashing functions is missing.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11001</b>	<b>HASH: Unable to allocate storage for <i>data_description</i>.</b>
Explanation:	The internal PowerExchange hashing function was unable to allocate the required storage.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	Determine why a storage shortage exists for the process. Correct the problem and retry the function.
<b>PWX-11002</b>	<b>HASH: Invalid eyecatcher passed to <i>function_name</i>: &lt;eyecatcher_value&gt;.</b>
Explanation:	The shared storage necessary for PowerExchange internal hashing functions was corrupted.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11003</b>	<b>HASH: Invalid token address passed to <i>function_name</i>: passed = &lt;hex_address&gt;; expected = &lt;hex_address&gt;.</b>
Explanation:	The shared storage necessary for PowerExchange internal hashing functions was corrupted.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.

User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11004</b>	<b>HASH: Internal error: Cannot destroy a non-empty hash table.</b>
Explanation:	An internal PowerExchange function attempted to destroy a hash table without processing the contents of the table.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11005</b>	<b>HASH: No key value was passed to <i>function_name</i>.</b>
Explanation:	An internal PowerExchange function attempted to retrieve or insert data into a hash table without providing a hashing key for the data.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11006</b>	<b>HASH: Internal error: Null object pointer passed to <i>function_name</i>.</b>
Explanation:	An internal PowerExchange function attempted to insert data into a hash table without providing the data to be inserted.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11007</b>	<b>HASH: Internal error: Null retrieval token pointer passed to <i>function_name</i>.</b>
Explanation:	An internal PowerExchange function attempted to serially retrieve the data in a hash table without providing the data necessary to determine that function's current position in the table.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11008</b>	<b>HASH: Internal error: No token passed to <i>function_name</i>.</b>
Explanation:	The shared data pointer necessary for PowerExchange internal hashing functions is missing.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11009</b>	<b>HASH: Internal error: No retrieval token passed to <i>function_name</i>.</b>
Explanation:	An internal PowerExchange function attempted to serially retrieve the data in a hash table without providing the data necessary to determine that function's current position in the table.
System Action:	Depends on the PowerExchange function that is using the hashing functionality.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-11010</b>	<b>HASH: Invalid retrieval token address passed to <i>function_name</i>: passed = &lt;hex_address&gt;; expected = &lt;hex_address&gt;.</b>
Explanation:	An internal PowerExchange function attempted to retrieve data sequentially from a hash table, but passed the hashing function an invalid token.

System Action: Depends on the PowerExchange function that is using the hashing functionality.

User Response: This is an internal error. Contact Informatica Global Customer Support.

**PWX-11011      HASH: Internal error: Null key pointer passed to *function\_name*.**

Explanation: An internal PowerExchange function attempted to retrieve or insert data into a hash table without providing a hashing key for the data.

System Action: Depends on the PowerExchange function that is using the hashing functionality.

User Response: This is an internal error. Contact Informatica Global Customer Support.

**PWX-11012      HASH: Internal error: Not in retrieval mode.**

Explanation: An internal PowerExchange function attempted to sequentially retrieve data from a hash table without initializing its position in the table.

System Action: Depends on the PowerExchange function that is using the hashing functionality.

User Response: This is an internal error. Contact Informatica Global Customer Support.

**PWX-11050      Oracle Capture: Unable to convert LogMiner data from server code page <code\_page\_of\_Oracle\_server> to UTF8.**

Explanation: Oracle LogMiner can return redo/undo data in the server's code page instead of the code page requested by the client. The Oracle code page conversion function used to convert this data into a usable format has failed.

System Action: Oracle Capture processing ends.

User Response: This is possibly an Oracle error. Contact Informatica Global Customer Support.

**PWX-11051      Oracle Capture: Oracle returned error code *return\_code* attempting to return the client code page.**

Explanation: The Oracle OCI call used to return the client code page failed with the error code returned in the message.

System Action: Oracle Capture processing ends.

User Response: This is possibly an Oracle error. Contact Informatica Global Customer Support. Ensure that your Oracle Client software is at least at the 9.2.0.3 level.

**PWX-11054      Oracle Capture: *error\_occurred* while finding the database code page. Rc = <return\_code>. Oracle messages follow.**

Explanation: An error occurred while attempting to find the database code page of the Oracle database from which you are capturing data.

System Action: Oracle Capture processing ends.

User Response: Inspect error messages both before and after this message. Follow the instructions provided in the user response for these messages to resolve the problem, and restart Oracle Capture. A likely problem is that the Oracle user you are using to run the session does not have SELECT access to the PUBLIC.V\$NLS\_PARAMETERS dynamic view.

<b>PWX-11057</b>	<b>Oracle Capture: Unable to convert LogMiner data from UTF8 to server code page <i>code_page_of_Oracle_server</i>.</b>
Explanation:	PowerExchange Oracle Capture registrations created prior to PWX Version 8.5 store character data in the code page of the Oracle database server, while processing data in the UTF8 code page. The conversion from UTF8 to the server code page failed.
System Action:	Oracle Capture processing ends.
User Response:	This is possibly an Oracle error. Contact Informatica Global Customer Support.
<b>PWX-11058</b>	<b>Oracle Capture: Processing attribute <i>&lt;attribute&gt;</i> value <i>&lt;value&gt;</i></b>
Explanation:	PowerExchange Oracle Capture found the specified attribute and value.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11059</b>	<b>Oracle Capture: Loading OCI module <i>&lt;module_name&gt;</i></b>
Explanation:	PowerExchange Oracle Capture is loading the OCI module.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11060</b>	<b>Oracle Capture: Creating OCI environment</b>
Explanation:	PowerExchange Oracle Capture is creating an OCI environment.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11061</b>	<b>Oracle Capture: Creating OCI error handle</b>
Explanation:	PowerExchange Oracle Capture is creating an OCI error handle.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11062</b>	<b>Oracle Capture: Creating OCI server handle</b>
Explanation:	PowerExchange Oracle Capture is creating an OCI server handle.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11063</b>	<b>Oracle Capture: Creating OCI service context handle</b>
Explanation:	PowerExchange Oracle Capture is creating an OCI service context handle.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11064</b>	<b>Oracle Capture: Connecting to <i>server_name</i> server (from <i>location</i>)</b>
Explanation:	PowerExchange Oracle Capture is connecting to the specified Oracle server from the specified location.
System Action:	Processing continues.

User Response: No response is required.

**PWX-11065 Oracle Capture: Setting OCI service context server attribute**

Explanation: PowerExchange Oracle Capture is setting an OCI service context server attribute.

System Action: Processing continues.

User Response: No response is required.

**PWX-11066 Oracle Capture: Creating OCI session handle**

Explanation: PowerExchange Oracle Capture is creating an OCI session handle.

System Action: Processing continues.

User Response: No response is required.

**PWX-11067 Oracle Capture: Setting session userid attribute to <userid>/UTF8<code\_page>**

Explanation: PowerExchange Oracle Capture is setting the user ID attribute to the specified value.

System Action: Processing continues.

User Response: No response is required.

**PWX-11068 Oracle Capture: Setting session password attribute to <password>**

Explanation: PowerExchange Oracle Capture is setting the password attribute to the specified value.

System Action: Processing continues.

User Response: No response is required.

**PWX-11069 Oracle Capture: Creating OCI session**

Explanation: PowerExchange Oracle Capture is creating an OCI session.

System Action: Processing continues.

User Response: No response is required.

**PWX-11070 Oracle Capture: Setting OCI service context session attribute**

Explanation: PowerExchange Oracle Capture is setting an OCI service context session attribute.

System Action: Processing continues.

User Response: No response is required.

**PWX-11071 Oracle Capture: Oracle session setup successful: *Oracle\_version***

Explanation: PowerExchange set up an Oracle session successfully.

System Action: Processing continues.

User Response: No response is required.

**PWX-11072 Oracle Capture: Source setup complete**

Explanation: PowerExchange Oracle Capture set up the source successfully.

System Action: Processing continues.

User Response: No response is required.

<b>PWX-11073</b>	<b>Oracle Capture: Next catalog write will occur on <i>time</i></b>
Explanation:	The next Oracle catalog write occurs at the specified time.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11074</b>	<b>Oracle Capture: Retrieving End of Log SCN</b>
Explanation:	PowerExchange Oracle Capture is starting the process of retrieving an SCN.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11075</b>	<b>Oracle Capture: End-of-log SCN &lt;SCN&gt;</b>
Explanation:	PowerExchange Oracle Capture successfully retrieved an SCN.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11076</b>	<b>Oracle Capture: Searching for archive logs for thread &lt;thread&gt;, dest &lt;dest&gt;, SCN &lt;SCN&gt;</b>
Explanation:	PowerExchange Oracle Capture is searching for archive logs for the specified thread, destination, and SCN.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11077</b>	<b>Oracle Capture: Using archive log &lt;archive_log&gt;</b>
Explanation:	PowerExchange Oracle Capture is using the specified archive log.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11078</b>	<b>Oracle Capture: Using SCN &lt;SCN&gt; for LogMiner start</b>
Explanation:	PowerExchange Oracle Capture is using the specified SCN to start LogMiner.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11079</b>	<b>Oracle Capture: No logs found for thread &lt;thread_num&gt; dest &lt;dest&gt;</b>
Explanation:	PowerExchange Oracle Capture cannot find logs for the specified thread and destination.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11080</b>	<b>Oracle Capture: Restart point &lt;restart_point&gt; has been reached</b>
Explanation:	PowerExchange Oracle Capture reached the restart point.
System Action:	Processing continues.
User Response:	No response is required.

<b>PWX-11081</b>	<b>Oracle Capture: Writing catalog</b>
Explanation:	PowerExchange Oracle Capture is writing the catalog.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11082</b>	<b>Processing SCN &lt;scn&gt;. Current SCN is &lt;current_scn&gt;</b>
Explanation:	PowerExchange Oracle is processing the specified SCN. The message text displays the current SCN.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11083</b>	<b><i>number_calls</i> Oracle LogMiner calls.</b>
Explanation:	The Oracle LogMiner made the specified number of calls.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11084</b>	<b><i>number_read_calls</i> Oracle LogMiner polls for a select.</b>
Explanation:	After the specified number of read calls, the Oracle LogMiner polls for a select.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11085</b>	<b><i>number_read_waits</i> Oracle LogMiner waits for a select.</b>
Explanation:	This message displays the number of times that Oracle Capture went into a wait state to wait for a record to be returned by LogMiner.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11086</b>	<b><i>reads_ratio</i> Selects per call.</b>
Explanation:	This message displays the number of read calls to the number of reads ratio.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11087</b>	<b><i>waits_ratio</i> Waits per call.</b>
Explanation:	This message displays the number of read waits to the number of reads ratio.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11088</b>	<b>Current OCI prefetch value: <i>OCI_prefetch</i></b>
Explanation:	This message displays the current value of the OCI fetch array size that is used by Oracle capture.
System Action:	Processing continues.

User Response:	No response is required.
<b>PWX-11089</b>	<b>Current time: <i>current_time</i></b>
Explanation:	This message displays the current time, which is used to determine the time differential between now and the log record currently being processed.
User Response:	No response is required.
<b>PWX-11090</b>	<b>Timestamp of last processed log record: <i>timestamp_of_last_log_record</i></b>
Explanation:	This message displays the timestamp of the last log record, which is used to determine the time differential between now and the log record currently being processed.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11091</b>	<b>Time differential (in seconds): <i>time_in_seconds</i></b>
Explanation:	This message displays the time differential in seconds between now and the timestamp of the log record currently being processed.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-11092</b>	<b>OCI-supplied Oracle Client version is earlier than 10.2</b>
Explanation:	PowerExchange cannot get the Oracle Client version from the Oracle Call Interface (OCI) because the Oracle version is earlier than 10.2.
User Response:	No response is required.
<b>PWX-11093</b>	<b>OCI Oracle Client information: Version: <i>version.release</i>, Update num: <i>update_number</i>, Patch num: <i>patch_number</i>, Port update num: <i>port_update_number</i></b>
Explanation:	This message indicates the Oracle Client version and maintenance level that the Oracle Call Interface (OCI) returned to PowerExchange.
User Response:	No response is required.

## PWX-12000 to PWX-12999

<b>PWX-12500</b>	<b>Xpath not found</b>
Explanation:	The requested XML element (refused to using XPATH syntax) was not found in the configuration document.
System Action:	Up to the calling application.
User Response:	Ensure that the element requested is present in the configuration file.
<b>PWX-12501</b>	<b>Unable to open XML config file</b>
Explanation:	The requested XML configuration document does not exist.



System Action: Error reported, program ends.

User Response: Ensure that configuration file exists and the path is correct.

**PWX-12502 XML document too large**

Explanation: The requested XML configuration document is too large max size 4k.

System Action: PowerExchange reports the error and the program ends.

User Response: Reduce the size of the configuration file.

**PWX-12503 Invalid target type parameter**

Explanation: Parameter target type invalid, must be a string no longer than 128 characters

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid target type string.

**PWX-12504 Invalid location parameter**

Explanation: Parameter location invalid, must be a string no longer than 128 characters

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid location string.

**PWX-12505 Invalid target**

Explanation: Parameter target invalid, must be a string no longer than 128 characters

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid target string.

**PWX-12506 Invalid tracefile name.**

Explanation: Parameter tracefile invalid, must be a string no longer than 128 characters

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid tracefile string.

**PWX-12507 Invalid user ID**

Explanation: Parameter user ID invalid, must be a string no longer than 128 characters

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid user ID string.

**PWX-12508 Invalid password**

Explanation: Parameter password invalid, must be a string no longer than 128 characters.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid password string.

**PWX-12509 Invalid commit type**

Explanation: Parameter commit type invalid, must be a string no longer than one character.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid commit type string, R for random commit interval, otherwise defaults to 1000.

**PWX-12510 Invalid Max records (must be numeric)**

Explanation: Parameter Max records invalid, must be numeric.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid Max records string.

**PWX-12511 Invalid commit interval (must be numeric)**

Explanation: Parameter commit interval invalid, must be numeric.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid commit interval string.

**PWX-12512 Invalid sleep interval (must be numeric)**

Explanation: Parameter sleep interval invalid, must be numeric. The units are 1/1000 seconds.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid sleep interval string.

**PWX-12513 Invalid UID randomize value (must be Y or N)**

Explanation: Parameter UID randomize invalid, must be Y or N.

System Action: PowerExchange reports the error and the program ends.

User Response: Enter either Y or N for the parameter.

**PWX-12514 Invalid UID pattern**

Explanation: Parameter UID pattern invalid, must be string max length 100 characters.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid UID pattern string.

**PWX-12515 Invalid Startkey (must be numeric)**

Explanation: Parameter Startkey invalid, must be numeric.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid Startkey string.

**PWX-12516 Invalid Endkey (must be numeric)**

Explanation: Parameter Endkey invalid, must be numeric.

System Action: PowerExchange reports the error and the program ends.

User Response: Use a valid Endkey string.

**PWX-12517 XML processing is no longer supported**

Explanation: XML processing not supported in PowerExchange.

System Action: PowerExchange reports the error and the program ends.

User Response: DESCRIBE ELEMENTS and DOCS not longer supported

<b>PWX-12709</b>	<b>DATAMAP Internal error: <i>description</i></b>
Explanation:	An internal error occurred while a data map was being built.
System Action:	The request fails.
User Response:	Collect all related messages and logs. Then contact Informatica Global Customer Support.

## PWX-13000 to PWX-13999

<b>PWX-13001</b>	<b>Decrypt: Memory Allocation Error</b>
Explanation:	An internal error occurred while decrypting a given string.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-13002</b>	<b>Decrypt: Input Invalid Character In String</b>
Explanation:	An invalid character was found in the string passed to the PowerExchange Decrypt function.
System Action:	The task that encounters the error ends.
User Response:	Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-13003</b>	<b>Decrypt: Input Invalid Length</b>
Explanation:	The length of the string passed to the PowerExchange Decrypt function is invalid.
System Action:	The task that encounters the error ends.
User Response:	Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-13004</b>	<b>Decrypt: Input String Is Internal Buffer</b>
Explanation:	The PowerExchange Decrypt function was called where the memory address of the input string corresponds to that used by the function.
System Action:	The task that encounters the error ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-13005</b>	<b>Decrypt: Input String Is Null</b>
Explanation:	The PowerExchange Decrypt function was called without a value to decrypt.
System Action:	The task that encounters the error ends.
User Response:	Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-13006      Decrypt: Output String Size Error**

Explanation: The PowerExchange Decrypt function was called with insufficient memory allocated to return the decrypted value for the input string passed.

System Action: The task that encounters the error ends.

User Response: Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-13007      Decrypt: Input String Is Too Long**

Explanation: The PowerExchange Decrypt function was called where the length of the string to decrypt is greater than that permitted by the function.

System Action: The task that encounters the error ends.

User Response: Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-13008      Decrypt: Output String is Too Short**

Explanation: The PowerExchange Decrypt function was called with insufficient memory allocated to return the decrypted value for the input string passed.

System Action: The task that encounters the error ends.

User Response: Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-13009      Encrypt: Memory Allocation Error**

Explanation: An internal error occurred while encrypting a given string.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-13010      Encrypt: Input Invalid Character In String**

Explanation: An invalid character was found in the string passed to the PowerExchange Encrypt function.

System Action: The task that encounters the error ends.

User Response: Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-13011      Encrypt: Input String Is Internal Buffer**

Explanation: The PowerExchange Encrypt function was called where the memory address of the input string corresponds to that used by the function.

System Action: The task that encounters the error ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

<b>PWX-13012</b>	<b>Encrypt: Input String Is Null</b>
Explanation:	The PowerExchange Encrypt function was called without a value to encrypt.
System Action:	The task that encounters the error ends.
User Response:	Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-13013</b>	<b>Encrypt: Output String Size Error</b>
Explanation:	The PowerExchange Encrypt function was called with insufficient memory allocated to return the encrypted value for the input string passed.
System Action:	The task that encounters the error ends.
User Response:	Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-13014</b>	<b>Encrypt: Input String Is Too Long</b>
Explanation:	The PowerExchange Encrypt function was called where the length of the string to encrypt is greater than that permitted by the function.
System Action:	The task that encounters the error ends.
User Response:	Correct the string being passed to the function if this is input by the user. Otherwise, contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

## PWX-14000 to PWX-14999

<b>PWX-14010</b>	<b>setReadOnly() cannot be called when in a transaction</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14012</b>	<b>Custom mapping is not supported</b>
Explanation:	Attempt to use an unsupported feature.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14013</b>	<b>Stored procedure calls in SQL statements are not supported</b>
Explanation:	Attempt to use an unsupported feature.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.

**PWX-14014      Scalar functions in SQL statements are not supported**

Explanation:      Attempt to use an unsupported feature.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14015      Outer joins in SQL statements are not supported**

Explanation:      Attempt to use an unsupported feature.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14017      Escape character is missing**

Explanation:      A syntax error was detected.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14019      Escape clause keyword is missing**

Explanation:      A syntax error was detected.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14020      Incomplete escape sequence - missing ']'**

Explanation:      A syntax error was detected.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14031      Multiple ResultSets are not supported**

Explanation:      Attempt to use an unsupported feature.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14032      Batch updates are not supported**

Explanation:      Attempt to use an unsupported feature.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14034      This method cannot be used with PreparedStatement**

Explanation:      An error was detected.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

<b>PWX-14035</b>	<b>Invalid maximum field size ignored</b>
Explanation:	An illegal field size was specified.
System Action:	The invalid field size is ignored.
User Response:	Supply a valid field size.
<b>PWX-14060</b>	<b>CallableStatement is not supported by this Driver</b>
Explanation:	Attempt to use an unsupported feature.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14081</b>	<b>Scrollable ResultSets are not supported</b>
Explanation:	Attempt to use an unsupported feature.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14086</b>	<b>Current row has been deleted</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14087</b>	<b>Cursor must be positioned on the insert row</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14088</b>	<b>Cursor must not be positioned on the insert row</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14090</b>	<b>Zero is not a valid row number</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Specify a valid row number.
<b>PWX-14091</b>	<b>There is no current row</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.

<b>PWX-14093</b>	<b>The ResultSet is closed</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14094</b>	<b>The ResultSet is not scrollable</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14095</b>	<b>The ResultSet cannot be updated</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14097</b>	<b>Custom mapping is not supported</b>
Explanation:	Attempt to use an unsupported feature.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14101</b>	<b>Positioned updates are not supported</b>
Explanation:	Attempt to use an unsupported feature.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14102</b>	<b>The Insert Row is empty</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14200</b>	<b>Connection allocation failed</b>
Explanation:	An internal error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14201</b>	<b>PowerExchange initial is at ion failed</b>
Explanation:	An internal error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.



**PWX-14202      Required parameter *parameter* is missing**

Explanation:      A syntax error was detected.  
System Action:      The task that encountered the error ends.  
User Response:      Correct the problem and retry.

**PWX-14203      Unsupported DBTYPE value <value>**

Explanation:      A syntax error was detected.  
System Action:      The task that encountered the error ends.  
User Response:      Correct the problem and retry.

**PWX-14204      DB\_OPEN failed, rc=return\_code**

Explanation:      An error was detected.  
System Action:      The task that encountered the error ends.  
User Response:      Correct the problem and retry.

**PWX-14205      Statement allocation failed**

Explanation:      An internal error was detected.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

**PWX-14206      DB\_DESCRIBE failed, rc=return\_code**

Explanation:      An error was detected.  
System Action:      The task that encountered the error ends.  
User Response:      Correct the problem and retry.

**PWX-14207      DB\_READ failed, rc=return\_code**

Explanation:      An error was detected.  
System Action:      The task that encountered the error ends.  
User Response:      Correct the problem and retry.

**PWX-14208      Update failed, rc=return\_code**

Explanation:      An error was detected.  
System Action:      The task that encountered the error ends.  
User Response:      Correct the problem and retry.

**PWX-14209      Storage allocation failed**

Explanation:      An error was detected.  
System Action:      The task that encounters the error ends.  
User Response:      Correct the problem and retry.

<b>PWX-14210</b>	<b>Invalid DTLXTYPE escape clause &lt;clause&gt;</b>
Explanation:	A syntax error has been detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14211</b>	<b>Invalid DTLIMTYPE escape clause &lt;clause&gt;</b>
Explanation:	A syntax error was detected in the specified clause.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14212</b>	<b>DBNAME2 is required for CAPX/CAPXRT</b>
Explanation:	An error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14213</b>	<b>Commit failed, rc=return_code</b>
Explanation:	An error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14214</b>	<b>Rollback failed, rc=&lt;return_code&gt;</b>
Explanation:	An internal error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14215</b>	<b>Column number nnn out of range</b>
Explanation:	An error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14216</b>	<b>Unsupported SQL statement type &lt;type&gt;</b>
Explanation:	An attempt was made to use an unsupported feature.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14217</b>	<b>UPDATE statement is missing SET</b>
Explanation:	A syntax error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.

<b>PWX-14218</b>	<b>Parameter number <i>nnn</i> is out of range</b>
Explanation:	An error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14219</b>	<b>INSERT statement is missing VALUES</b>
Explanation:	A syntax error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14220</b>	<b>Unknown column name <i>&lt;name&gt;</i></b>
Explanation:	An error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14221</b>	<b>Statement cannot contain placeholder</b>
Explanation:	A syntax error was detected.
System Action:	The task that encounters the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14222</b>	<b>Invalid SQL statement for Query <i>&lt;query&gt;</i></b>
Explanation:	A syntax error has been detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14223</b>	<b>DB_INSERT failed, rc=<i>return_code</i></b>
Explanation:	An error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14224</b>	<b>SQL Statement <i>&lt;statement&gt;</i> requires WHERE</b>
Explanation:	A syntax error has been detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14225</b>	<b>DB_CLOSE failed, rc=<i>return_code</i></b>
Explanation:	An error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.

<b>PWX-14226</b>	<b>DB_CLOSECURSOR failed, rc=return_code</b>
Explanation:	An error was detected.
System Action:	The task that encountered the error ends.
User Response:	Correct the problem and retry.
<b>PWX-14300</b>	<b>DTLUCDEP argument format error found keyword</b>
Explanation:	The parameter or argument fed to DTLUCDEP does not start with the cs= keyword.
System Action:	The request fails.
User Response:	Correct argument and resubmit.
<b>PWX-14302</b>	<b>Field override required</b>
Explanation:	Used in command parsing messages.
User Response:	No response is required.
<b>PWX-14303</b>	<b>Override value can only be FORCE to modify protected data got parameter</b>
Explanation:	The override value is used as FORCE to confirm complete clearance of history. So the parameter is only valid with history of 0, and override of FORCE, such as "modify appl testam3 0 force."
System Action:	The request fails.
User Response:	Correct parameter file and resubmit.
<b>PWX-14304</b>	<b>Problem rc keeping list of used keys like key</b>
Explanation:	A problem occurred in maintaining a list of values. Possible causes are - memory issues.
System Action:	The request fails.
User Response:	Correct and resubmit.
<b>PWX-14510</b>	<b>Trace task ending. TRACING statement is missing from the configuration file.</b>
Explanation:	The DBMOVER configuration file does not contain a TRACING statement.
System Action:	PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.
User Response:	To use the alternative PowerExchange log, specify the TRACING parameter in the DBMOVER configuration file.
<b>PWX-14511</b>	<b>Trace task ending. Internal error: No trace communication area is available.</b>
Explanation:	The alternative logging task could not find its internal communications control block.
System Action:	PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.
User Response:	To use alternative logging, view the PowerExchange log file for additional messages. To correct the problem, follow the user responses for these messages.
<b>PWX-14514</b>	<b>Trace task ending. Internal error: Trace task is not supported for this platform.</b>
Explanation:	Alternative logging is not supported on your platform.

System Action: PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.

User Response: No response is required.

**PWX-14515 Shared memory flush error: *system\_error\_message***

Explanation: The alternative logging task encountered an error when attempting to write data to shared memory.

System Action: PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.

User Response: View the following PowerExchange log file for additional messages:

- The alternative log files for the process
- The PowerExchange log file

To correct the problem, follow the user response instructions for any messages you find in these logs.

If PowerExchange does not issue related error messages, see your operating system documentation for information about the error referenced in this message and take the corrective action that is specified.

On z/OS, users might need to review the JES log for the job to find the associated system messages.

**PWX-14516 Error writing to trace file *<file\_name>*. Error code = *<system\_error\_number>*: *<system\_error\_message>***

Explanation: The alternative logging task encountered an error when attempting to write to the specified trace file.

System Action: PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.

User Response: View the following PowerExchange log file for additional messages:

- The alternative log files for the process
- The PowerExchange log file

To correct the problem, follow the user response instructions for any messages you find in these logs.

If PowerExchange does not issue related error messages, see your operating system documentation for information about the error referenced in this message and take the corrective action that is specified.

On z/OS, you might need to review the JES log for the job to find the associated system messages.

**PWX-14517 Configuration file parameters LOGPATH and TRACING/PFX will cause tracing file names *nnn* bytes too long.**

Explanation: PowerExchange creates the alternative log files names by using the LOGPATH parameter, and the PFX parameter of the TRACING statement, in the DBMOVER configuration file. PowerExchange has detected that these values result in a file name that is too long for the operating system on which it is running.

System Action: PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.

User Response: Change the value of the LOGPATH parameter, and the PFX parameter of the TRACING statement, so that the generated file names meet the requirements of your operating system.

**PWX-14518      Unable to allocate memory for log files.**

Explanation: PowerExchange cannot obtain sufficient memory to create the log file for alternative logging.

System Action: PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.

User Response: Increase the amount of memory available for the PowerExchange task.

**PWX-14519      Error determining file information for log file <file\_name>. Error = <system\_error\_number>: <system\_error\_message>**

Explanation: The alternative logging task encountered an error when attempting to determine the end of the latest log file.

In the message text:

- *file\_name* is the name of log file for which the error occurred.
- *system\_error\_number* is the number of the error message.
- *system\_error\_message* is the text of the error message.

System Action: Alternative logging ignores APPEND processing and uses the next log file to begin logging data.

User Response: View the following PowerExchange log file for additional messages:

- The alternative log files for the process
- The PowerExchange log file

To correct the problem, follow the user response instructions for any messages you find in these logs.

If PowerExchange does not issue related error messages, see your operating system documentation for information about the error referenced in this message and take the corrective action that is specified.

On z/OS, you might need to review the JES log for the job to find the associated system messages.

**PWX-14520      Cannot append to log file *file\_name* due to previous error.**

Explanation: The alternative logging task encountered an error when attempting to determine the end of the specified log file.

System Action: Alternative logging ignores APPEND processing and uses the next log file to begin logging data.

User Response: View the following PowerExchange log file for additional messages:

- The alternative log files for the process

- The PowerExchange log file

To correct the problem, follow the user response instructions for any messages you find in these logs.

If PowerExchange does not issue related error messages, see your operating system documentation for information about the error referenced in this message and take the corrective action that is specified.

On z/OS, you might need to review the JES log for the job to find the associated system messages.

#### **PWX-14521**

#### **File lrecl *nnn* not compatible with requested max trace record size *nnn*.**

**Explanation:** The logical record length of the alternative log file that was used by a prior invocation of this process is not compatible with the RECLLEN parameter specified on the TRACING statement in the DBMOVER configuration file.

**System Action:** Alternative logging ignores APPEND processing and uses the next log file to begin logging data.

**User Response:** The problem corrects as the alternative logging task cycles through the log files for the process.

#### **PWX-14522**

#### **Error opening trace file *file\_name*. Open options: *option\_string*. Error code = *system\_error\_number*: *system\_error\_message***

**Explanation:** The alternative logging task encountered an error when attempting to open the specified alternative log file.

In the message text:

- *file\_name* is the name of the log file for which the error was reported.
- *option\_string* specifies the open options for the file.
- *system\_error\_number* is the number of the error message.
- *system\_error\_message* is the text of the error message.

**System Action:** PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.

**User Response:** View the following PowerExchange log file for additional messages:

- The alternative log files for the process
- The PowerExchange log file

To correct the problem, follow the user response instructions for any messages you find in these logs.

If PowerExchange does not issue related error messages, see your operating system documentation for information about the error referenced in this message. Then take the corrective action that is specified.

On z/OS, you might need to review the JES log for the job to find the associated system messages.

<b>PWX-14524</b>	<b>Tracing failure: Trace data set/GDG <i>file_name</i> is in use by another job.</b>
Explanation:	The specified alternative logging log data set or GDG data set is being used by another job. This error can occur for the following reasons: <ul style="list-style-type: none"> <li>• More than one instance of PowerExchange is installed on the system.</li> <li>• Multiple PowerExchange installations on different systems use shared DASD.</li> </ul>
System Action:	PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.
User Response:	Change the value of the LOGPATH parameter, and the PFX parameter in the TRACING statement, to generate log file names that are unique across your PowerExchange installations.
<b>PWX-14525</b>	<b>GDG referenced by DDNAME <i>ddname</i> will be used for tracing. All other DTLLOGnn files will be ignored.</b>
Explanation:	PowerExchange uses the specified GDG to create data sets for alternative logging.
System Action:	If other DTLLOGnn DD statements are specified in the JCL, PowerExchange ignores those data sets.
User Response:	No response is required.
<b>PWX-14526</b>	<b>Legacy tracing is in effect.</b>
Explanation:	The DBMOVER configuration file does not contain a TRACING statement so alternative logging is not in effect.
System Action:	PowerExchange writes messages to the standard PowerExchange log file.
User Response:	Specify the TRACING statement in the DBMOVER configuration file.
<b>PWX-14527</b>	<b>Error starting tracing subtask: <i>system_error_message</i>. Legacy tracing is in effect.</b>
Explanation:	PowerExchange could not start the alternative logging task.
System Action:	PowerExchange writes all messages to the default PowerExchange log file and does not use the alternative log.
User Response:	View the following PowerExchange log file for additional messages: <ul style="list-style-type: none"> <li>• The alternative log files for the process</li> <li>• The PowerExchange log file</li> </ul> <p>To correct the problem, follow the user response instructions for any messages you find in these logs.</p> <p>If PowerExchange does not issue related error messages, see your operating system documentation for information about the error referenced in this message. Then take the corrective action that is specified.</p> <p>On z/OS, you might need to review the JES log for the job to find the associated system messages.</p>
<b>PWX-14530</b>	<b>Tracing subtask has unexpectedly terminated. Legacy tracing is in effect.</b>
Explanation:	The PowerExchange process has detected that the tracing subtask is no longer active.
System Action:	The PowerExchange process reverts to legacy tracing.
User Response:	If the error recurs, contact Informatica Global Customer Support.



<b>PWX-14600</b>	<b>Internal error: No name passed to serialization handle creation function.</b>
Explanation:	A PowerExchange function incorrectly formatted a call to an internal serialization control function.
System Action:	The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, report the failure, along with this error message, to Informatica Global Customer Support. There is no user action that can correct this problem.
<b>PWX-14601</b>	<b>Internal error: Invalid name &lt;handle_name&gt; passed to serialization handle creation function.</b>
Explanation:	A PowerExchange function incorrectly formatted a call to an internal serialization control function.
System Action:	The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, report the failure, along with this error message, to Informatica Global Customer Support. There is no user action that can correct this problem.
<b>PWX-14603</b>	<b>Semaphore creation error: &lt;system_message&gt;</b>
Explanation:	The system could not create a serialization control block.
System Action:	The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, view the PowerExchange log file for associated messages. To correct the problem, follow the user response instructions for these messages. If there are no other error messages, see your operating system documentation for the explanation of the error information included in this message. Then, take any specified corrective action.
<b>PWX-14604</b>	<b>Semaphore control error: &lt;system_message&gt;</b>
Explanation:	The system could not complete a resource serialization request. The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, view the PowerExchange log file for associated messages. To correct the problem, follow the user response instructions for these messages. If there are no other error messages, see your operating system documentation for the explanation of the error information included in this message. Then, take any specified corrective action.
<b>PWX-14605</b>	<b>Internal error: Serialization/mutex handles are not supported on this platform.</b>
Explanation:	A PowerExchange function incorrectly requested a serialization function on a software and hardware platform that does not support the type of serialization requested.
System Action:	The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, report the failure, along with this error message, to Informatica Global Customer Support. There is no user action that can correct this problem.
<b>PWX-14606</b>	<b>Unable to access semaphore &lt;semaphore_name&gt;: &lt;system_message&gt;</b>
Explanation:	The PowerExchange function could not access a shared resource serialization control block.
System Action:	The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, view the PowerExchange log file for associated messages. To correct the problem, follow the user response instructions for these messages. If there are no other error messages, see your operating system documentation for the explanation of the error information included in this message. Then, take any specified corrective action.

<b>PWX-14607</b>	<b>Internal error: Invalid Serialization/mutex handle passed to function &lt;function_name&gt;.</b>
Explanation:	A PowerExchange function passed an invalid serialization control block to the PowerExchange serialization handler. The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, report the failure, along with this error message, to Informatica Global Customer Support. There is no user action that can correct this problem.
<b>PWX-14608</b>	<b>Unable to obtain semaphore &lt;semaphore_name&gt;: &lt;system_message&gt;</b>
Explanation:	The PowerExchange function could not acquire the requested serialization lock.
System Action:	The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, view the PowerExchange log file for associated messages. To correct the problem, follow the user response instructions for these messages. If there are no other error messages, see your operating system documentation for the explanation of the error information included in this message. Then, take any specified corrective action.
<b>PWX-14609</b>	<b>Unknown return code &lt;nnn&gt; attempting to obtain semaphore &lt;semaphore_name&gt;.</b>
Explanation:	The system returned an unknown error code to a serialization request.
System Action:	The required serialization does not take place. Subsequent processing might fail.
User Response:	If subsequent processing fails, report the failure, along with this error message, to Informatica Global Customer Support. There is no user action that can correct this problem.
<b>PWX-14610</b>	<b>Unable to release semaphore &lt;semaphore_name&gt;: &lt;system_message&gt;</b>
Explanation:	The PowerExchange function could not release the requested serialization lock.
System Action:	The required serialization fails. Subsequent processing might fail.
User Response:	If subsequent processing fails, view the PowerExchange log file for associated messages. To correct the problem, follow the user response instructions for these messages. If there are no other error messages, see your operating system documentation for the explanation of the error information included in this message. Then, take any specified corrective action.  <b>Note:</b> If the system message is 'Task does not own this semaphore,' then PowerExchange attempted to release an IBM z/OS enqueue object that it does not own. If you receive this message as part of the PWX-14610 error message, report the failure to Informatica Global Customer Support.
<b>PWX-14612</b>	<b>Unable to destroy semaphore &lt;semaphore_name&gt;: &lt;system_message&gt;</b>
Explanation:	The PowerExchange function could not deallocate the requested serialization lock.  Subsequent processing might fail.
User Response:	If subsequent processing fails, view the PowerExchange log file for associated messages. To correct the problem, follow the user response instructions for these messages. If there are no other error messages, see your operating system documentation for the explanation of the error information included in this message. Then, take any specified corrective action.
<b>PWX-14701</b>	<b>Maximum code pages <i>number</i> exceeded for data cleansing fields. Field="<i>field_name</i>".</b>
Explanation:	The record contains character fields that are selected for data checking in more than the maximum number of code pages.
System Action:	Processing ends abnormally.

User Response:	Check that the code pages are specified correctly. Disable data checking for some of the fields to reduce the number of code pages.
<b>PWX-14702</b>	<b>Error converting data checking replacement character to code page "<i>name</i>" (<i>number</i>) for field="<i>field_name</i>".</b>
Explanation:	The replacement character that is specified on the <b>Data Checking</b> tab of the <b>Data Map Properties</b> dialog box could not be converted to the code page that the specified field uses.
System Action:	Processing ends abnormally.
User Response:	Check that the code pages are specified correctly. Define a single-byte replacement character that can be converted to the specified code page, or disable data checking for the specified field.
<b>PWX-14703</b>	<b>TRN_Get_CPInfo() failed on code page number <i>number</i>. Return code <i>return_code_number</i>. Context "<i>information</i>".</b>
Explanation:	The function that returns code page information failed.
System Action:	Processing ends abnormally.
User Response:	Check that the code pages are specified correctly. Collect the code page number and context information and then contact Informatica Global Customer Support.
<b>PWX-14704</b>	<b>Warning. Map "<i>data_map_name</i>" has EFields using data checking. Number = <i>number</i>.</b>
Explanation:	Data checking is enabled on the <b>Data Checking</b> tab of the <b>Data Map Properties</b> dialog box. As a result, data checking is being performed for user-defined columns.
System Action:	Processing continues.
User Response:	If data checking is not required for user-defined columns, in the <b>Check Field Types</b> box on the <b>Data Checking</b> tab of the <b>Data Map Properties</b> dialog box, clear the check boxes for all datatypes. Also, for each user-defined field, display the <b>Field Checking</b> tab of the <b>Field Properties</b> dialog box and then select <b>Yes</b> or <b>No</b> under <b>Select Field for checking?</b> instead of <b>Use Data Map rules</b> .
<b>PWX-14800</b>	<b>Operating system "<i>os_type</i>" is not valid for access method "<i>access_method_type</i>".</b>
Explanation:	An attempt was made to use an access method on an operating system that does not support it.
System Action:	Processing ends abnormally.
User Response:	Verify that the <b>Location</b> value identifies the correct PowerExchange node, as specified in a <b>NODE</b> statement in the <b>DBMOVER</b> configuration file.
<b>PWX-14801</b>	<b>Operating system "<i>os_type</i>" is not valid with DB2 for "<i>os</i>"</b>
Explanation:	An attempt has been made to process Db2 change data on an operating system that does not support it.
System Action:	Processing ends abnormally.
User Response:	Verify that the <b>Location</b> value identifies the correct PowerExchange node, as specified in a <b>NODE</b> statement in the <b>DBMOVER</b> configuration file. Also verify that the one of the following Db2 types is specified for the capture registrations: <b>DB2</b> for Db2 for z/OS, <b>AS4</b> for Db2 for i, or <b>DB2UDB</b> for Db2 LUW.

<b>PWX-14802</b>	<b>Operating system "<i>os_type</i>" is not valid with NRDB map type "<i>map_type</i>".</b>
Explanation:	An attempt was made to process a z/OS NRDB type of data map on an operating system other than z/OS.
System Action:	Processing ends abnormally.
User Response:	Verify that the <b>Location</b> value identifies the correct PowerExchange node, as specified in a NODE statement in the DBMOVER configuration file.
<b>PWX-14803</b>	<b>Location <i>node_name</i> is not an IBM i machine.</b>
Explanation:	PowerExchange tried to run a query that specified an IBM i node location on a machine that is not an IBM i server. For example, if the DTLURDMO utility issues a REG_COPY command for a Db2 for i table with a target location that is not an IBM i server, any attempt to find the short table name will fail. The message can be issued by the DTLURDMO and DTLUCBRG utilities.
System Action:	Processing ends abnormally.
User Response:	Correct the query that includes the <b>Location</b> to point to a valid IBM i server that is identified in the NODE statement of the DBMOVER configuration file.
<b>PWX-14811</b>	<b>DB2 Data type "<i>data_type</i>" for column "<i>column_name</i>" is not currently supported.</b>
Explanation:	A PowerExchange describe operation returned an error that indicates the specified data type is not supported for the Db2 column.
System Action:	Processing ends abnormally.
User Response:	PowerExchange cannot process the table that contains this column.
<b>PWX-14812</b>	<b>Data type <i>data_type</i> (description) for column "<i>column_name</i>" is not currently supported by access method <i>number</i> (name).</b>
Explanation:	A PowerExchange describe operation returned an error that indicates the data type of the specified column is not supported by the access method.
System Action:	Processing ends abnormally.
User Response:	PowerExchange cannot process the table that contains this column.
<b>PWX-14821</b>	<b>Schema is not specified for table '<i>table_name</i>' and the user ID is also not available to qualify the table name.</b>
Explanation:	The specified table cannot be processed because its table name is not qualified by a schema name. Also, no user ID is available to use as the table-name qualifier.
System Action:	Processing ends.
User Response:	Qualify the table name with a schema name or make sure that there is a user ID provided in the connection that can be used as a table-name qualifier.
<b>PWX-14822</b>	<b>Schema is not specified for table '<i>table_name</i>'. The user ID cannot qualify the table name because the SECURITY setting is 'n'.</b>
Explanation:	The table cannot be processed, because its table name is not qualified by a schema name. The user ID cannot be used to qualify the table name because PowerExchange Listener SECURITY statement is not set to 2 in the DBMOVER configuration file.
System Action:	Processing ends.

User Response:	Qualify the table name with a schema name, or restart the PowerExchange Listener with the SECURITY statement set to 2.
<b>PWX-14831</b>	<b>Metadata query for table '<i>schema.table_name</i>' returned schema names '<i>schema_name1</i>' and '<i>schema_name2</i>'.</b>
Explanation:	A metadata query returned rows for more than one schema. This situation can occur if the schema name that qualifies the table name is not valid or contains wildcard characters.
System Action:	Processing ends.
User Response:	Correct the schema name in the query to remove any wildcard characters. Then run the query again.
<b>PWX-14832</b>	<b>Metadata query for table '<i>schema.table_name</i>' returned table names '<i>table_name_1</i>' and '<i>table_name_2</i>'.</b>
Explanation:	A metadata query returned rows for more than one table. This situation can occur if the schema name or user ID that qualifies the table name is not valid or contains wildcard characters.
System Action:	Processing ends.
User Response:	Correct the schema name or user ID qualifier for the table name to remove wildcard characters. Then run the query again.
<b>PWX-14841</b>	<b>Table <i>schema.table_name</i> was not found at location <i>node_name</i> database <i>database_name</i>.</b>
Explanation:	A query against the specified table failed, because the table does not exist in the specified database at the node location. For example, if you run the DTLURDMO REG_COPY command with the RENAME attribute set for the schema, but the Db2 for IBM i table does not exist in the renamed schema, PowerExchange issues the PWX-14841 error .
System Action:	If the utility runs in VALIDATE mode, a maximum of 100 errors are tolerated. Otherwise, processing ends.
User Response:	Create the specified table in the database at the node location. Then, run the utility again.
<b>PWX-14851</b>	<b>DTLDESCRIBE metadata is not allowed for access method <i>access_method</i>.</b>
Explanation:	A request for PowerExchange metadata came from an access method that does not support the DTLDESCRIBE request. The following access methods support the DTLDESCRIBE request: <ul style="list-style-type: none"> <li>• CAPXRT</li> <li>• DB2</li> <li>• DB2UDB</li> <li>• DB2400C</li> <li>• IMSUNLD</li> <li>• MSSQL</li> <li>• MYSQL</li> <li>• NRDB2</li> <li>• ODBC</li> <li>• ORACLE</li> <li>• PGSQL</li> </ul>
System Action:	The request fails.

User Response: If you issued the request manually from the PowerExchange Navigator, make sure you are using an access method that supports the DTLDESCRIBE request. If the request came from a calling application, contact Informatica Global Customer Support.

**PWX-14852 DTLDESCRIBE metadata type *metadata\_type* is not allowed for access method *access\_method*.**

Explanation: A DTLDESCRIBE request for PowerExchange metadata specified a metadata type that the access method does not support. The DTLDESCRIBE request supports the following metadata types and access methods:

Metadata Types	Supported Access Methods
SCHEMAS, TABLES, COLUMNS, PKEYS, FKEYS	Most access methods.
MAPS, FIELDS, LOADMAPS, RECORDS	CAPXRT and NRDB2
IMS DL/I or ODBA CKEYS	CAPXRT and NRDB2
Datacom DELEMS	CAPXRT and NRDB2
IDMS TPATHS	CAPXRT and NRDB2
PROCEDURES and PROCEDURECOLUMNS	DB2, DB2UDB, MSSQL, ODBC

System Action: The request fails.

User Response: If you issued the request manually from the PowerExchange Navigator, make sure you are using an access method that supports the requested metadata type. You can also use the PWXUMAP utility to report NRDB2 and CAPXRT metadata. If the request came from a calling application, contact Informatica Global Customer Support.

## PWX-15000 to PWX-15999

**PWX-15017 Adabas call "*call\_number*" returned RC 17. Invalid file number. DBID *dbid*. File *file\_number*. Subcode1 *subcode1*.**

Explanation: The OP call failed to open a session with the nucleus.

System Action: The open failed.

User Response: Check that the Adabas nucleus is active for the database ID. Check the subcodes against the Adabas documentation.

**PWX-15148 Adabas call "*call\_number*" returned RC 148. ADABAS nucleus is not accessible. DBID *dbid*. Subcode1 *subcode1*.**

Explanation: The OP call failed to open a session with the nucleus.

System Action: The open failed.

User Response: Check that the Adabas nucleus is active for the database ID. Check the subcodes against the Adabas documentation.

<b>PWX-15198</b>	<b>Adabas call "<i>call_number</i>" returned RC 198. Unique descriptor insert failed. Subcode1 <i>subcode1</i>. Descriptor <i>descriptor</i>.</b>
Explanation:	An attempt was made to duplicate a descriptor value for a unique descriptor. If subcode1 has a value of 1, the descriptor value already exists in the index. If subcode1 has a value other than 1, the descriptor value might be in use by another user.
System Action:	The insert failed.
User Response:	Check whether the existing data with the duplicated key is correct.
<b>PWX-15500</b>	<b>SLDS data set <i>data_set</i> is of interest</b>
Explanation:	The IMS log-based ECCR will read the specified SLDS to capture change records.
User Response:	No response is required.
<b>PWX-15501</b>	<b>ECCR will process the SLDS records from start time <i>storeclock_time</i>, <i>date_time</i>, <i>flsn=first_lsn</i></b>
Explanation:	The IMS log-based ECCR will start processing change records in the SLDSs from the specified start time, which is shown as a storeclock time and date (yyyy.ddd) time (hh:mm:ss.nnnnnn), and from the specified first LSN.
User Response:	No response is required.
<b>PWX-15502</b>	<b>to end time <i>end_storeclock_time</i>, <i>date_time</i>, <i>llsn=last_lsn</i>.</b>
Explanation:	The IMS log-based ECCR will process change records in the SLDSs up to the specified end time, which is shown as a storeclock time and date (yyyy.ddd) time (hh:mm:ss.nnnnnn), and up to the specified last LSN.
User Response:	No response is required.
<b>PWX-15503</b>	<b>ECCR at <i>current_time</i> processing log <i>log_dataset_name</i>, LSN=(<i>first_lsn,last_lsn</i>)</b>
Explanation:	The IMS log-based ECCR is processing the specified SLDS log at the current time, which is shown as a storeclock time. This message reports the first and last LSNs that the ECCR processed.
User Response:	No response is required.
<b>PWX-15504</b>	<b><i>file_type file_name</i> closed with {Some No} records processed. <i>commits_and_aborts</i>. LLSN=<i>last LSN</i></b>
Explanation:	The IMS log-based ECCR generated this statistics message when it finished processing the specified IMS log file. This message reports the number of commits and aborts since the last PWX-15504 message was issued and the last LSN processed during this interval. If multiple IMS logs are processed concurrently, the statistics are totals for all of the logs rather than for the closed log only.
User Response:	No response is required.
<b>PWX-15700</b>	<b>SQL-SMO interface returned error <i>error_code</i> with text: <i>error_text</i>.</b>
Explanation:	During registration of a Microsoft SQL Server CDC source, PowerExchange received an error from the SQL Server Management Objects (SMO) interface. PowerExchange uses SQL-SMO to manage SQL Server publications.
System Action:	Registration fails.

User Response: Look up the error code in the Microsoft SQL Server documentation to determine the appropriate response.

**PWX-15701      Table 'OWNER.name' is not a valid candidate for capture**

Explanation: The selected table was a system table or did not have a primary key.

System Action: The table is rejected as a choice for capture.

User Response: Select a valid candidate table.

**PWX-15704      Server *server\_name* is not configured for publication or the user has insufficient authority.**

Explanation: During registration of a Microsoft SQL Server CDC source, PowerExchange was unable to determine if the specified server was configured for replication. This error might occur because the server is not configured for replication or the user does not have sufficient authority to determine if the server is configured for replication.

System Action: Registration fails.

User Response: Review the prerequisites for change data capture in the Microsoft SQL Server documentation. After you ensure all prerequisites are met, try to register the source again.

**PWX-15706      Internal Error: Database not set.**

Explanation: An internal logic error occurred.

System Action: Capture registration fails.

User Response: Contact Informatica Global Customer Support with details of the error.

**PWX-15707      Publication article for database *database\_name* table *owner.name* is corrupt.  
Rsn=*reason\_code*.**

Explanation: The article for the specified table, which is in the PowerExchange Change Capture publication for the database, does not match the expected profile. The article might not be a PowerExchange-generated article, or it might have been updated outside of the GUI.

System Action: Capture registration fails.

User Response: Delete the article from the SQL Server management console.

**PWX-15708      Internal Error: Article must be validated before it is saved.**

Explanation: An internal logic error occurred.

System Action: Capture registration fails.

User Response: Contact Informatica Global Customer Support with details of the error.

**PWX-15709      Publication article for database *database\_name* table *OWNER.name* failed validation.  
Reason: *reason\_text*.**

Explanation: The article failed validation for the reason described and was not created.

System Action: Capture registration fails.

User Response: Correct the registration and retry the status update.

**PWX-15712      Database *database\_name* does not exist in server *server\_name*.**

Explanation: The database name that was entered for a Microsoft SQL Server registration group is not valid. The specified database does not exist on the server.



System Action: The registration group is not created.

User Response: Define the registration group again. Use a valid SQL Server database name for a database that exists on the specified server.

**PWX-15713 Failed to create publication for database *database\_name* in server *server\_name*.**

Explanation: During registration of a Microsoft SQL Server CDC source, PowerExchange detected that the SQL Server database is not a candidate for publication or that the user has insufficient authority to create the publication.

System Action: Registration fails.

User Response: To resolve the error, correct the database name or use a user ID that has the proper authority. Then try to register the CDC source again.

**PWX-15714 Failed to discover Microsoft SQL Server instances on the local network**

Explanation: PowerExchange encountered errors while searching for Microsoft SQL Server instances on the network. As a result, PowerExchange was unable to discover the SQL Server source instance.

System Action: PowerExchange capture registration creation fails.

User Response: Check the availability of the network and SQL Server source instance.

**PWX-15715 Failed to find Microsoft SQL Server publication in the publication database: *database\_name*.**

Explanation: PowerExchange did not find a publication in the specified Microsoft SQL Server publication database. As a result, the publication that contains the articles for replication is unavailable to PowerExchange for capture registration creation.

System Action: PowerExchange capture registration creation fails.

User Response: Check the configuration of the SQL Server server and the publication database. Then try to create the capture registration again.

**PWX-15716 Failed to enable SQL Server publishing for database '*database\_name*'.**

Explanation: When you tried to create the first capture registration for a Microsoft SQL Server source table, PowerExchange failed to enable SQL Server publishing for transactional replication of source data from the publication database.

System Action: PowerExchange does not create the capture registration, and transactional-replication publishing remains disabled for the SQL Server publication database.

User Response: Manually enable transactional-replication publishing for the SQL Server publication database by using the SQL Server `sp_replicationdboption` procedure or by using SQL Server Management Studio. Then try to register the source table again in the PowerExchange Navigator or with the DTLUCBRG utility.

**PWX-15720 Internal Error: Unable to acquire *number* bytes of storage.**

Explanation: MSSQL Capture extract was unable to allocate sufficient storage.

System Action: MSSQL Capture extract fails.

User Response: Investigate any resource constraints.

**PWX-15721 CAPI Connect information invalid or missing.**

Explanation: The information supplied in the configuration file for this connection is missing or invalid.

System Action:	MSSQL Capture extract fails.
User Response:	See the MSSQL capture documentation for instructions on setting up the CAPI_CONNECTION in the configuration file.
<b>PWX-15726</b>	<b>Internal error: Bad status <i>column_status</i> received for column <i>column_number</i> when retrieving article data.</b>
Explanation:	An internal error occurred while PowerExchange was reading information for an article for a source table from the Microsoft SQL Server distribution database.
System Action:	Capture processing ended abnormally.
User Response:	Collect information about the error and then contact Informatica Global Customer Support.
<b>PWX-15727</b>	<b>Server <i>server_name</i>, Database <i>database_name</i> contains no article publications.</b>
Explanation:	The database specified in the connect parameters is not a distribution database or no articles are published to it.
System Action:	MSSQL Capture extract fails.
User Response:	Verify the values specified for DISTSRV and DISTDB in the connect parameters.
<b>PWX-15728</b>	<b>The table identified by tag <i>PowerExchange_tag</i> is not published to server <i>server_name</i>, Database <i>database_name</i>.</b>
Explanation:	The database specified in the connect parameters is not the distribution database for the requested table publication.
System Action:	MSSQL Capture extract fails.
User Response:	Verify the values specified for DISTSRV and DISTDB in the connect parameters.
<b>PWX-15729</b>	<b>Repository node <i>rep_node</i> does not contain any capture registrations for MSSQLServer.</b>
Explanation:	The capture node has no capture registrations for a Microsoft SQL Server source. Either a connection cannot be established to the node with the CCT file or the node contains no capture registrations for a SQL Server source.
System Action:	Capture processing ends.
User Response:	Verify that the capture node is correct.
<b>PWX-15730</b>	<b>Load of work session for Repository node <i>rep_node</i> failed.</b>
Explanation:	An attempt to load a work session with the registration information on the capture node failed.
System Action:	Capture processing ends.
User Response:	Verify that the capture node with the CCT file that contains registration information is correctly specified and that a PowerExchange Listener exists on that node.
<b>PWX-15731</b>	<b>Load of capture registration from Repository node <i>rep_node</i> failed.</b>
Explanation:	The attempt to load a capture registration from the repository specified in the connect parameters failed.
System Action:	MSSQL Capture extract fails.

User Response: Review the PowerExchange.LOG of the PowerExchange Listener at REP NODE as well as for this task for possible causes. Contact Informatica Global Customer Support if the problem cannot be resolved.

**PWX-15732 Multiple active capture registration exist for tag *PowerExchange\_tag*.**

Explanation: Multiple active capture registrations were found for this tag. This indicates a problem in the repository.

System Action: MSSQL Capture extract fails.

User Response: Use the GUI interface to attempt to deactivate the anomalous registrations. Report the problem to Informatica Global Customer Support.

**PWX-15733 Table name mismatch between published article and PowerExchange registration for tag *PowerExchange\_tag*.**

Explanation: The Microsoft SQL Server table name in the registration that has the specified tag name does not match the table name in the published article. Message PWX-15799 provides more information.

System Action: Capture processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-15734 No active PowerExchange registration found for registration tag *PowerExchange\_tag\_name*.**

Explanation: PowerExchange found no active registration with the specified tag name for a Microsoft SQL Server table.

System Action: Capture processing ends

User Response: Verify that the registration is active.

**PWX-15736 Unable to resolve DBID for database *database\_name*.**

Explanation: Access to table master.dbo.sysdatabases failed.

System Action: MSSQL Capture extract fails.

User Response: This might indicate authorization problems. Look for associated SQL-DMO messages.

**PWX-15737 Unable to determine current log position.**

Explanation: Access to table dbo.MSrepl\_transactions failed.

System Action: MSSQL Capture extract fails.

User Response: This might indicate authorization problems. Look for associated SQL-DMO messages.

**PWX-15739 Restart information invalid : *reason\_code*.**

Explanation: A restart token supplied to the interface is invalid. Restart tokens for this interface must be created by this interface and must contain the correct distribution server and database identifiers.

System Action: MSSQL Capture extract fails.

User Response: If the correct restart information cannot be determined rematerialization of the target must be performed.

<b>PWX-15740</b>	<b>Sequence information invalid : <i>reason_code</i>.</b>
Explanation:	A restart token supplied to the interface is invalid. Restart tokens for this interface must be created by this interface and must contain the correct distribution server and database identifiers.
System Action:	MSSQL Capture extract fails.
User Response:	If the correct restart token cannot be determined rematerialization of the target must be performed.
<b>PWX-15741</b>	<b>Schema change detected for table "<i>owner</i>".<i>table_name</i>".</b>
Explanation:	The PowerExchange change capture process detected a schema change for the specified Microsoft SQL Server source table. The change is described in associated PWX-15799 messages.
System Action:	The system response depends on the value of the data warning flags in the connect parameter. If "Warn on Schema Change" is not in effect, the MSSQL capture process fails. Otherwise, a warning is issued and processing continues.
User Response:	Update the capture registration and target to reflect the schema change and then restart capture processing.
<b>PWX-15742</b>	<b>Invalid Capture data for table "<i>OWNER</i>".<i>NAME</i>". Update type not recognized.</b>
Explanation:	The capture extract detected an unrecognized update type.
System Action:	MSSQL Capture extract fails.
User Response:	The mssql publication definition might have been corrupted. The table must be reregistered through the PowerExchange GUI. Target rematerialization might be required.
<b>PWX-15743</b>	<b>Invalid Capture data for table "<i>OWNER</i>".<i>NAME</i>", column <i>column_num</i>. expected PowerExchange TYPE "<i>PowerExchange_TYPE</i>", found "<i>TYPE</i>".</b>
Explanation:	The capture extract detected unexpected data.
System Action:	MSSQL Capture extract fails.
User Response:	The mssql publication definition might have been corrupted. The table must be reregistered through the PowerExchange GUI. Target rematerialization might be required.
<b>PWX-15745</b>	<b>Numeric conversion for table <i>owner.table_name</i>, column <i>column_number</i> failed with RC <i>return_code</i>.</b>
Explanation:	During Microsoft SQL Server CDC processing, the conversion of character data to a numeric datatype failed for the specified table column. The character data is displayed after this message.
System Action:	Capture processing ends.
User Response:	Confirm that the character data is correct for the column. Also check whether the SQL Server publication definition is corrupted. If the data is correct, report the error to Informatica Global Customer Support. If the character data is not correct, you must register the table again in the PowerExchange Navigator. You also might need to rematerialize the target.

<b>PWX-15747</b>	<b>Internal error: Unexpected datatype <i>pwx_datatype</i> for column <i>column_name</i> of table <i>owner.table_name</i>.</b>
Explanation:	The capture registration for the specified Microsoft SQL Server table contains a column with a datatype that the capture program cannot handle.
System Action:	Capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-15748</b>	<b>Invalid Capture data for table <i>owner.table_name</i>, column <i>column_name</i>. Found NULL data expected non-NULL.</b>
Explanation:	The PowerExchange capture program detected NULL data for a registered column that is defined as not-nullable in a Microsoft SQL Server table.
System Action:	Capture processing ends.
User Response:	The SQL Server publication definition might be corrupted. Register the table again in the PowerExchange Navigator. You also might need to rematerialize the target.
<b>PWX-15749</b>	<b>Internal error: Unexpected data encountered processing data for table <i>owner.table_name</i> at data posn <i>position</i>.</b>
Explanation:	During CDC processing, PowerExchange encountered unexpected or incorrect data string at the specified position in the Microsoft SQL Server table. Associated PWX-15799 messages provide the data string.
System Action:	Capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-15750</b>	<b>Capture data for table "<i>OWNER</i>".<i>NAME</i>" invalid. Number of columns found "<i>COLUMN_COUNT</i>" did not match expected number "<i>COLUMN_COUNT</i>".</b>
Explanation:	The capture extract did not find the expected number of columns for this table.
System Action:	MSSQL Capture extract fails.
User Response:	The mssql publication definition might have been corrupted. The table must be reregistered through the PowerExchange GUI. Target rematerialization might be required.
<b>PWX-15752</b>	<b>Capture data truncated for table "<i>OWNER</i>".<i>NAME</i>", column <i>column_num</i>. Maximum expected "<i>LENGTH</i>", found "<i>LENGTH</i>".</b>
Explanation:	The capture data for the indicated column exceeded the PowerExchange processing limit.
System Action:	The system action is dependent on value of the data warning flags in the connect parameter. If Warn on Data Truncation is not in effect then MSSQL Capture extract fails, otherwise a warning is issued, the data is truncated and processing continues.
User Response:	The data length for this column is greater than can be efficiently processed. Consider Turning off capture for the column.
<b>PWX-15753</b>	<b>Internal error: Capture data image len "<i>LENGTH</i>" for table "<i>OWNER</i>".<i>NAME</i>" exceeds expected size "<i>LIMIT</i>".</b>
Explanation:	Capture data image length for the current table exceeds the expected size.
System Action:	MSSQL Capture extract fails.
User Response:	Report this problem to Informatica Global Customer Support.

<b>PWX-15754</b>	<b>Max buffer length " <i>BUFFER_LENGTH</i> " for input data exceeded for table " <i>OWNER</i> ". " <i>NAME</i> ".</b>
Explanation:	The maximum buffer length for input data was exceeded. Probably caused by an attempt to process a long column.
System Action:	MSSQL Capture extract fails.
User Response:	The data length for a column is greater than can be efficiently processed. Consider Turning off capture for the column. Alternatively use the MEMCACHE connect parameter to override the default allocation.
<b>PWX-15755</b>	<b>Invalid capture data for an update for table " <i>OWNER</i> ". " <i>NAME</i> ". Before or After Image missing.</b>
Explanation:	Either the before image or after image for an update is missing.
System Action:	MSSQL Capture extract fails.
User Response:	The mssql publication definition might have been corrupted. The table must be reregistered through the PowerExchange GUI. Target rematerialization might be required.
<b>PWX-15756</b>	<b>Change data lost for requested sources.</b>
Explanation:	The earliest sequence for the requested sources was not found in the replicated data table.
System Action:	This depends on values of DWFLAGS in the CAPI_CONNECTION parameter in the DBMOVER configuration file. See the PowerExchange Reference manual for details of DWFLAGS and its default values. Specifically, if the WARN ON CHANGE DATA LOST positional flag is not set to Y then MSSQL Capture extract fails, otherwise a warning is issued and processing continues.
User Response:	The transaction retention period for the distribution DB might be insufficient. See the PowerExchange Reference manual for details on the CAPI_CONNECTION for MSSQL.
<b>PWX-15757</b>	<b>Interest list contains sources from multiple publication databases and MULTIPUB parameter not set.</b>
Explanation:	To capture change data for Microsoft SQL Server articles in multiple publication databases in a single CDC session, PowerExchange requires the MSQL CAPI_CONNECTION statement to include the MULTIPUB=Y parameter.
System Action:	Capture processing fails.
User Response:	In the DBMOVER configuration file, specify the MULTIPUB=Y parameter in the MSQL CAPI_CONNECTION statement. Also define an index on the distribution database to help avoid performance problems. For more information about capturing data from multiple publication databases, see the <i>PowerExchange CDC Guide for Linux, UNIX, and Windows</i> .
<b>PWX-15758</b>	<b>Short row detected for table <i>owner.table_name</i>.</b>
Explanation:	The before image for the specified Microsoft SQL Server source table contained unexpected trailing columns with null values. Usually, this situation occurs when PowerExchange encounters the first Update or Delete operation after an ADD <i>column_name datatype</i> NOT NULL DEFAULT operation. PowerExchange will assign appropriate default non-null values based on the column datatypes and then continue change data capture processing.
System Action:	PowerExchange capture processing continues.
User Response:	If the use of the PowerExchange-supplied default values is not acceptable in your environment, you must rebuild the source table after the columns are added to populate the new columns with the correct default values.

<b>PWX-15759</b>	<b>Sequence error reading from command table. Last sequence <i>hex_sequence_number</i>, this sequence <i>hex_sequence_number</i>. Last command continued {TRUE FALSE}.</b>
Explanation:	During PowerExchange CDC, Microsoft SQL Server did not return change data to PowerExchange in the expected sequence. This message provides diagnostic information.
System Action:	Capture processing ends abnormally.
User Response:	Ensure that no index rebuild operations are being performed on the SQL Server source tables while change data capture is active.
<b>PWX-15760</b>	<b>Reconnecting to SQL Server: Attempt <i>attempt_count</i> of <i>maximum_attempts</i>. Pausing <i>number_of_seconds</i> second(s).</b>
Explanation:	PowerExchange tried to reconnect to the Microsoft SQL Server database for CDC processing after the connection was dropped. This message reports the current count of attempts made and the maximum number of attempts allowed. The maximum number of attempts is set in the RECONNTRIES parameter in the MSQL CAPI_CONNECTION statement of the dbmover.cfg file. PowerExchange pauses the specified number of seconds before making another reconnection attempt based on the RECONNWAIT parameter value in the MSQL CAPI_CONNECTION statement.
User Response:	No response is required.
<b>PWX-15761</b>	<b>SQL Server Connection restored.</b>
Explanation:	The PowerExchange CDC connection to the Microsoft SQL Server database has been restored after it was unexpectedly dropped.
User Response:	No response is required.
<b>PWX-15762</b>	<b>Failed to delete capture rows from <i>distribution_database.dbo.MSrepl_commands_table</i>.</b>
Explanation:	During PowerExchange change capture processing of the specified Microsoft SQL Server source distribution database, an SQL call to delete the rows of data that PowerExchange processed from the distribution database as a result of a low water mark action failed. This error can occur only when the ENABLELWM parameter is set to Y in the MSQL CAPI_CONNECTION statement in the dbmover.cfg file. This setting causes the consumer API (CAPI) to delete all of the processed data for the PowerExchange publications from the <i>dbo.MSrepl_commands</i> table, after the PowerExchange Logger has hardened the data. However, some or all of the processed rows in the <i>dbo.MSrepl_commands</i> table could not be deleted.
System Action:	PowerExchange change capture processing ends.
User Response:	Verify that you have access to and Delete permissions on the <i>dbo.MSrepl_commands</i> table.
<b>PWX-15786</b>	<b>Reg. Group: Load Error. Field = <i>MSS_DistServer</i></b>
Explanation:	PowerExchange could not load the specified Capture Registration Group. The field 'MSS_DistServer' (sic) could not be read. See the associated messages for further diagnostics.
System Action:	Registration Group Load process is abandoned.
User Response:	Contact Informatica Global Customer Support for support on which traces are required, or give Informatica Global Customer Support a copy of the failing registration group file, along with information on the software level being used.

<b>PWX-15787</b>	<b>Reg. Group: Load Error. Field = MSS_DistDatabase</b>
Explanation:	PowerExchange could not load the specified Capture Registration Group. The field 'MSS_DistServer' (sic) could not be read. See the associated messages for further diagnostics.
System Action:	Registration Group Load process is abandoned.
User Response:	Contact Informatica Global Customer Support for support on which traces are required, or give Informatica Global Customer Support a copy of the failing registration group file, along with information on the software level being used.
<b>PWX-15788</b>	<b>Reg. Group: Load Error. Field = MSS_DatabaseServer</b>
Explanation:	PowerExchange could not load the specified Capture Registration Group. The field 'MSS_DistServer' (sic) could not be read. See the associated messages for further diagnostics.
System Action:	Registration Group Load process is abandoned.
User Response:	Contact Informatica Global Customer Support for support on which traces are required, or give Informatica Global Customer Support a copy of the failing registration group file, along with information on the software level being used.
<b>PWX-15789</b>	<b>Reg. Group: Load Error. Field = MSS_Database</b>
Explanation:	PowerExchange could not load the specified Capture Registration Group. The field 'MSS_DistServer' (sic) could not be read. See the associated messages for further diagnostics.
System Action:	Registration Group Load process is abandoned.
User Response:	Contact Informatica Global Customer Support for support on which traces are required, or give Informatica Global Customer Support a copy of the failing registration group file, along with information on the software level being used.
<b>PWX-15790</b>	<b>ODBC driver returned error [error_state] error_text (error_code).</b>
Explanation:	The ODBC driver returned the specified error. This message reports the ODBC error state, error text, and error code.
System Action:	PowerExchange registration creation or capture processing fails.
User Response:	Review the error information in this message. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-15791</b>	<b>ODBC driver failed to connect to SQL_Server_instance (user: user_name).</b>
Explanation:	The DataDirect ODBC driver for Microsoft SQL Server could not connect to the specified SQL Server source instance.
System Action:	PowerExchange capture registration creation or change data capture fails.
User Response:	Verify that the user credentials are correct.
<b>PWX-15799</b>	<b>message_text</b>
Explanation:	This message provides additional information about an issue that is reported in previous messages.
User Response:	For more information, see the associated messages.



<b>PWX-15800</b>	<b>Error "rc" returned from RtvJrnEntry API. Code "error_code" Info = error_information.</b>
Explanation:	Message providing diagnosis of possible error reading journal.
System Action:	Processing fails unless the error is harmless.
User Response:	Contact Informatica Global Customer Support if the process failed, unless the situation is as a result of user or system intervention.
<b>PWX-15801</b>	<b>Information Journal Block end and receiver change at seq sequence.</b>
Explanation:	A message to show the occurrence of this event.
System Action:	Processing continues.
User Response:	Contact Informatica Global Customer Support with other information in event of a failure.
<b>PWX-15802</b>	<b>Warning. Over 100 receivers "receiver_count" returned. Trying for memory allocation "allocation_bytes".</b>
Explanation:	Message providing diagnosis of possible error reading journal.
System Action:	Processing fails unless the error is harmless.
User Response:	Contact Informatica Global Customer Support if process failed, unless the situation is as a result of user or system intervention.
<b>PWX-15803</b>	<b>Error "ErrorCode" returned from RtvJrnInfo API. Info = error_information.</b>
Explanation:	Message providing diagnosis of error retrieving journal information.
System Action:	The task fails.
User Response:	Contact Informatica Global Customer Support, unless the situation is a result of user or system intervention.
<b>PWX-15804</b>	<b>Error "ErrorCode" returned from RtvJrnRcvrInfo API. Info = error_information.</b>
Explanation:	Message providing diagnosis of error retrieving journal receiver information.
System Action:	The task fails.
User Response:	Contact Informatica Global Customer Support, unless the situation is a result of user or system intervention.
<b>PWX-15805</b>	<b>Journal receiver "Journal_Receiver" defined with MINENTDTA option other than *NONE.</b>
Explanation:	An attempt was made to process journal entries for a journal receiver defined with MINENTDTA option other than *NONE. IBM does not currently allow these entries to be processed by PowerExchange. If the journal receiver was defined for MINENTDTA(*FILE) the changed data is stored using an IBM hash algorithm. This data cannot be extracted by Non-IBM software. If the journal receiver was defined for MINENTDTA(*FLDBDY) only those fields that have had their values changed on an update are returned. All other fields have a default value returned based upon the field type.
System Action:	The task fails.
User Response:	Change the journal so that this option is correctly specified for the next receiver generated and restart the task from the new journal receiver.

<b>PWX-15806</b>	<b>Unable to process journal receiver <i>receiver_library/receiver_name</i> associated with journal <i>journal_library/journal_name</i>. Journal receiver storage freed during save.</b>
Explanation:	During the last save of the journal receiver the option to free the storage occupied by the journal receiver was specified. This removes the journal entries from the receiver that PowerExchange is expecting to process.
System Action:	The task fails.
User Response:	Either restore the journal receiver from the backup taken to restore the journal entries or restart the process after the receiver with freed storage by generating new restart tokens.
<b>PWX-15807</b>	<b>Unable to process journal receiver <i>receiver_library/receiver_name</i> associated with journal <i>journal_library/journal_name</i>. Journal receiver has partial status.</b>
Explanation:	The journal receiver does not contain all the journal entries expected. This might lead to incomplete data changes being processed by the PowerExchange Change Data Capture software.
System Action:	The task fails.
User Response:	Attempt to restore the journal receiver so that the status is no longer partial. If this is not possible the option ALWPARTIAL=Y might be specified on the CAPI_CONNECTION parameter to permit processing. After the receiver in error was processed, it is recommended that this setting be changed to N or removed.
<b>PWX-15808</b>	<b>Unable to process journal <i>journal_library journal_name</i>. Journal has <i>current_file_count</i> files journaled to it, which exceeds the PowerExchange maximum of <i>maximum_files_allowed</i> files.</b>
Explanation:	PowerExchange Db2 for i CDC cannot process the specified IBM i journal because too many physical files are currently being journaled to it.
System Action:	The PowerExchange CDC task that reads the IBM i journals fails.
User Response:	Reduce the number of files that are journaled to the specified journal to less than the maximum number of files allowed. Then, start the task again.

## CHAPTER 3

# PWX-16000 to PWX-23999

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## PWX-16000 to PWX-16999

<b>PWX-16100</b>	<b>DTLURDMO input error (Stmt <i>stmt_no</i>): Invalid option <i>option</i> used with access method <i>access_method</i></b>
Explanation:	The specified option is invalid for the specified access method.
System Action:	Processing proceeds, but as validate-only.
User Response:	Specify the command without the invalid options.
<b>PWX-16101</b>	<b>Parameter <i>parameter</i> is required, but has not been supplied</b>
Explanation:	The requested process requires the specified parameter.
System Action:	Processing proceeds, but as validate-only.
User Response:	Specify the command with the required parameter.
<b>PWX-16102</b>	<b>Only one of DM_COPY, XM_COPY or REG_COPY can be used at a time</b>
Explanation:	This message is informational.
System Action:	Processing ends.
User Response:	Specify the input with one type of command only.
<b>PWX-16103</b>	<b>Only one of PWD= or EPWD= can be used at a time</b>
Explanation:	This message is informational.
System Action:	Processing ends.
User Response:	Specify the input with one type of command only.

<b>PWX-16104</b>	<b>Table <i>table_name</i> not found in map</b>
Explanation:	The specified table was not found in the data map.
System Action:	The request to rename the table is ignored.
User Response:	Specify the input with the correct <i>table_name</i> .
<b>PWX-16105</b>	<b>Datamap not written, rc = <i>return_code</i></b>
Explanation:	The data map was not written.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-16106</b>	<b>Incompatible access methods, input = <i>input_access_method</i>, map = <i>output_access_method</i></b>
Explanation:	The specified input access method does not match the access method specified in the data map.
System Action:	Processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16107</b>	<b>Datamap <i>schema.map_name</i> not found</b>
Explanation:	The requested data map was not found.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-16110</b>	<b>DTLURDMR input error (Stmt <i>stmt_no</i>): MODIFY TABLE= not supported in REG_COPY. Use the MODIFY REGTABLE statement instead</b>
Explanation:	This message displays a generic report line.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16111</b>	<b>DTLURDMO input error: run terminated due to input errors</b>
Explanation:	See the associated messages.
System Action:	Processing ends.
User Response:	Correct the error and run the request again.
<b>PWX-16112</b>	<b>DTLURDMO input error (Stmt <i>stmt_no</i>): <i>parameter</i> already specified</b>
Explanation:	A parameter was supplied twice.
System Action:	Validation processing continues.
User Response:	Identify the source of the duplication, Correct the error and run the request again.
<b>PWX-16113</b>	<b>DTLURDMO input error: (Stmt <i>stmt_no</i>): A process statement should be coded before <i>statement</i></b>
Explanation:	A SELECT, EXCLUDE, RENAME or MODIFY statement was specified without a previous DM_COPY, XM_COPY or REG_COPY process statement.
System Action:	Validation processing continues.

User Response:	Specify one of the processing statements before the SELECT, EXCLUDE, RENAME or MODIFY statement.
<b>PWX-16114</b>	<b>DTLURDMO input error (Stmt stmt_no): DBTYPE not allowed for DM_COPY. Use am= to filter datamaps</b>
Explanation:	The type is not a valid filter for this operation.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16116</b>	<b>DTLURDMO input error (Stmt stmt_no): No valid parameters found for statement. Valid keywords is parameter</b>
Explanation:	Missing parameter text, the valid parameter is given.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16117</b>	<b>DTLURDMO input error (Stmt stmt_no): Invalid DBTYPE specified. type</b>
Explanation:	The database type used is invalid.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16118</b>	<b>DTLURDMO input error (Stmt stmt_no): statement requires parameter and parameter</b>
Explanation:	Missing parameter text, valid parameters are given.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16119</b>	<b>DTLURDMO input error (Stmt stmt_no): access_method not valid for statement</b>
Explanation:	The access method used is invalid.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16120</b>	<b>DTLURDMO input error (Stmt stmt_no): DBID=value needs to match suffix "generated" for (dbserver.dbname)</b>
Explanation:	The parameter can cause issues for the access method used. The parameter must obey naming conventions and have a good match to the target.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16121</b>	<b>DTLURDMO input error (Stmt stmt_no): KEEPREGTAG=value not needed for MSS</b>
Explanation:	The parameter can cause issues for the access method used. As the tag is regenerated, it is maintained if appropriate.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.

<b>PWX-16122</b>	<b>DTLURDMO input error (Stmt <i>stmt_no</i>): DBID=<i>value</i> mismatch <i>instance</i> for (<i>dbserver.dbname</i>) against (<i>edbserver.edbname</i>)</b>
Explanation:	The parameter can cause issues for the access method used. The parameter must obey naming conventions and have a good match to the target. The parameters <i>dbname</i> and <i>dbserver</i> do not match the existing <i>dbname</i> and <i>dbserver</i> for the instance.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16123</b>	<b>DTLURDMO input error (Stmt <i>stmt_no</i>): Renaming Maps and changing map attributes are mutually exclusive</b>
Explanation:	A MODIFY statement included rename parameters (SCHEMA=, MAP=) and the alteration of map attributes parameter (AM=xxx). These parameters are mutually exclusive: <ul style="list-style-type: none"> <li>• Renaming is performed on all maps selected by the active filters</li> <li>• Alteration of map attributes are applicable for the specified access method only</li> </ul>
System Action:	Validation processing continues.
User Response:	Specify separate MODIFY statements for these parameters.
<b>PWX-16124</b>	<b>DTLURDMO input error (Stmt <i>stmt_no</i>): Access method not supplied for statement altering map properties</b>
Explanation:	A MODIFY statement included the alternation of map attributes parameter (AM=xxx) but the statement did not include an access method parameter. The map attributes that can be changed on copying depend on the access method so AM= is a required parameter. Only MODIFY statements that rename map components do not require the AM= parameter.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16125</b>	<b>DTLURDMO input error (Stmt <i>stmt_no</i>): The statement <i>statement</i> is only valid with <i>statement</i></b>
Explanation:	The specified statement is not compatible with the selected operation. For example, KEEPREGTAG is not compatible with DM_COPY.
System Action:	Validation processing continues.
User Response:	Correct the error and run the request again.
<b>PWX-16126</b>	<b>DTLURDMO: Error creating extraction map for <i>table</i>.</b>
Explanation:	The DTLURDMO utility encountered an error when trying to create an extraction map for the specified source table.
System Action:	DTLURDMO processing ends.
User Response:	To diagnose the error, look for related messages in the message log. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-16127</b>	<b>DTLURDMO input error (<i>statement_num</i>): DBTYPE and INSTANCE not specified with GETREGTAG option.</b>
Explanation:	The GETREGTAG option was specified without specifying a DB type and instance value.
System Action:	DTLURDMO processing continues for validation only.

User Response: Specify a DB type and instance for the required registration.

**PWX-16131      Changed client code pages to name (*internal\_code\_page\_number*)**

Explanation: The code page specified in the DBMOVER configuration file is not compatible with registration processing. One of the following code pages is required:

- IBM1047 on z/OS
- IBM037 on i5/OS
- UTF-8 on Linux, UNIX, or Windows

PowerExchange overrides what it currently specified and uses the named code page when sending SQL to a PowerExchange Listener.

System Action: Processing continues, but in validate-only mode.

User Response: Correct the error and rerun the program.

**PWX-16200      *PARM OLDNAME* changed to *NEWNAME***

Explanation: The map parameter identified was successfully changed.

System Action: Processing continues.

User Response: No response is required.

**PWX-16202      Processing datamap *MAPNAME***

Explanation: This message is informational.

System Action: Processing continues.

User Response: No response is required.

**PWX-16203      *Windows\_Message***

Explanation: This message is informational.

System Action: Processing depends on message.

User Response: No response is required.

**PWX-16305      Error: End of *rsttkn resource\_name* before run of Application *application*.**

Explanation: An application without a run history and no pending tokens cannot have a resource to remove with "END RSTTKN" - error.

System Action: The system ends the request.

User Response: Verify that there is no error in the request. DTLUCDEP might help by printing applications, DTLUAPPL can print a limited report "PRINT APPL ALL." The PowerExchange Navigator can also display "Data Capture" "Application Groups." Resubmit the correct request.

**PWX-16400      Unknown database type *database\_type*.**

Explanation: Unable to carry out ODL request as the database type is unsupported.

System Action: The system ends the request.

User Response: Only use Access Method ODL for supported database types.

<b>PWX-16401</b>	<b>Database error: <i>database_error</i>.</b>
Explanation:	A database error was returned.
System Action:	The system ends the request.
User Response:	Correct the error and try again.
<b>PWX-16402</b>	<b>Unknown statement type: <i>statement_type</i>.</b>
Explanation:	An unknown statement type was submitted.
System Action:	The system ends the request.
User Response:	Correct the error and try again.
<b>PWX-16404</b>	<b>Unknown Access Method Type: <i>access_method_type</i>.</b>
Explanation:	An unknown access method type was submitted.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16405</b>	<b>Column: <i>column_name</i> in Table: <i>table_name</i> contains an unsupported data type: <i>column_type</i>.</b>
Explanation:	The table contains an unsupported data type that is not handled by PowerExchange.
System Action:	The system ends the request.
User Response:	Ensure that tables use supported data types.
<b>PWX-16406</b>	<b>Unknown Meta Data Type: <i>type</i>.</b>
Explanation:	An unknown access method type was submitted.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16407</b>	<b>Set Global Locale failed with code page name '<i>name</i>'.</b>
Explanation:	The code page name is not recognized by the PMI18N module.
System Action:	The system ends the request.
User Response:	An incorrect value was specified in the 3rd parameter of the dbmover.cfg ORACLECODEPAGE statement.
<b>PWX-16408</b>	<b>Oracle environment variable NLS_LANG not defined.</b>
Explanation:	The environment variable NLS_LANG was not defined. The third component of this variable defines the character set that Oracle uses to exchange data with calling applications.
System Action:	Processing continues, but the system might not be able to use the correct code page for character data.
User Response:	Specify this environment variable according to Oracle instructions.



<b>PWX-16409</b>	<b>No dot in Oracle environment variable NLS_LANG value.</b>
Explanation:	The dot is missing from the NLS_LANG environment variable value. The expected format is Language_Territory.character set and the system uses the dot to determine where the character set starts.
System Action:	Processing continues, but the system might not be able to use the correct code page for character data.
User Response:	Specify this environment variable according to Oracle instructions.
<b>PWX-16410</b>	<b>Oracle environment variable NLS_LANG value was not recognized.</b>
Explanation:	The system could not automatically identify a PMI18N locale code page to match the Oracle character set in NLS_LANG.
System Action:	Processing continues using the code pages specified in ORACLECODEPAGE for this TNSNAME. If none were specified, then it uses the system defaults but might not be able to handle SQL correctly.
User Response:	Specify the ORACLECODEPAGE statement in the configuration file so that the correct code page is used.
<b>PWX-16411</b>	<b>Oracle environment variable NLS_LANG value yielded code pages <i>PowerExchange_code_page (internal_number) and PWC_code_page</i>.</b>
Explanation:	The system automatically identified the specified code pages from the Oracle character set in NLS_LANG.
System Action:	Processing continues using the specified code pages.
User Response:	This message is output in conjunction with other error messages. Respond to the error messages.
<b>PWX-16412</b>	<b>Used ORACLECODEPAGE statement to determine code pages.</b>
Explanation:	The system used the ORACLECODEPAGE statement in the configuration file to determine the code pages.
System Action:	Processing continues using the specified code pages.
User Response:	This message is output in conjunction with other error messages. Respond to the error messages.
<b>PWX-16413</b>	<b>Describe failed for column <i>column_name</i> in table <i>table_name</i>.</b>
Explanation:	The column does not exist in the specified table.
System Action:	The system ends the request.
User Response:	Change the query to match the table metadata.
<b>PWX-16414</b>	<b>Unable to determine PWX codepage number using alias <i>PowerExchange_code_page_alias</i> formed from environment variable DB2CODEPAGE</b>
Explanation:	The DB2CODEPAGE environment variable value is used to create a PowerExchange code page alias and the alias is not found.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-16415</b>	<b>Following error occurred during truncate processing: <i>error_message</i>.</b>
Explanation:	Error occurred while attempting to truncate string value.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16416</b>	<b>Error parsing parameter columns: expected: <i>expected</i>, found: <i>found</i>.</b>
Explanation:	While parsing SQL the number of columns expected is different to expected number.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16417</b>	<b>ICU data directory changed to <i>current_ICU_data_directory</i> for ODL. Previously it was <i>former_ICU_data_directory</i>.</b>
Explanation:	After initializing the PMI18N environment, the ICU data directory has changed from the previous value that might have been set by the configuration ICUDATADIR parameter.
System Action:	Processing continues but might fail later if a CNV file for a custom ICU code page is not found in the specified directory.
User Response:	It is best to change the ICUDATADIR to be the same as the "change to" value.
<b>PWX-16418</b>	<b>Error calling routine <i>routine_name</i>. Return code <i>return_code</i>.</b>
Explanation:	An error was returned from the specified routine.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16420</b>	<b>ORACLECODEPAGE error for TNSNAME "<i>tnsname_host</i>". Parameter 3 <i>pc_codepage</i> is not a valid code page.</b>
Explanation:	In the DBMOVER configuration file, the third positional parameter in the ORACLECODEPAGE statement, <i>pc_codepage</i> , specifies a code page name that is not valid.
System Action:	Bulk data movement processing stops.
User Response:	Remove the <i>pc_codepage</i> parameter from the ORACLECODEPAGE statement. PowerCenter then uses the default PM Locale code page name for the locale.
<b>PWX-16421</b>	<b>ORACLECODEPAGE error for TNSNAME "<i>tnsname_host</i>". Parameter 3 "<i>pc_codepage</i>" is not a PM Locale code page. Expected "<i>codepage_name</i>".</b>
Explanation:	In the DBMOVER configuration file, the third positional parameter in the ORACLECODEPAGE statement, <i>pc_codepage</i> , specifies a name that is not a valid PM Locale code page name for PowerCenter use. PowerCenter expects the PM Locale code page name that appears in the Expected field of this message.
System Action:	Bulk data movement processing stops.
User Response:	Remove the <i>pc_codepage</i> parameter from the ORACLECODEPAGE statement. PowerCenter then uses the default PM LOCALE code page name for the locale.

**PWX-16422      ORACLECODEPAGE error for TNSNAME "*tnsname\_host*". Parameter 3 "*pc\_codepage*" is not a PM Locale code page. CPN "*codepage\_number*".**

Explanation: In the DBMOVER configuration file, the third positional parameter in the ORACLECODEPAGE statement, *pc\_codepage*, identifies a code page that PowerExchange recognizes. However, this code page is not in the list of valid PM Locale code page names.

System Action: Bulk data movement processing ends.

User Response: Remove the third positional parameter, *pc\_codepage*, from the ORACLECODEPAGE statement to use the default PM Locale code page. Or, if you entered a user-defined ICU code page in the second positional parameter, *pw\_x\_codepage*, enter the name of a valid PM Locale code page in the third positional parameter. For a list of valid PM Locale code pages, use the ICUCHECK utility to generate Report 6, PM Locale Code Pages.

**PWX-16423      ORACLECODEPAGE error for TNSNAME "*tnsname\_host*". No PM Locale code page for CPN "*codepage\_number*". Name "*codepage\_name*".**

Explanation: In the DBMOVER configuration file, the second positional parameter in the ORACLECODEPAGE statement, *pw\_x\_codepage*, specifies a user-defined code page. This message provides the code page number and name. This code page does not have a corresponding PM Locale code page name. Consequently, PowerCenter cannot find the code page to use for Oracle bulk data movement operations.

System Action: Bulk data movement processing ends.

User Response: To define the code page for PowerCenter, enter the name of a valid PM Locale code page as the third positional parameter, *pc\_codepage*, in the ORACLECODEPAGE statement. For a list of valid PM Locale code pages, use the ICUCHECK utility to generate Report 6, PM Locale Code Pages.

**PWX-16431      Column *column\_name* in table *table\_name* with data type *datatype* cannot be processed.**

Explanation: PowerExchange encountered an error while processing metadata for the specified SQL Server column during capture registration creation.

System Action: Processing ends.

User Response: For more information, refer to the accompanying messages. Then contact Informatica Global Customer Support.

**PWX-16432      No result set getting database code page with SQL *sql\_statement***

Explanation: PowerExchange cannot determine the database code page from the SQL Server collation name.

System Action: Processing continues. PowerExchange tries to identify the code page by using column-level information.

User Response: For more information, refer to the accompanying messages. If processing ends, contact Informatica Global Customer Support.

**PWX-16450      Unknown Meta Data Type: *type*.**

Explanation: An unknown Meta Data type was submitted.

System Action: The system ends the request.

User Response: Contact Informatica Global Customer Support.

<b>PWX-16451</b>	<b>Internal Error: Buffer memory limit exceeded.</b>
Explanation:	The buffer memory size is insufficient to store required meta data.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16452</b>	<b>Unknown request type <i>request_type</i>.</b>
Explanation:	Unable to handle unknown request type.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16453</b>	<b>Error code <i>code</i> returned from database access module.</b>
Explanation:	The access module returned an error.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16454</b>	<b>Access method will handle read requests only.</b>
Explanation:	The access method handles read requests only.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16455</b>	<b>Access method will handle meta data requests only.</b>
Explanation:	The access method handles metadata requests only.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16456</b>	<b>Unhandled Meta Data request: <i>request_type</i>.</b>
Explanation:	Unhandled Meta Data request.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16457</b>	<b>Invalid use of null pointer</b>
Explanation:	Invalid use of null pointer.
System Action:	Setting of the string failed.
User Response:	Pass a valid pointer.
<b>PWX-16458</b>	<b>Missing partner access method. Please specify.</b>
Explanation:	No partner access method was specified.
System Action:	The system ends the request.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-16551</b>	<b>Catalog Name parameter is missing from LOGSID entry <i>LOGSID_statement</i></b>
Explanation:	The catalog name data set was not included on the specified LOGSID entry in the DBMOVER configuration file.
System Action:	Processing ends.
User Response:	Edit the DBMOVER configuration file, and include the catalog name data set in the LOGSID statement specified in the error message.
<b>PWX-16552</b>	<b>Instance Name parameter is missing from LOGSID entry <i>LOGSID_statement</i></b>
Explanation:	The Instance name parameter was not included on the specified LOGSID entry in the DBMOVER configuration file.
System Action:	Processing ends.
User Response:	Edit the DBMOVER configuration file, and include the instance name parameter in the LOGSID statement specified in the error message.
<b>PWX-16553</b>	<b>IDMSX CAPI: Sequence info block offset: <i>offset</i></b>
Explanation:	The current IDMSX log record's offset into the log file block in which it resides is published.
System Action:	The task continues.
User Response:	No response is required. This message might be issued in response to an earlier error to help identify the log record that was being processed when the error occurred.
<b>PWX-16554</b>	<b>IDMSX CAPI: Sequence info block number: <i>log_file_block_number</i></b>
Explanation:	The log file block number in which the current IDMSX log record resides is published.
System Action:	The task continues.
User Response:	No response is required. This message might be issued in response to an earlier error to help identify the log record that was being processed when the error occurred.
<b>PWX-16555</b>	<b>IDMSX CAPI: Sequence info file number: <i>log_file_number</i></b>
Explanation:	The log file number in which the current IDMSX log record resides is published.
System Action:	The task continues.
User Response:	No response is required. This message might be issued in response to an earlier error to help identify the log record that was being processed when the error occurred.
<b>PWX-16556</b>	<b>IDMSX CAPI: Sequence info version number: <i>version_number</i></b>
Explanation:	The log record sequence info version number of the current IDMSX log record is published.
System Action:	The task continues.
User Response:	No response is required. This message might be issued in response to an earlier error to help identify the log record that was being processed when the error occurred.
<b>PWX-16557</b>	<b>IDMSX CAPI: IDMSX instance name: <i>hexadecimal_dump_of_instance_name : instance_name</i></b>
Explanation:	The instance name that generated the current IDMSX log record is published.
System Action:	The task continues.
User Response:	No response is required. This message might be issued in response to an earlier error to help identify the log record that was being processed when the error occurred.

<b>PWX-16558</b>	<b>IDMSX CAPI: IDMSX restart info contains <i>early</i> value</b>
Explanation:	The restart information for this task points to the earliest existing point in the IDMSX log.
System Action:	The task continues.
User Response:	No response is required. This message might be issued in response to an earlier error to help identify the log record that was being processed when the error occurred.
<b>PWX-16570</b>	<b>IDMSX CAPI: <i>no_filter_tag</i> and other tags cannot be mixed</b>
Explanation:	The IDMSX CAPI module encountered the special registration tag indicating no filtering in combination with other registration tags.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16571</b>	<b>IDMSX CAPI: Registration tag named <i>registration_tag</i> is longer than maximum tag name length of <i>maximum_tag_name_length_value</i>.</b>
Explanation:	The IDMSX CAPI module encountered an invalid registration tag.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16572</b>	<b>IDMSX CAPI: Error code <i>return_code</i> connecting to IDMSX log reader in module <i>module_name</i>.</b>
Explanation:	The IDMSX CAPI module could not connect to the IDMSX log reader.
System Action:	The system returns an error to the calling software.
User Response:	Scan the output log for errors immediately prior or subsequent to this message to help pinpoint the source of the error.
<b>PWX-16573</b>	<b>IDMSX CAPI: Seek to end of log returned NULL value.</b>
Explanation:	The IDMSX CAPI module could not find the current end of the IDMSX log.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16574</b>	<b>IDMSX CAPI: IDMSX log API call <i>call_type</i> returned <i>rc=return_code</i>, <i>reason=reason_code2/reason_code2/reason_code3</i></b>
Explanation:	<p>The IDMSX CAPI module encountered an error while reading the IDMSX log.</p> <p>In the message text</p> <ul style="list-style-type: none"> <li>• <i>call_type</i> is the type of call that encountered the error.</li> <li>• <i>return_code1</i>, <i>return_code2</i>, and <i>return_code3</i> are the PowerExchange return codes for the failure.</li> </ul>
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16575</b>	<b>IDMSX CAPI: IDMSX log API returned invalid record type <i>hexadecimal_record_type_value</i></b>
Explanation:	The IDMSX CAPI module received an invalid record type from the IDMSX log read routine.

System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16576</b>	<b>IDMSX CAPI: IDMSX log API returned invalid action code <i>hexadecimal_action_value</i> for record type <i>record_typedescription</i></b>
Explanation:	The IDMSX CAPI module received an invalid subtype code for the given record type from the IDMSX log read routine.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16577</b>	<b>IDMSX CAPI: IDMSX log API returned invalid tag name index <i>index_value</i></b>
Explanation:	The IDMSX CAPI module received a tag name index value that was out of bounds.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16578</b>	<b>IDMSX CAPI: Current log record sequence info: <i>hex_sequence_info</i></b>
Explanation:	This message reports the hexadecimal sequence information of the current IDMSX log record.
User Response:	No response is required. This message might be reported in response to another error. If so, use the information in this message with error messages that might be immediately prior or subsequent to this message to help pinpoint the source of the error.
<b>PWX-16579</b>	<b>IDMSX CAPI: Error reported in IDMSX Capture module <i>module_name</i>: RC = <i>return_code</i></b>
Explanation:	The specified Capture module encountered an error.
System Action:	The system returns an error to the calling software.
User Response:	Scan the output log for error messages that are immediately prior or subsequent to this message to help pinpoint the source of the error.
<b>PWX-16580</b>	<b>IDMSX CAPI: Error reported in Repository function <i>function_name</i>: location = <i>node_name</i></b>
Explanation:	The specified Repository module encountered an error.
System Action:	The system returns an error to the calling software.
User Response:	If the location name is "local", scan the output log for error messages that are immediately prior or subsequent to this message to help pinpoint the source of the error. If the location name is other than "local", scan the output log of the PowerExchange Listener running at the specified location for error messages.
<b>PWX-16581</b>	<b>IDMSX CAPI: Restart info length <i>length_in_bytes</i> does not match expected length <i>length_in_bytes</i></b>
Explanation:	Invalid restart information was discovered.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-16582</b>	<b>IDMSX CAPI: Sequence info length <i>length_in_bytes</i> does not match expected length <i>length_in_bytes</i></b>
Explanation:	Invalid restart information was discovered.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16583</b>	<b>IDMSX CAPI: Configuration LOGSID <i>configuration_parm_LOGSID_value</i> is being overridden to LOGSID <i>override_LOGSID_value</i></b>
Explanation:	The LOGSID value found in the configuration parameters is being overridden by the specified value.
User Response:	No response is required. The IDMSX instance value is contained in the LOGSID configuration parameter. This value is used to connect to the correct IDMSX log and to filter the registration information that IDMSX CAPI looks for when determining which sources to capture. If there are "not found" registration errors, ensure that the LOGSID configuration parameter chosen contains the correct capture catalog and instance information.
<b>PWX-16584</b>	<b>IDMSX CAPI: Number of CAPI caller sources <i>number_of_sources_to_process</i> is different from Setup number <i>number_of_sources_with_restart_information</i></b>
Explanation:	Some source registrations do not contain restart information.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16585</b>	<b>IDMSX CAPI: An invalid registration tag was found. Tag length = <i>length_of_tag_name</i>, tag name = <i>tag_name</i></b>
Explanation:	An invalid source registration name was passed to IDMSX CAPI.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16586</b>	<b>IDMSX CAPI: Restart information was not provided for registration tag <i>tag_name</i></b>
Explanation:	The caller of the CAPI routine failed to provide restart information for the specified tag name.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16587</b>	<b>IDMSX CAPI: Registration info not found for tag <i>tag_name</i></b>
Explanation:	There was no registration information for the specified tag name.
System Action:	The system returns an error to the calling software.
User Response:	Ensure that the registration tag name you have provided belongs to the IDMSX instance from which you are capturing changes.
<b>PWX-16588</b>	<b>IDMSX CAPI: Registration info is being processed for tag <i>tag_name</i></b>
Explanation:	Registration information is being processed for the specified tag name.
User Response:	No response is required. This message is emitted to verify that data for the specific registration is being captured.



<b>PWX-16589</b>	<b>IDMSX CAPI: Multiple LOGSID statements with id <i>LOGSID_name</i> have been found.</b>
Explanation:	There are more than one LOGSID statements with the same ID value in the DBMOVER configuration file.
System Action:	The system returns an error to the calling software.
User Response:	Remove the duplicate LOGSID statement from the DBMOVER configuration file.
<b>PWX-16590</b>	<b>IDMSX CAPI: A LOGSID statement with id <i>LOGSID_name</i> has not been found.</b>
Explanation:	There are no LOGSID statements with the same ID as the one specified in the CAPI_CONNECTION TYPE=LOGS statement in dbmover.cfg, or as specified in the PowerCenter IDMSX Capture session parameters.
System Action:	The system returns an error to the calling software.
User Response:	There is either an incorrect specification in the CAPI_CONNECTION statement or one of the LOGSID statements in the DBMOVER configuration file, or in the PowerCenter IDMSX Capture session parameters. Alternatively, the LOGSID statement specified in the CAPI_CONNECTION statement or in the PowerCenter IDMSX Capture session parameters is missing from the DBMOVER configuration file. Fix the problem and retry.
<b>PWX-16591</b>	<b>IDMSX CAPI: Restart info instance <i>instance_name_from_restart_token</i> does not match expected <i>instance_name_from_config_file</i></b>
Explanation:	Invalid restart information was discovered.
System Action:	The system returns an error to the calling software.
User Response:	The instance name is specified in a LOGSID statement in the DBMOVER configuration file. If you change this value, and do not reset the Capture job's application, you can get this error.
<b>PWX-16593</b>	<b>IDMSX CAPI: Defined number of output columns <i>output_columns_defined_to_be_returned_from_IDMSX_CAPI</i> does not match expected number <i>output_columns_defined_to_IDMSX_CAPI</i></b>
Explanation:	Internal CAPI definition of IDMSX capture row image differs from the IDMSX definition.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16594</b>	<b>IDMSX CAPI: Defined output column <i>IDMSX_capture_column_name</i> differs from expected column <i>CAPI_capture_column_name</i></b>
Explanation:	Internal CAPI definition of IDMSX capture row image differs from the IDMSX definition.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16595</b>	<b>IDMSX CAPI: Expected number of output columns <i>output_columns_defined_to_IDMSX_CAPI</i> differs from returned number <i>columns_returned_from_IDMSX</i></b>
Explanation:	Internal CAPI definition of IDMSX capture row image differs from the capture row returned by IDMSX.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-16596</b>	<b>IDMSX CAPI: Expected column &lt; <i>column_name</i> &gt; type &lt; <i>column_type</i> &gt; precision &lt; <i>column_precision</i> &gt; scale &lt; <i>column_scale</i> &gt; nullable &lt; <i>nullability_indicator</i> &gt;</b>
Explanation:	Internal CAPI definition of IDMSX capture row image differs from the capture row returned by IDMSX. This message is a two-part message. The second part, message PWX-16597, immediately follows.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16597</b>	<b>differs from output column &lt; <i>column_name</i> &gt; type &lt; <i>column_type</i> &gt; precision &lt; <i>column_precision</i> &gt; scale &lt; <i>column_scale</i> &gt; nullable &lt; <i>nullability_indicator</i> &gt;</b>
Explanation:	Internal CAPI definition of IDMSX capture row image differs from the capture row returned by IDMSX. This message is the second part of message PWX-16596, which immediately precedes this message.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16699</b>	<b>Last message in CAPI IDMSX range</b>
Explanation:	This message is informational.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-16710</b>	<b>SMF Storage request failed</b>
Explanation:	A request for SMF storage failed
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16711</b>	<b>Statistics collection to type "<i>destination</i>", interval "<i>minutes</i>" minutes</b>
Explanation:	Statistics collection for this PowerExchange Listener is through SMF or file (type) to target SMF record number or data set, with interval collection every <i>minutes</i> minutes.
User Response:	No response is required.
<b>PWX-16712</b>	<b>SMF subtask creation failed, rc <i>return_code</i></b>
Explanation:	The SMF collection task failed to start. The return code depends on the operating system environment.
System Action:	The PowerExchange Listener ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-16713</b>	<b>SMF interval subtask started, collection interval "<i>mins</i>" minute(s)</b>
Explanation:	The SMF collection task is active and collects statistics every x minutes.
User Response:	No response is required.
<b>PWX-16714</b>	<b>SMF interval subtask ended, cycle count = <i>count</i></b>
Explanation:	The SMF collection task has ended cleanly, having collected interval data the specified number of times.

User Response: No response is required.

**PWX-16715      STATS requested to be written to SMF, but loadlib is not APF authorized.**

Explanation: Writing STATS to SMF requires the PowerExchange library to be APF authorized.

System Action: The PowerExchange Listener ends.

User Response: Add the PowerExchange load library to the APF authorized list.

**PWX-16716      Directory for file-mapped memory statistics files is '*directory*'.**

Explanation: This informational message is logged on AIX PPC64, IBM i (i5/OS), and Solaris SP64 systems when a PowerExchange Listener starts and the collection of Listener statistics is enabled by the STATS=MONITOR statement in the DBMOVER configuration file. The message reports the directory that contains the temporary file-mapped memory statistics files, which are used for memory sharing by the PowerExchange Listener and other task processes. If you did not set the FILEMAPPED\_MEMORY\_DIR statement in the DBMOVER configuration file to point to a specific directory, use this message to determine the directory location in which these files are generated.

**Tip:** Informatica recommends that you define the FILEMAPPED\_MEMORY\_DIR statement to direct the temporary file-mapped memory statistics files to a specific directory that is used only for this purpose. Ensure that this directory is located on a locally mounted disk to avoid complications that result from network mountings.

User Response: No response is required.

**PWX-16720      Timed out after *number\_of\_seconds* seconds waiting for lock. Task *task*. Holder key *holder\_key\_number* (*description*). Caller key *caller\_key\_number* (*description*).**

Explanation: PowerExchange logs this warning message on z/OS when statistics are being gathered. The timeout period elapsed without the caller being able to lock the statistics memory blocks for a task.

- *holder\_key\_number* indicates the process that has held the lock for an excessive amount of time.
- *caller\_key\_number* indicates the process that is attempting to the lock the memory blocks for the task.

System Action: Processing continues.

If the caller is reporting statistics, it skips the problem task and continues to the next task.

If the caller is the PowerExchange Listener and it is performing a termination step, it continues and frees the memory without a lock.

User Response: Look for messages that indicate a failure in another part of the system. Verify that alternate logging was specified.

## PWX-19000 to PWX-19999

**PWX-19700      Missing parm *parameter***

Explanation: The parameter is required for DTLUCSR2.

System Action: The DTLUCSR2 utility processing ends.

User Response: Code the missing parameter.

**PWX-19701      Error on print DBCB *call\_type* call, *rcs=return\_code1/return\_code2/return\_code3***

Explanation: DTLUCSR2 encountered an error while processing the DATABASE FILE.

In the message text

- *call\_type* is the type of call for which the error occurred.
- *return\_code1*, *return\_code2*, and *return\_code3* are the PowerExchange return codes for the failure.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-19702      Error processing DATABASE FILE**

Explanation: An error was encountered processing the DATABASE FILE, additional messages follow.

System Action: The DTLUCSR2 utility processing ends.

User Response: Investigate error.

**PWX-19703      Unexpected end of file reached on DATABASE FILE**

Explanation: While reading from DATABASE FILE, end of file (EOF) was reached.

System Action: The DTLUCSR2 utility processing ends.

User Response: Investigate error.

**PWX-19704      Read error on DATABASE FILE, *rc=return\_code rc\_description***

Explanation: DTLUCSR2 encountered an error while reading the DATABASE FILE.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-19706      Internal error, *prog=program\_name*, *line=line\_number*, *desc=description***

Explanation: An internal error was encountered.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-19707      Open error on DATABASE FILE, *rc="return\_code" rc\_description***

Explanation: DTLUCSR2 encountered an error while opening the DATABASE FILE.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-19708      *fldata()* failed for DATABASE FILE, *rc="return\_code"***

Explanation: A *fldata()* call failed attempting to obtain block size information for DATABASE FILE.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

<b>PWX-19709</b>	<b>Unable to obtain DSN for DATABASE FILE</b>
Explanation:	A fldata() call failed attempting to obtain block size information for DATABASE FILE.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-19710</b>	<b>Return File Info allocation failure, error code=0x"error_code_in_hex", info code=0x"info_code_in_hex"</b>
Explanation:	DTLUCSR2 encountered an error when attempting to obtain file information using dynamic allocation on z/OS systems. The error and info codes are documented in the IBM <i>MVS Programming Authorized Assembler Services Guide</i> .
System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on error/info codes.
<b>PWX-19711</b>	<b>DATABASE FILE fseek failed: rc="fseek_return_code"; offset="fseek_position"; method=method</b>
Explanation:	DTLUCSR2 encountered an error using fseek on the DATABASE FILE.
System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on error/info codes.
<b>PWX-19750</b>	<b>Missing parm parameter</b>
Explanation:	The parameter is required for DTLULCAT.
System Action:	The DTLULCAT utility Processing ends.
User Response:	Code the missing parameter.
<b>PWX-19751</b>	<b>Error on print DBCB call_type call, rcs=return_code1/return_code2/return_code3</b>
Explanation:	DTLULCAT encountered an error while processing the DD LOGFILE.  In the message text <ul style="list-style-type: none"> <li>• <i>call_type</i> is the type of call that encountered the error.</li> <li>• <i>return_code1</i>, <i>return_code2</i>, and <i>return_code3</i> are the PowerExchange return codes for the failure.</li> </ul>
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-19752</b>	<b>Error processing LOGFILE</b>
Explanation:	An error was encountered processing DD LOGFILE, additional messages follow.
System Action:	The DTLULCAT utility processing ends.
User Response:	Investigate error.
<b>PWX-19753</b>	<b>Unexpected end of file reached on DD LOGFILE</b>
Explanation:	While reading from DD LOGFILE, end of file (EOF) was reached.
System Action:	The DTLULCAT utility processing ends.

User Response: Investigate error.

**PWX-19754 Read error on DD LOGFILE, rc="return\_code" rc\_description**

Explanation: DTLULCAT encountered an error while reading the DD LOGFILE.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-19755 First LOGFILE record is not TIME.**

Explanation: The first record read from the DD LOGFILE should be a TIME record, but it is not.

System Action: Processing ends.

User Response: Examine logfile.

**PWX-19756 Internal error, prog=program\_name, line=line\_number, desc=description**

Explanation: An internal error was encountered.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-19757 Open error on DD LOGFILE, rc="return\_code" rc\_description**

Explanation: DTLULCAT encountered an error while opening the DD LOGFILE.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-19758 fldata() failed for DD LOGFILE, rc="return\_code"**

Explanation: A fldata() call failed attempting to obtain block size information for DD LOGFILE.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-19759 Unable to obtain DSN for DD LOGFILE**

Explanation: A fldata() call failed attempting to obtain block size information for DD LOGFILE.

System Action: Processing ends.

User Response: Correct the error. Then, run the request again.

**PWX-19760 Return File Info allocation failure, error code=0x"error\_code\_in\_hex", info code=0x"info\_code\_in\_hex"**

Explanation: DTLULCAT encountered an error when attempting to obtain file information using dynamic allocation on z/OS systems. The error and info codes are documented in the *IBM MVS Programming Authorized Assembler Services Guide*.

System Action: The system returns an error to the calling software.

User Response: Attempt to correct the problem based on error/info codes.

**PWX-19761 LOGFILE fseek failed: rc="fseek\_return\_code"; offset="fseek\_position"; method=method**

Explanation: DTLULCAT encountered an error using fseek on the file LOGFILE.

System Action:	The system returns an error to the calling software.
User Response:	Attempt to correct the problem based on error/info codes.
<b>PWX-19804</b>	<b>IDMS CATLG: STATUS must be A,S or T</b>
Explanation:	Correct the STATUS parameter and resubmit.
System Action:	Program ends with return code 8.
User Response:	No response is required.
<b>PWX-19805</b>	<b>IDMS CATLG: LOG_DATA_TYPE must be IXL or IDL</b>
Explanation:	Correct the LOG_DATA_TYPE parameter and resubmit.
System Action:	Program ends with return code 8.
User Response:	No response is required.
<b>PWX-19817</b>	<b>IDMS CATLG: FIRST_RECORD_SEQUENCE_NUMBER Sequence number must be 16 in length</b>
Explanation:	Ensure that the FIRST_RECORD_SEQUENCE_NUMBER parameter is 16 characters in length and resubmit.
System Action:	Program ends with return code 8.
User Response:	No response is required.
<b>PWX-19818</b>	<b>IDMS CATLG: FIRST_RECORD_TIME_STAMP Timestamp must be 16 in length and greater than the previous Entry added.</b>
Explanation:	Correct the FIRST_RECORD_TIME_STAMP parameter and resubmit.
System Action:	Program ends with return code 8.
User Response:	No response is required.
<b>PWX-19850</b>	<b>IDMS CATLG FILE: VSAM Error rc=return_code</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19851</b>	<b>IDMS CATLG FILE: Record with key key_and_data successfully added.</b>
Explanation:	This message is informational.
User Response:	No response is required.
<b>PWX-19852</b>	<b>IDMS CATLG FILE: Record Add Failure with key key_and_data.</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19853</b>	<b>IDMS CATLG FILE: Internal error - function not known.</b>
Explanation:	Internal function error
System Action:	Program ends with return code 8.

User Response:	Inform the software vendor.
<b>PWX-19854</b>	<b>IDMS CATLG FILE: Entry Record with key <i>key_and_data</i> - Deletion Failure.</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19855</b>	<b>IDMS CATLG FILE: Instance Record with key <i>key_and_data</i> - Insertion Failure.</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19856</b>	<b>IDMS CATLG FILE: Record with key <i>key_and_data</i> - Remove Instance Failure.</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19857</b>	<b>IDMS CATLG FILE: Entry Record with key <i>key_and_data</i> - Update Failure.</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19858</b>	<b>IDMS CATLG FILE: Instance with key <i>key_and_data</i> - Report Failure.</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19859</b>	<b>IDMS CATLG FILE: Instance with key <i>key_and_data</i> - Export Failure.</b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19860</b>	<b>IDMS CATLG FILE: Add Entry Failure trying to add Entry num <i>new_number</i>, current highest is <i>highest_so_far</i></b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file instance and entries, correct any errors, resubmit.
<b>PWX-19861</b>	<b>IDMS CATLG FILE: Add Entry Failure trying to read highest entry Entry num <i>entry_number</i></b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.



User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19862</b>	<b>IDMS CATLG FILE: Add Entry Failure - Timestamp not greater than previous for key <i>key_and_data</i></b>
Explanation:	A VSAM/cISAM error occurred.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, last entry added - new one must have a higher timestamp. Correct any errors, resubmit.
<b>PWX-19863</b>	<b>IDMS CATLG FILE: Instance successfully removed, key <i>key_and_data</i></b>
Explanation:	This message is informational.
User Response:	No response is required.
<b>PWX-19864</b>	<b>IDMS CATLG FILE: Entry successfully removed, key <i>key_and_data</i></b>
Explanation:	This message is informational.
User Response:	No response is required.
<b>PWX-19865</b>	<b>IDMS CATLG FILE: Instance successfully inserted, key <i>key_and_data</i></b>
Explanation:	This message is informational.
User Response:	No response is required.
<b>PWX-19866</b>	<b>IDMS CATLG FILE: Add Instance Failure - key already exists <i>key_and_data</i></b>
Explanation:	The Instance being added already exists.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19867</b>	<b>IDMS CATLG FILE: Instance not found - key <i>key_and_data</i></b>
Explanation:	The Instance being accessed does not exist.
System Action:	Program ends with return code 8.
User Response:	Review the IDMS Catalog file, correct any errors, resubmit.
<b>PWX-19868</b>	<b>IDMS CATLG FILE: Entry successfully updated, key <i>key_and_data</i></b>
Explanation:	This message is informational.
User Response:	No response is required.
<b>PWX-19869</b>	<b>IDMS CATLG FILE: Add Entry Failure - Central/Local journal timestamps mismatch for key <i>key_and_data</i></b>
Explanation:	An existing Central mode journal has a timestamp that conflicts with a Local journal being added.
System Action:	Program ends with return code 8.
User Response:	An existing Central mode journal has a first record timestamp that is later than the timestamp of the last record in the Local journal being added.

**PWX-19870 IDMS CATLG FILE: END OF INPUT FILE**

Explanation: This message is informational.

User Response: No response is required.

**PWX-19899 IDMS CATLG FILE: Last Error message for IDMS Catalog**

Explanation: This message is informational.

User Response: No response is required.

**PWX-19956 IDMS ILSR2: SR3 Database Key, K=*string* non character hexadecimal digit at position *position***

Explanation: Correct the SR3 Database Key, K= value parameter and resubmit (Max length 8).

System Action: Program ends with return code 8.

User Response: No response is required.

**PWX-19957 IDMS ILSR2: SR3 SUM Total, SR2TOTAL value *string*, non character hexadecimal digit at position *position***

Explanation: Correct the SR3 SUM Total value, SR2TOTAL= value parameter and resubmit (Max length 16).

System Action: Program ends with return code 8.

User Response: No response is required.

**PWX-19958 IDMS ILSR2: SR3 END Total, SR2TOTAL value *string*, non character hexadecimal digit at position *position***

Explanation: Correct the SR3 END Total value, SR2TOTAL= value parameter and resubmit (Max length 16).

System Action: Program ends with return code 8.

User Response: No response is required.

**PWX-19959 IDMS ILSR2: SR2 Database Key, K=*string* non character hexadecimal digit at position *position***

Explanation: Correct the SR2 Database Key, K= value parameter and resubmit (Max length 8).

System Action: Program ends with return code 8.

User Response: No response is required.

## PWX-20000 to PWX-20999

**PWX-20010 *supporting\_information***

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module issued a message that required additional supporting information contained in this message.

System Action: Depends on specific message issued.

User Response: Based on specific message issued.

<b>PWX-20011</b>	<b>Restart info length <i>length</i> invalid, must be length</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart info.
<b>PWX-20012</b>	<b>Restart info database <i>database(0xhex_database_value)</i> invalid, must be database (0xhex_database_value)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart info or correct the CAPI configuration information to reflect the correct volume set name.
<b>PWX-20013</b>	<b>Restart info VTS <i>virtual_time_stamp</i> invalid (reason=<i>reason_code</i>)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20014</b>	<b>Sequence info commit VTS <i>hex_sequence_value</i> invalid (reason=<i>reason_code</i>)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20015</b>	<b>Sequence info commit accuracy <i>hex_sequence_value</i> invalid (reason=<i>reason_code</i>)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20016</b>	<b>Sequence info length <i>length</i> invalid, must be length</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20017</b>	<b>Sequence info 0x <i>hex_sequence_value</i> invalid (reason=&lt;<i>reason_code</i>&gt;)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid sequence information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20018</b>	<b>Database missing</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module failed to detect the database name.
System Action:	The system returns an error to the calling software.

User Response:	Call Informatica Global Customer Support.
<b>PWX-20019</b>	<b>Sequence info commit partition <i>hex_number</i> invalid (reason=<i>reason_code</i>)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20020</b>	<b>UDB commit VTS : <i>virtual_time_stamp</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format sequence information.
User Response:	No response is required.
<b>PWX-20021</b>	<b>UDB commit partition: <i>commit_partition_number</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart information.
User Response:	No response is required.
<b>PWX-20022</b>	<b>UDB record partition: <i>record_partition_number</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart sequence information.
User Response:	No response is required.
<b>PWX-20023</b>	<b>UDB record LLSN : <i>record_logical_LSN</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart sequence information.
User Response:	No response is required.
<b>PWX-20024</b>	<b>UDB publish sequence: <i>number</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart sequence information.
User Response:	No response is required.
<b>PWX-20025</b>	<b>UDB database : <i>database_name</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart information.
User Response:	No response is required.
<b>PWX-20026</b>	<b>UDB restart VTS time: <i>virtual_time_stamp</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart information.
User Response:	No response is required.

<b>PWX-20027</b>	<b>UDB sequence &lt;NULL&gt;</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart information.
User Response:	No response is required.
<b>PWX-20028</b>	<b>Default</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart information.
User Response:	No response is required.
<b>PWX-20029</b>	<b>NULL</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to format restart information.
User Response:	No response is required.
<b>PWX-20030</b>	<b>Database <i>database_name</i> partition <i>partition_number</i></b>
Explanation:	This message communicates the database and partition and is issued in conjunction with other messages.
User Response:	No response is required.
<b>PWX-20031</b>	<b><i>no_filter_tag</i> and other tags cannot be mixed</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered the special registration tag indicating no filtering in combination with other registration tags.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20032</b>	<b>UDB transaction <i>transaction_id</i>, first log record LLSN <i>logical_LSN</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to report the transaction ID and logical LSN of a unit of work associated with other messages.
User Response:	No response is required.
<b>PWX-20033</b>	<b>UPD table: &lt;<i>schema_name</i>&gt;.&lt;<i>table_name</i>&gt;</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to report the table name of a resource associated with other messages.
User Response:	No response is required.
<b>PWX-20034</b>	<b>Column <i>column_name</i> contains an unsupported default <i>default_value_text</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module needed to map the default value of a column and the value is not supported.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-20035</b>	<b>Database <i>database_name</i> transaction commit VTS <i>commit_VTS_value</i> restart time <i>restart_VTS_time</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module uses this message to report the logical unit of work associated with other messages.
User Response:	No response is required.
<b>PWX-20036</b>	<b>Internal error, prog=<i>program_name</i>, line=<i>line_number</i>, desc=<i>description</i></b>
Explanation:	An internal error was encountered.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20037</b>	<b>Repository call <i>function_name</i> failed for repository <i>return_code</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an error when attempting to interact with the repository.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20038</b>	<b>Tag <i>registration_tag</i> database <i>database_name</i> does not match configured database <i>database_name</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module determined that the registration tag in question does not appear to be on the database specified in the CAPI_CONNECTION information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart info or correct the CAPI configuration information to reflect the correct database name.
<b>PWX-20039</b>	<b>No active entry for registration tag <i>registration_tag</i> found in repository location</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module could not locate the registration tag specified in the repository at the location specified.
System Action:	The system returns an error to the calling software.
User Response:	Correct the problem by specifying the correct location or removing the registration tag from the list of sources.
<b>PWX-20040</b>	<b><i>no_filter_tag</i> specified without RequestNoChangeData extended attribute</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered the special registration tag indicating no filtering without the RequestNoChangeData extended attribute.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20041</b>	<b>Registration tags <i>registration_tag</i> and <i>registration_tag</i> both refer to table <i>creator_name.table_name</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered multiple registration tags referring to the same table.
System Action:	The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-20042      Table registration *creator\_name.table\_name* columns *column\_name* and *column\_name* both have output column number *output\_column\_number***

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered a table registration with multiple columns with the same output column number.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-20043      Table registration *creator\_name.table\_name* contains column name *column\_name* more than once**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered a table registration with multiple columns with the same name.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-20044      Table registration *creator\_name.table\_name* column *column\_name* has unsupported type *<data\_type>***

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered a table registration with a column with an unsupported data type.

System Action: The system returns an error to the calling software.

User Response: Remove column from registration or contact Informatica Global Customer Support.

**PWX-20045      Table registration *creator\_name.table\_name* does not represent all columns in schema (see log)**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered data for a table registration with "select all and notify changes" and some of the columns in the actual table were not in the registration.

System Action: The system returns an error to the calling software.

User Response: Correct registration or contact Informatica Global Customer Support.

**PWX-20046      Table registration *creator\_name.table\_name* contains columns not in schema (see log)**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered data to be extracted based on the capture registration and extraction map for the specified DB2 table. However, the capture registration for the table defines some columns that are not in the table.

System Action: PowerExchange returns an error to the calling software.

User Response: Correct the capture registration. If necessary, contact Informatica Global Customer Support.

**PWX-20047      Column *column\_name***

Explanation: Column name related to an other error message.

User Response: No response is required.

<b>PWX-20048</b>	<b>Transaction <i>hex_transaction_ID</i> on partition <i>partition_number</i> starts at LLSN <i>hex_logical_LSN</i></b>
Explanation:	This message is issued in conjunction with other messages to report the LLSN where a transaction starts.
User Response:	No response is required.
<b>PWX-20049</b>	<b>Tag name <i>tag_name</i></b>
Explanation:	Tag name related to an other error message.
User Response:	No response is required.
<b>PWX-20050</b>	<b>Record at LLSN <i>hex_logical_LSN</i> ignored because transaction <i>hex_transaction_ID</i> not active</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a record that was not associated with an active transaction. This can during restart and is only provided as a possible diagnostic.
User Response:	No response is required.
<b>PWX-20051</b>	<b>Record at LLSN <i>hex_logical_LSN</i> is a data operation related to a catalog operation in the same transaction</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a data operation and a catalog operation for a table being captured in the same transaction. The UDB capture process does not support this.
System Action:	The system returns an error to the calling software.
User Response:	Adjust the restart point to skip over this transaction. This might involve rematerializing the table.
<b>PWX-20052</b>	<b>Table <i>&lt;schema_name&gt;.&lt;table_name&gt;</i></b>
Explanation:	Table name related to an other error message.
User Response:	No response is required.
<b>PWX-20053</b>	<b>Record at LLSN <i>hex_logical_LSN</i> is <i>record_type</i>, not expected in state <i>state_name</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an unexpected record in the log.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20054</b>	<b>Record at LLSN <i>hex_logical_LSN</i> references TID=<i>0xhex_ID</i> FID=<i>0xhex_ID</i>, expected TID=<i>0xhex_ID</i> FID=<i>0xhex_ID</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an unexpected record in the log.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.



<b>PWX-20055</b>	<b>Record at LLSN <i>hex_logical_LSN</i> has problem: <i>description</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an error with a record in the log.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20056</b>	<b>Record at LLSN <i>hex_logical_LSN</i> is normal commit for crashing transaction</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a record with contradictory information. This has most likely been handled correctly and is issued only as a possible diagnostic.
User Response:	No response is required.
<b>PWX-20057</b>	<b>Partition <i>partition_number</i> transaction <i>transaction_id</i></b>
Explanation:	This message communicates the partition and transaction ID and is issued in conjunction with other messages.
User Response:	No response is required.
<b>PWX-20058</b>	<b>UDB CAPI_CONNECTION <i>parameter_name</i> parameter requires <i>parameter_name</i> parameter</b>
Explanation:	In a UDB CAPI_CONNECTION statement, one parameter requires the specification of a second parameter.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20059</b>	<b>UDB DB <i>database_name</i>: CAPI_CONNECTION statement is the source of security information; USERID=<i>user_id</i></b>
Explanation:	The CAPI_CONNECTION statement is the source of the user ID and password used when connecting to the UDB database.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20060</b>	<b>API call <i>function_name</i> returned <i>return_code</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an unexpected return code from the call indicated.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20061</b>	<b>API call <i>function_name</i> failed for table &lt;<i>schema_name</i>&gt;.&lt;<i>table_name</i>&gt;</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an unexpected return code from the call indicated when processing the table specified.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-20062</b>	<b>Compensation Record at LLSN "<i>hex_logical_LSN</i>" "<i>CAPDL_record_type_name</i>" ("<i>CAPDL_record_type_value</i>") TID=0x<i>hex_ID</i> FID=0x<i>hex_ID</i> does not match queued op "<i>queued_operation_type_name</i>" ("<i>queued_operation_type_value</i>") TID=0x<i>hex_ID</i> FID=0x<i>hex_ID</i></b>
Explanation:	While collapsing backout records for a transaction, the DB2 for Linux, UNIX, and Windows consumer API (CAPI) module encountered an unacceptable sequence of log records. This message is primarily for diagnostic use by Informatica Global Customer Support.
System Action:	An error is returned to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20063</b>	<b>Compensation Record at LLSN "<i>hex_logical_LSN</i>" should be "<i>CAPDL_record_type_name</i>" ("<i>CAPDL_record_type_value</i>")</b>
Explanation:	While collapsing backout records for a transaction, the DB2 for Linux, UNIX, and Windows consumer API (CAPI) module encountered an unacceptable sequence of log records.
System Action:	An error is returned to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20066</b>	<b>Restart info VTS &lt;<i>virtual_time_stamp</i>&gt; before lowest VTS &lt;<i>virtual_time_stamp</i>&gt; in capture catalog.</b>
Explanation:	The PowerExchange UDB CAPI module encountered invalid restart information for the capture catalog this is being used for the DB2 for Linux, UNIX, and Windows CDC source.
System Action:	An error is returned.
User Response:	If the restart sequence number is not valid, correct it.
<b>PWX-20067</b>	<b>CAPD Info: PWX-20068 messages that were associated with thread <i>thread_name</i> at extraction termination:</b>
Explanation:	This message identifies the thread on a DB2 for Linux, UNIX, and Windows source for which subsequent PWX-20068 messages report error and other information.
User Response:	No response is required.
<b>PWX-20068</b>	<b>CAPD Info: <i>message_text</i></b>
Explanation:	This message reports information about the DB2 for Linux, UNIX, and Windows capture thread that is identified in message PWX-20067. If multiple errors cause a DB2 CDC session to end abnormally, PowerExchange reports only one of the errors in a specific error message and then reports information about the other errors in messages with this message ID.
User Response:	No response is required.
<b>PWX-20069</b>	<b>CAPD Info: Shutdown request detected (<i>thread_name</i>).</b>
Explanation:	The PowerExchange change capture process for a DB2 for Linux, UNIX, and Windows node received a shutdown request from a caller on the specified thread.
System Action:	The DB2 capture process begins shutdown processing.
User Response:	No response is required.
<b>PWX-20070</b>	<b>Capture catalog (<i>capture_catalog_name</i>) initialization failed with rc=<i>return_code</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an error when attempting to access the capture catalog.

System Action:	The system returns an error to the calling software.
User Response:	Attempt to resolve the problem based on other error messages issued.
<b>PWX-20071</b>	<b>API call <i>function_name</i> returned <i>return_code</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an unexpected return code from the call indicated.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20072</b>	<b>Capture catalog (<i>capture_catalog_name</i>) probably corrupted or uninitialized</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an error when attempting to access the capture catalog.
System Action:	The system returns an error to the calling software.
User Response:	Verify the capture catalog was initialized, if it has contact Informatica Global Customer Support.
<b>PWX-20073</b>	<b>Capture catalog (<i>capture_catalog_name</i>) row error VTSTIME=<i>virtual_time_stamp</i> VTSACC=<i>number</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered an error in the row corresponding to the values in the message.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20080</b>	<b>Column <i>column_name</i> registration shows NOT NULL, but actual column is nullable</b>
Explanation:	The column registration does not match the actual column definition.
System Action:	An error is return to the calling software.
User Response:	Correct registration or contact Informatica Global Customer Support to report error.
<b>PWX-20081</b>	<b>Column <i>column_name</i> registration shows nullable, but actual column is NOT NULL</b>
Explanation:	The column registration does not match the actual column definition.
System Action:	An error is return to the calling software.
User Response:	Correct registration or contact Informatica Global Customer Support to report error.
<b>PWX-20082</b>	<b>Column <i>column_name</i> registration shows type <i>type_name</i> (<i>internal_type_name</i>), but actual column is type <i>catalog_type_name</i></b>
Explanation:	The column registration does not match the actual column definition.
System Action:	An error is return to the calling software.
User Response:	Correct registration or contact Informatica Global Customer Support to report error.
<b>PWX-20083</b>	<b>Column <i>column_name</i> registration has an incompatible length for the actual column</b>
Explanation:	The column registration does not match the actual column definition.
System Action:	An error is return to the calling software.

User Response: Correct registration or contact Informatica Global Customer Support to report error.

**PWX-20084      Column *column\_name* registration has an incompatible scale for the actual column**

Explanation: The column registration does not match the actual column definition.

System Action: An error is return to the calling software.

User Response: Correct registration or contact Informatica Global Customer Support to report error.

**PWX-20085      Table registration *creator\_name.table\_name* contains incompatible or unsupported columns (see log)**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered a capture registration for a DB2 table that has one or more columns that are either incompatible with the current schema or that have unsupported data types.

System Action: The system returns an error to the calling software.

User Response: Remove these columns from the registration. If you need assistance, contact Informatica Global Customer Support.

**PWX-20086      Column *column\_name* registration shows codepage, but actual column has codepage**

Explanation: The column registration does not match the actual column definition.

System Action: An error is return to the calling software.

User Response: Correct registration or contact Informatica Global Customer Support to report error.

**PWX-20090      Table registration <"*creator\_name*".*table\_name*> is not defined; registration tag name <"*tag\_name*">.**

Explanation: During DB2 for Linux, UNIX, and Windows CDC, the PowerExchange UDB CAPI did not find the specified DB2 table in the capture catalog table or at the restart point. This problem might occur for the following reasons:

- The table no longer exists.
- The restart point is invalid.
- The capture registration is corrupted or is not the correct one for the table.
- The UDB CAPI\_CONNECTION statement points to the wrong capture catalog table.

System Action: The system returns an error to the calling software.

User Response: Verify that the capture registration, restart point, and capture catalog are correct. Correct any problems and then rerun the CDC session.

**PWX-20091      Table registration *creator\_name.table\_name* does not have data capture changes on**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module did not find the table to be defined with data capture changes on at the restart point or current catalog.

System Action: The system returns an error to the calling software.

User Response: Correct registration or alter table and rerun.

<b>PWX-20092</b>	<b>Table registration <i>creator_name.table_name</i> contains long fields and does not have data capture changes including long fields on</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module found the table to contain long fields and did not find the table to be defined with data capture changes including long fields on at the restart point or current catalog.
System Action:	The system returns an error to the calling software.
User Response:	Correct registration or alter table and rerun.
<b>PWX-20093</b>	<b>Additional table registration capture problems in log</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module found problems with the requested registrations. See the log on the capture system for details of these problems.
System Action:	The system returns an error to the calling software.
User Response:	Correct problems and rerun.
<b>PWX-20094</b>	<b>Table registration <i>creator_name.table_name</i> contains long columns and does not have data capture changes including long fields on</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered data for a table registration with columns with either "LONG VARCHAR" or "LONG VARGRAPHIC" types and data capture changes including long fields was not active.
System Action:	The system returns an error to the calling software.
User Response:	Correct registration or alter table and rerun.
<b>PWX-20100</b>	<b>Capture catalog <i>table_name</i> has <i>number</i> partitions, database <i>database_name</i> has <i>number</i> partitions</b>
Explanation:	A UDB Capture module encountered a difference between what the capture catalog and the database report for the number of partitions. If partitions have been added or removed, the DTLUCUDB SNAPUPDT utility might need to be run.
System Action:	The system returns an error to the calling software.
User Response:	Correct problems and rerun.
<b>PWX-20101</b>	<b>Capture catalog <i>table_name</i> partition information does not match database <i>database_name</i></b>
Explanation:	A UDB Capture module encountered a difference between what the capture catalog and the database report for partition information.
System Action:	The system returns an error to the calling software.
User Response:	Correct problems and rerun.
<b>PWX-20102</b>	<b>Capture catalog <i>table_name</i> reports <i>number</i> as catalog partition, database <i>database_name</i> reports <i>number</i></b>
Explanation:	A UDB Capture module encountered a difference between what the capture catalog and the database report for the catalog partition.
System Action:	The system returns an error to the calling software.
User Response:	Correct problems and rerun.

<b>PWX-20103</b>	<b>Database <i>database_name</i> reports both <i>partition number</i> and <i>partition number</i> as catalog partitions</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered the database reporting more than one catalog partition.
System Action:	The system returns an error to the calling software.
User Response:	Correct problems and rerun.
<b>PWX-20104</b>	<b>Database <i>database_name</i> reported no catalog partition</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a problem when the database did not report a catalog partition.
System Action:	The system returns an error to the calling software.
User Response:	Correct problems and rerun.
<b>PWX-20110</b>	<b>Sequence info record <i>partition hex_number</i> invalid (reason=<i>reason_code</i>)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20111</b>	<b>Sequence info record LLSN <i>hex_number</i> invalid (reason=<i>reason_code</i>)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20112</b>	<b>Sequence info publish sequence <i>hex_number</i> invalid (reason=<i>reason_code</i>)</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered invalid restart information.
System Action:	The system returns an error to the calling software.
User Response:	Correct the source of the invalid restart sequence number.
<b>PWX-20120</b>	<b>Subordinate transaction <i>transaction_id</i> on <i>partition number</i> ignored because it references non-existent <i>partition number</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a subordinate unit of work that indicated a coordinating partition that no longer exists.
System Action:	The unit of work is discarded.
User Response:	No response is required.
<b>PWX-20121</b>	<b>Subordinate transaction <i>transaction_id</i> on <i>partition number</i> ignored because coordinating <i>partition number</i> reached VTS <i>virtual_time_stamp</i> and commit was VTS <i>virtual_time_stamp</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a subordinate unit of work that had a commit virtual time stamp less than the current virtual time stamp on the coordinating partition.
System Action:	The unit of work is discarded.
User Response:	No response is required.

<b>PWX-20122</b>	<b>Coordinating transaction <i>transaction_id</i> on partition <i>number</i> references subordinate transaction on non-existent partition <i>number</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a coordinating unit of work that indicated a subordinate transaction on a non-existent partition.
System Action:	The subordinate unit of work is ignored.
User Response:	No response is required.
<b>PWX-20123</b>	<b>Coordinating transaction <i>transaction_id</i> on partition <i>number</i> references subordinate transaction on partition <i>number</i> that was not found</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a coordinating unit of work that indicated a subordinate transaction on a non-existent partition.
System Action:	The subordinate unit of work is ignored.
User Response:	No response is required.
<b>PWX-20124</b>	<b>End of log reached at VTS <i>end_of_log_VTS_value</i> before seek VTS of <i>seek_VTS_value</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module reached the end of log without encountering the seek point.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20125</b>	<b>Transaction <i>transaction_id</i> has no VTS</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a unit of work (UOW) required for processing that does not contain a VTS.
System Action:	An error is returned to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20126</b>	<b>STOPTASK received while seeking restart point</b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module received STOPTASK seeking restart point in the UDB log
System Action:	Processing ends.
User Response:	No response is required.
<b>PWX-20127</b>	<b>Unable to find partition <i>partition_number</i> LSN positioning entry for Seek VTS <i>start_of_log_VTS_value</i></b>
Explanation:	The UDB CAPI attempts to position within the various log files to begin reading log data. For the given partition, no LSN positioning entry was found.
System Action:	Processing ends.
User Response:	No response is required.
<b>PWX-20130</b>	<b>Discarding DDL operation <i>catalog_description_of_operation</i> with tid <i>tablespace_id</i> fid <i>file_id</i> from node <i>node_number</i> llsn <i>logical_log_sequence_number</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module encountered a table object that is not in the DB2 capture catalog.

System Action: The log record is skipped.

User Response: No response is required.

**PWX-20131 Catalog operation *catalog\_operation\_description* missing**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module expected the catalog operation, but did not find it.

System Action: An error is return to the calling software.

User Response: Contact Informatica Global Customer Support to report error.

**PWX-20132 No matching data partition operations found (*catalog\_operation\_description*)**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module did not find any matching data partition operations for a system table operation.

System Action: An error is return to the calling software.

User Response: Contact Informatica Global Customer Support to report error.

**PWX-20133 Unexpected catalog operation *catalog\_operation\_description***

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered an unexpected catalog operation.

System Action: An error is return to the calling software.

User Response: Contact Informatica Global Customer Support to report error.

**PWX-20135 Column "*create\_or\_drop*" for column *column\_name* in table *creator\_name.table\_name* skipped**

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered a create or drop column log record with a table name that was not known. This record was probably a non-table object, such as a view.

System Action: The log record is skipped.

User Response: No response is required.

**PWX-20140 Database *database\_name* previous transaction commit VTS *commit\_VTS\_value* restart time *restart\_VTS\_time***

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module uses this message to report the previous logical unit of work associated with other messages.

User Response: No response is required.

**PWX-20145 Expected consecutive catalog column operations to be identical: first=*column\_operation* current=*current\_column\_operation***

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module expected identical consecutive catalog operations but found unlike operations.

In the message text:

- *column\_operation* is the first catalog operation.
- *current\_column\_operation* is the latest catalog operation.

System Action: An error is returned to the calling software.



User Response:	Contact Informatica Global Customer Support.
<b>PWX-20146</b>	<b>Expected consecutive catalog operations to be for same table: first=<i>creator.table</i> current=<i>creator.table</i></b>
Explanation:	The DB2 for Linux, UNIX, and Windows CAPI module expected, but did not find, consecutive catalog operations to be for the same table.
System Action:	An error is returned to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20160</b>	<b>CCatalog statistics <i>capture_catalog_state</i> processing</b>
Explanation:	This message begins a report of UDB Capture Catalog entries.
User Response:	No response is required.
<b>PWX-20163</b>	<b><i>number_of_entries</i> CCatalog capture catalog entry_type_entries</b>
Explanation:	This message displays a count of entries in the capture catalog for a certain entry type.
User Response:	No response is required.
<b>PWX-20170</b>	<b>Spill file <i>partition_number-allocation_number</i> was allocated. File name <i>file_name</i>.</b>
Explanation:	The DB2 for Linux, UNIX, and Windows (UDB) consumer API (CAPI) allocated the spill file with the specified file name while staging uncommitted transactions. The <i>allocation number</i> indicates how many spill files have been allocated for the specified DB2 partition in the extraction. The <i>file name</i> is the name of the spill file that was allocated. Message PWX-20174 provides additional information about the transaction that is associated with the spill file.
System Action:	CDC processing continues.
User Response:	No response is required. To prevent spill file allocation and conserve disk space, set the MEMCACHE parameter in the UDB CAPI_CONNECTION statement to a larger value or to 0 to have memory cache size limited only by available memory.
<b>PWX-20171</b>	<b>Spill file <i>partition_number-allocation_number</i> was deallocated. File name <i>file_name</i>.</b>
Explanation:	The UDB consumer API (CAPI) deallocated the spill file with the specified file name.
User Response:	No response is required.
<b>PWX-20174</b>	<b>+ Partition <i>partition_number</i>, transaction ID <i>hexadecimal_transaction_id</i>, first LLSN <i>hexadecimal_logical_LSN</i>.</b>
Explanation:	This message provides information about a transaction that is addressed in a preceding message. This information includes the DB2 for Linux, UNIX, and Windows partition that the transaction processed, the transaction ID in hexadecimal format, and first logical log sequence number (LLSN).
User Response:	No response is required.
<b>PWX-20175</b>	<b>+ Current LLSN <i>hexadecimal_logical_LSN</i>.</b>
Explanation:	This messages provides the current logical log sequence number (LLSN) that identifies the current point in the change stream for a DB2 for Linux, UNIX, and Windows source.
User Response:	No response is required.

<b>PWX-20176</b>	<b>DB2 for LUW capture detected that a large transaction committed.</b>
Explanation:	A large DB2 for Linux, UNIX, and Windows transaction was committed. A large transaction is one that meets the criteria in the LARGEOPS parameter of the UDB CAPI_CONNECTION statement.
User Response:	No response is required.
<b>PWX-20177</b>	<b>+ Authorization ID <i>authorization_id</i>, application name <i>application_name</i>, application ID <i>application_id</i></b>
Explanation:	This message provides the authorization ID, application name, and application ID that is associated with the DB2 for Linux, UNIX, and Windows transaction for which status or spill file information is reported. For PowerExchange to issue this message, you must have set the DB2_LOGGING_DETAIL registry variable to APPLINFO in DB2.
User Response:	No response is required.
<b>PWX-20178</b>	<b>+ Peak staging resources: operations <i>number_of_operations</i>, size kilobytes KB.</b>
Explanation:	This message reports the peak number of operations and number of kilobytes that were used in staging a transaction that was committed. The commit operation was reported in associated message PWX-20176.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20180</b>	<b>Monitor messages begin (<i>timestamp</i>).</b>
Explanation:	This message is the first message issued during a monitoring interval. It indicates the beginning of a set of transaction monitoring messages for an extraction from DB2 for Linux, UNIX, and Windows sources. You set the monitoring interval in the MONITORINT parameter of the UDB CAPI_CONNECTION statement.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20181</b>	<b>Interval return counts: no data <i>number</i>, commits <i>number</i>, inserts <i>number</i>, updates <i>number</i>, deletes <i>number</i>.</b>
Explanation:	This message is issued based on the MONITORINT parameter in the UDB CAPI_CONNECTION statement. It reports the number of no data results, commits, inserts, updates, and deletes that the consumer API (CAPI) returned for an extraction during the last monitoring interval.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20182</b>	<b>Interval log read counts: no data <i>number</i>, log records: skipped <i>number</i>, processed <i>number</i>, decompressed <i>number</i>.</b>
Explanation:	This message is issued based on the MONITORINT parameter in the UDB CAPI_CONNECTION statement. It reports DB2 for Linux, UNIX, and Windows log read statistics for the last monitoring interval, including the number of no data results and the number of logs skipped, processed, and decompressed.
System Action:	CDC processing continues.
User Response:	No response is required.

<b>PWX-20183</b>	<b>Interval resource maximums: memory cache <i>kilobytes</i> KB, spill files <i>number_of_files</i>.</b>
Explanation:	This message is issued based on the MONITORINT parameter in the UDB CAPI_CONNECTION statement. It reports the maximum amount of memory cache and number of spill files that were used during the last monitoring interval.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20184</b>	<b>No data returned since the start of this extraction.</b>
Explanation:	The consumer API (CAPI) has not returned data since the current extraction started because no transactions have written changes to sources of interest yet. This message is issued based on the MONITORINT parameter in the UDB CAPI_CONNECTION statement. It is issued in place of message PWX-20185.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20185</b>	<b>Last data returned: commit VTS <i>virtual_timestamp</i>, sequence <i>hexadecimal_sequence_number</i>.</b>
Explanation:	This message is issued based on the MONITORINT parameter in the UDB CAPI_CONNECTION statement. It reports the commit virtual timestamp and hexadecimal sequence number of the last data that the consumer API (CAPI) returned for the current extraction. The <i>virtual_timestamp</i> value is in the format YYYY-MM-DD-hh.mm.ss.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20186</b>	<b>No noteworthy transactions.</b>
Explanation:	No long outstanding or large transactions were active at the end of the last monitoring interval. Long outstanding transactions are those that are active for at least two monitoring intervals, as defined by the MONITORINT parameter in the UDB CAPI_CONNECTION statement. Large transactions are those that meet the criteria in the LARGEOPS parameter in the UDB CAPI_CONNECTION statement. This message is followed by message PWX-20788, which identifies the current virtual timestamp (VTS).
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20187</b>	<b>Transaction with <i>number_of_operations</i> operations started at <i>begin_virtual_timestamp</i>.</b>
Explanation:	During the monitoring interval, PowerExchange found a transaction that meets the criteria for being a long outstanding transaction or a large transaction. This message reports, for this transaction, the number of operations and the begin virtual timestamp (VTS) of the UOW. The timestamp has the format YYYY/MM/DD-hh:mm:ss. PowerExchange issues this message based on the MONITORINT parameter in the UDB CAPI_CONNECTION statement. This message is followed by message PWX-20174, which provides the transaction ID.
System Action:	CDC processing continues.
User Response:	No response is required.

**PWX-20188      *Current VTS virtual\_timestamp.***

Explanation: This message reports the current virtual timestamp (VTS) in the DB2 for Linux, UNIX, and Windows log records. The *virtual\_timestamp* is in the format YYYY-MM-DD-hh:mm:ss. This value indicates the current point in the change stream of extraction processing.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-20189      *Monitor messages end (timestamp).***

Explanation: This message is the last message issued during a monitoring interval. It indicates the end of a set of transaction monitoring messages for DB2 for Linux, UNIX, and Windows capture. You set the monitoring interval in the MONITORINT parameter of the UDB CAPI\_CONNECTION statement.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-20190      *Interval log read counts: log bytes: skipped bytes, processed bytes.***

Explanation: This message is issued based on the MONITORINT parameter in the UDB CAPI\_CONNECTION statement. It reports the number of DB2 for Linux, UNIX, and Windows log bytes that the capture process skipped and processed during the last monitoring interval.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-20196      *Extraction log read counts: log bytes: skipped bytes, processed bytes.***

Explanation: This message is issued when an extraction ends normally. It reports the number of DB2 for Linux, UNIX, and Windows log bytes that the capture process skipped and processed.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-20197      *Extraction return counts: no data number, commits number, inserts number, updates number, deletes number.***

Explanation: This message is issued when an extraction that uses an UDB CAPI\_CONNECTION statement ends normally. It reports the number of no data results, commits, inserts, updates, and deletes that the consumer API (CAPI) returned for the extraction.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-20198      *Extraction log read counts: no data number, log records: skipped number, processed number, decompressed number.***

Explanation: This message is issued when an extraction ends normally. It reports DB2 for Linux, UNIX, and Windows log read statistics for the extraction, including the number of no data results and the number of logs skipped, processed, and decompressed.

System Action: CDC processing continues.

User Response: No response is required.

<b>PWX-20199</b>	<b>Extraction resource maximums: memory cache <i>kilobytes</i> KB, spill files <i>number_of_files</i>.</b>
Explanation:	This message is issued at the end of an extraction. It reports the maximum amount of memory cache and number of spill files that were used during the extraction.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-20201</b>	<b>CAPDL: Unable to allocate storage for resource.</b>
Explanation:	UDB Log Reader ends.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20202</b>	<b>CAPDL Internal error, prog=<i>program_name</i>, line=<i>line_number</i>, desc=<i>description</i></b>
Explanation:	UDB Log Reader encountered an internal error in processing.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20203</b>	<b>DB2 API db2ReadLog error. DB=<i>database_ID</i> PART=<i>partition_number</i> sqlcode=<i>sql_code</i> APIrc=<i>return_code</i> function=<i>function</i> (<i>additional_information</i>)</b>
Explanation:	<p>The DB2 for Linux, UNIX, and Windows Log Reader received an SQL error from the DB2 API when reading change data from the DB2 logs.</p> <p>In the message text:</p> <ul style="list-style-type: none"> <li>• <i>database_ID</i> identifies the database for which the DB2 logs were being read.</li> <li>• <i>partition_number</i> identifies the DB2 partition for which the DB2 logs were being read.</li> <li>• <i>sql_code</i> is the SQL code that was returned for the error.</li> <li>• <i>return_code</i> is the DB2 API return code that was returned for the error.</li> <li>• <i>function</i> is the DB2 API function code or operation.</li> <li>• <i>additional_information</i> is related information, which might also be shown in PWX-20251.</li> </ul>
System Action:	DB2 change data capture processing stops.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20204</b>	<b>SQL_message</b>
Explanation:	UDB Message text relating to preceding PWX-20203 message.
User Response:	No response is required.
<b>PWX-20205</b>	<b>CAPDL: Error formatting sql error code; rc=SQL_message (SQL_message)</b>
Explanation:	Error received while trying to format the preceding SQL error code.
User Response:	No response is required.
<b>PWX-20207</b>	<b>CAPDL: GetRecord CAPDL_LSN does not ascend: current lsn=<i>lsn</i>, previous lsn=<i>lsn</i></b>
Explanation:	Error received while trying to format the preceding SQL error code.
User Response:	No response is required.

<b>PWX-20209</b>	<b>CAPDL: UDB Log Read Error: requested lsn=<i>lsn</i> ; returned lsn=<i>lsn</i> ; last read lsn=<i>lsn</i></b>
Explanation:	The UDB Log Read routine did not return the expected log record.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20210</b>	<b>CAPDL: UDB Log Read Error: LSNs do not ascend: last good lsn=<i>lsn</i> ; next lsn=<i>lsn</i></b>
Explanation:	The UDB Log Read routine did not return the expected log record.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20211</b>	<b>CAPDL: UDB DB database; PART <i>partition</i>; log record at lsn may contain unrecognized data <i>more_info</i></b>
Explanation:	The UDB Log Read routine read a record that did not conform to its knowledge of UDB log records. If the UDB log reader is requested to stop on this event, the log record is dumped and an error is returned. If the log reader is not requested to stop on this event, the log record is dumped and processing continues. The log reader can be directed to limit the number of records dumped.
System Action:	An error is returned if the reader is directed to do such.
User Response:	No response is required.
<b>PWX-20212</b>	<b><i>count</i> - unrecognized <i>suspect_reason</i></b>
Explanation:	This message describes why message PWX-20211 is issued. This message might appear multiple times after message PWX-20211.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20213</b>	<b><i>diagnostic_info</i></b>
Explanation:	There is an error with or suspicion about a UDB log record. This is diagnostic line might be one of several.
System Action:	An error might be returned to the calling software.
User Response:	No response is required.
<b>PWX-20214</b>	<b>CAPDL: UDB DB database; PART <i>partition</i>; max count(<i>max_count_value</i>) of records with possible unrecognized data reached</b>
Explanation:	The UDB log reader was directed to limit the number of records to report that do not conform to the log reader's understanding of log records and the limit was reached.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20215</b>	<b>CAPDL: Incorrect header level: expected <i>expected_level</i>; received <i>received_level</i></b>
Explanation:	There is an incompatibility between the UDB log reader and its caller.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.

<b>PWX-20216</b>	<b>CAPDL: Format value invalid for internal UDB record; RecType=0xrecord_type; FMT=0xformat_type</b>
Explanation:	While decoding a portion of UDB log record the log reader detected an improper value.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20217</b>	<b>CAPDL: UDB DB database; PART <i>partition</i>; log record at lsn is invalid; rc=return_code more_info</b>
Explanation:	The UDB log reader detected an error in log record. The rc value is the number of a message appearing with more detail of the error. A dump of the log record is generated locally.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20218</b>	<b>CAPDL: FMT1 row image does not match prepare data: prepare length 0xprepare_length; row length 0xrow_length; table <i>table</i></b>
Explanation:	The UDB log reader was requested to decode a row image for a table. The row image did not match information presented describing the row. The row image and row description information are dumped locally.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20219</b>	<b>CAPDL: FMT2 row image does not match prepare data: columns at prepare Prepare_column_count; columns in row log_record_column_count; table <i>table_name</i></b>
Explanation:	The UDB log reader was requested to decode a row image for a table. The row image did not match information presented describing the row. The row image and row description information are dumped locally.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20220</b>	<b>CAPDL: FMT2 row image internal length 0xinternal_length does not match external length 0xexternal_length; table <i>table_name</i></b>
Explanation:	The UDB log reader was requested to decode a row image for a table. The row image did not match information presented describing the row. The row image and row description information are dumped locally.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20221</b>	<b>CAPDL: UDB DB database; PART <i>partition</i>; log record at lsn handling unclear: reason</b>
Explanation:	The UDB log reader has read a record that the reader believes is critical for processing but does not know how to process.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.

<b>PWX-20223</b>	<b>CAPDL: Unexpected SYSTEM DEFAULT attribute found (attribute value <i>0xattribute_value</i>) for column <i>column_number</i> of table <i>table_name</i></b>
Explanation:	The UDB log reader was requested to decode a row image for a table. A column in the row contained the SYSTEM DEFAULT attribute, and this column type should not have this attribute.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20224</b>	<b>CAPDL: Unexpected attribute value <i>0xattribute_value</i> found in FMT<i>format_type</i> row data for column <i>column_number</i> of table <i>table_name</i></b>
Explanation:	The UDB log reader was requested to decode a row image for a table. A column in the row contained an attribute that was not expected.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20225</b>	<b>CAPDL: Row Image Dump: image is <i>image_information</i></b>
Explanation:	A row image is being dumped for some problem.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20226</b>	<b>CAPDL: Column <i>column_number</i> data outside row image: offset <i>0xoffset</i> length <i>0xlength</i> image length <i>0ximage_length</i>; Table <i>table_name</i></b>
Explanation:	The UDB log reader was requested to decode a row image for a table. While locating data for a column an inconsistency was detected.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20227</b>	<b>CAPDL: No (0) columns presented to CAPDL_PREPARE; Table <i>table_name</i></b>
Explanation:	The UDB log reader was presented table information for future row image decoding but there were no columns presented.
System Action:	The system returns an error to the calling software.
User Response:	No response is required.
<b>PWX-20228</b>	<b>CAPDL: Table: <i>table</i> Column: <i>column</i> is not nullable and has no default value</b>
Explanation:	CAPDL_Execute tried to produce a column value for column not physically present in the row image, however the column was not nullable and did not have a default value.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20229</b>	<b>CAPDL: Database must be configured with LOG RETAIN and/or USER EXITS ON.</b>
Explanation:	The UDB log reader uses the UDB db2ReadLog API that has this requirement.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.



<b>PWX-20230</b>	<b>CAPDL: API Usage Error: <i>error_description</i></b>
Explanation:	A usage error occurred using the CAPDL API.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20231</b>	<b>CAPDL: Inconsistent data returned by db2ReadLog</b>
Explanation:	The PowerExchange DB2 for Linux, UNIX, and Windows Log Reader received inconsistent data from the DB2 API db2ReadLog routine.
System Action:	The DB2 control blocks that were used to read the log buffer are dumped. DB2 change data capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20232</b>	<b>CAPDL: Unsupported DB release level <i>&lt;0xdb_release_level&gt;</i></b>
Explanation:	The internal DB release level is not recognized by UDB Capture. This value is not the DB2 version, but is associated with it.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20233</b>	<b>CAPDL: UDB DB <i>database_name</i>; PART <i>partition_number</i>; LSN <i>log_sequence_number</i>; rc=<i>PWX_return_code</i>; error processing log record</b>
Explanation:	The UDB log reader detected an error in log record. This message identifies the record in error.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20234</b>	<b>DB2 API db2ReadLog returned a buffer that failed validity checking. records=<i>number_of_records</i> bytes=<i>bytes</i></b>
Explanation:	The PowerExchange DB2 for Linux, UNIX, and Windows Log Reader received an error when validating the data in the buffer of log records returned by the DB2 API db2ReadLog routine. The Log Reader found unused records or bytes in the buffer. This message identifies the number of unused records and unused bytes.
System Action:	The DB2 control blocks that were used to read the log buffer are dumped for diagnostic use.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-20235</b>	<b>DB2 API db2ReadLog did not return records from the requested log location. Requested=<i>requested_log_position</i> Returned=<i>returned_log_position</i> DB=<i>database_name</i> partition=<i>partiton</i>.</b>
Explanation:	An internal error occurred during DB2 for Linux, UNIX, and Windows CDC. The DB2 db2ReadLog API did not return change records from the requested DB2 log location for the specified database and partition.
System Action:	PowerExchange returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support to report the error.

<b>PWX-20236</b>	<b>Inconsistencies detected with record(s) returned by decompressing log reader. DB=<i>database_name</i> partition=<i>partition</i></b>
Explanation:	An internal error occurred during DB2 for Linux, UNIX, and Windows CDC. The decompressed change records that the DB2 log reader returned to PowerExchange for the specified database and partition contained inconsistencies.
System Action:	PowerExchange returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support to report the error.
<b>PWX-20250</b>	<b>DB2 API db2ReadLog data area <i>data_area_name</i> dump from <i>location</i></b>
Explanation:	A dump of the DB2 control blocks or buffers that are used for reading the DB2 logs was taken from the specified location.
System Action:	DB2 log read processing continues.
User Response:	No response is required.
<b>PWX-20251</b>	<b><i>control_block_field_name control_block_field_value control_block_field_value_description</i></b>
Explanation:	This message describes a control block field that is included a dump of the DB2 control blocks that are used for reading DB2 logs. The message includes the field name and value and an optional description of either the field or value.
System Action:	DB2 log read processing continues.
User Response:	No response is required.
<b>PWX-20410</b>	<b>SNAPUPDT <i>action</i> partition <i>partition_number</i></b>
Explanation:	The SNAPUPDT command of the DTLUCUDB utility has discovered that a partition was added or deleted from the database. This message appears for each partition added or deleted.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20411</b>	<b>Capture catalog partition information matches database; no changes for capture catalog.</b>
Explanation:	SNAPUPDT found no difference between the capture catalog and the database;
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20412</b>	<b>Database catalog partition <i>partition_number</i> missing from Capture Catalog or Database</b>
Explanation:	While obtaining Capture Catalog partition information with database partition information, the partition that should contain the UDB Catalog could not be found.
System Action:	The program ends and reports the error.
User Response:	Contact Informatica Global Customer Support if the error persists.
<b>PWX-20413</b>	<b>Capture catalog update bypassed since REPLACE=Y not specified</b>
Explanation:	DTLUCUDB did not update the capture catalog.
System Action:	Processing ends.
User Response:	No response is required.

<b>PWX-20414</b>	<b>New partition: partition_number VTS: <i>virtual_time_stamp</i> is less than the Capture Catalog low VTS: <i>virtual_time_stamp</i></b>
Explanation:	While adding a positioning entry for a new partition, the new partition's VTS value is less than the Capture Catalog's current low VTS value. It is expected that any VTS value for a new partition should be older than the VTS of when the Capture Catalog is created.
System Action:	The program ends and reports the error.
User Response:	Contact Informatica Global Customer Support if the error persists.
<b>PWX-20500</b>	<b><i>command_input</i></b>
Explanation:	The current command input line.
User Response:	No response is required.
<b>PWX-20501</b>	<b>Invalid hex character (<i>character</i>) in <i>parameter</i></b>
Explanation:	The parameter specified contained an invalid hex character.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20502</b>	<b>Odd number of hex characters in <i>parameter</i></b>
Explanation:	The parameter specified contained an odd number of hex characters.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20503</b>	<b>No command specified</b>
Explanation:	No command was specified.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20504</b>	<b>Syntax for the UDB capture utility:</b>
Explanation:	First line of HELP output.
User Response:	No response is required.
<b>PWX-20505</b>	<b><i>help_information</i></b>
Explanation:	Line of HELP output.
User Response:	No response is required.
<b>PWX-20506</b>	<b>Command <i>command_name</i> complete</b>
Explanation:	The command's processing has completed without error.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20507</b>	<b>API call <i>function_name</i> returned error <i>error code</i>.</b>
Explanation:	The UDB capture encountered an unexpected error when making an API call.

System Action:	The program ends and reports the error.
User Response:	Contact Informatica Global Customer Support if the error persists.
<b>PWX-20508</b>	<b><i>parameter_name</i> parameter must be specified</b>
Explanation:	A required parameter was not specified.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20509</b>	<b><i>parameter_name</i> parameter requires <i>parameter_name</i> parameter</b>
Explanation:	One parameter requires the specification of a second parameter.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20510</b>	<b>Catalog activity detected at VTS <i>virtual_time_stamp/partition_number</i> LLSN <i>hex_logical_log_sequence</i> (please rerun)</b>
Explanation:	Catalog activity was detected at the LLSN indicated while a snapshot was being attempted.
System Action:	Processing ends.
User Response:	Prevent catalog activity and rerun.
<b>PWX-20511</b>	<b><i>database keywords</i></b>
Explanation:	This message is informational.
User Response:	No response is required.
<b>PWX-20512</b>	<b>Producing file '<i>file name</i>'</b>
Explanation:	The utility produced the file specified in response to the command.
User Response:	No response is required.
<b>PWX-20513</b>	<b><i>parameter_name</i> parameter conflicts with <i>parameter_name</i> parameter</b>
Explanation:	One parameter conflicts with the specification of a second parameter.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20514</b>	<b>Pseudolog call <i>call_name</i> failed</b>
Explanation:	The utility encountered an error when calling the function listed.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20515</b>	<b>Capture catalog contains rows and REPLACE=Y not specified.</b>
Explanation:	While processing the SNAPSHOT command the utility detected existing rows in the capture catalog table and the REPLACE=Y keyword was not specified. Replacing the contents of the capture catalog can cause log data to no longer be accessible.
System Action:	Processing ends.

User Response:	If replacing the contents of the capture catalog is what is desired, specify the REPLACE=Y keyword and rerun. Otherwise, correct error and rerun.
<b>PWX-20516</b>	<b>Note: Replacing the contents of a capture catalog can make log data inaccessible.</b>
Explanation:	This message displays supporting information for message PWX-20515.
User Response:	No response is required.
<b>PWX-20517</b>	<b>Output file <i>file name</i> exists and REPLACE=Y not specified.</b>
Explanation:	REPLACE=Y required to replace existing file.
User Response:	No response is required.
<b>PWX-20518</b>	<b>Invalid decimal character (<i>character</i>) in <i>parameter</i></b>
Explanation:	The parameter specified contained an invalid decimal character.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20519</b>	<b>End of UDB log file reached</b>
Explanation:	End of file (EOF) encountered
User Response:	No response is required.
<b>PWX-20522</b>	<b>UCUDB: Unable to allocate memory for <i>object_name</i>.</b>
Explanation:	Insufficient memory resources exist to perform the task.
System Action:	The task that encounters the error ends.
User Response:	Increase the memory resources available to the task. Contact Informatica Global Customer Support if the error persists.
<b>PWX-20523</b>	<b>Partition <i>partition_number</i> VTS <i>virtual_time_stamp_at_end_of_log</i> (<i>LSN_logical_sequence_number_at_end_of_log</i>) has not advanced to SNAPSHOT end VTS <i>ending_virtual_time_stamp</i></b>
Explanation:	After building a capture catalog, SNAPSHOT processing reads all logs to a common ending point. One partition's log has not advanced to the common ending point and this is odd.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-20524</b>	<b><i>terminator</i> value reached reading UDB log file</b>
Explanation:	DTLUCUDB log processing ends. Either the Ending Log Sequence Number (ELSN) or Ending Virtual Time Stamp (EVTS) was reached.
User Response:	No response is required.
<b>PWX-20525</b>	<b>UCUDB Internal error, prog=<i>program_name</i>, line=<i>line_number</i>, desc=<i>description</i></b>
Explanation:	DTLUCUDB UDB Utility encountered an internal error in processing.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-20526</b>	<b>Capture catalog contains no rows.</b>
Explanation:	While processing the ROLLUP command, the PWXUORAD utility detected no existing rows in the capture catalog table.
System Action:	Processing terminates.
User Response:	Check that the capture catalog specification is correct.
<b>PWX-20527</b>	<b><i>db_element: db_element_value</i></b>
Explanation:	An aspect of the UDB DB is listed.
User Response:	No response is required.
<b>PWX-20529</b>	<b><i>virtual_time_stamp value " in error: reason</i></b>
Explanation:	Instance partition information is listed.
User Response:	No response is required.
<b>PWX-20538</b>	<b>Error on file <i>file name</i>: <i>operation</i></b>
Explanation:	Instance partition information is listed.
User Response:	No response is required.
<b>PWX-20539</b>	<b><i>OS_description_of_file_error</i></b>
Explanation:	Description of error writing to file.
User Response:	No response is required.
<b>PWX-20540</b>	<b>Begin LSN <i>UDB_log_sequence_number</i> selected for BVTS value</b>
Explanation:	The utility is using the LSN specified in the message as the value to begin reading the UDB log.
User Response:	No response is required.
<b>PWX-20541</b>	<b><i>Type_of_UDB_log_sequence_information: UDB_log_sequence_information</i></b>
Explanation:	Informational Database log sequence information.
User Response:	No response is required.
<b>PWX-20544</b>	<b>Unable to find partition <i>partition_number</i> LSN positioning entry in capture catalog for VTSTIME <i>mts_time</i>; rc = <i>return_code</i></b>
Explanation:	For the input BVTS value, a starting LSN was not found in the capture catalog for the stated partition. The requested BVTS value must be within the scope of the capture catalog. Most likely the BVTS value is before the capture catalog was created.
System Action:	The command ends.
User Response:	Specify a BVTS value within the scope of the capture catalog.
<b>PWX-20545</b>	<b>Partition number <i>partition_number</i> not part of DB <i>database_name</i></b>
Explanation:	The specified partition is not part of the database.
System Action:	The command ends.
User Response:	Supply proper partition number.

<b>PWX-20548</b>	<b>Error(s) encountered producing LOGPRT output</b>
Explanation:	Error(s) have been detected while producing LOGPRT output.
System Action:	The command ends.
User Response:	Look for earlier error messages relating to LOGPRT output.
<b>PWX-20550</b>	<b><i>log_start_point</i> is not greater than <i>log_start_point</i></b>
Explanation:	End point (ELSN or EVTS) is not greater than specified (BLSN) or determined (from BVTS) start point.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20551</b>	<b>LOGPRT requires <i>command_parameter</i> or <i>command_parameter</i> to determine log read start point</b>
Explanation:	LOGPRT requires a start point in the log.
System Action:	Processing ends.
User Response:	Correct the error. Then, run the request again.
<b>PWX-20552</b>	<b>Using default <i>parameter_name=parameter_value</i></b>
Explanation:	The utility is using <i>parameter_value</i> as the value for the parameter <i>parameter_name</i> .
User Response:	No response is required.
<b>PWX-20555</b>	<b><i>type</i> default restart point: <i>time_value</i></b>
Explanation:	This message indicates the default restart point before (old) or after (new) DTLUCUDB utility command UPDTPDRP processing.
User Response:	No response is required.
<b>PWX-20558</b>	<b>VTS precedes capture catalog start, substituting capture catalog start.</b>
Explanation:	The input VTS value is before the start of the capture catalog. The VTS of the start of the capture catalog is being substituted.
User Response:	No response is required.
<b>PWX-20559</b>	<b>Partition <i>partition_number</i> LSN <i>log_sequence_number</i> optional <i>log_file</i></b>
Explanation:	The LSN (log sequence number) in a partition where to log reading begins for the input VTS.
User Response:	No response is required.
<b>PWX-20560</b>	<b>Input VTS <i>relationship_and_type</i> Capture Catalog VTS <i>capture_catalog_VTS_value</i></b>
Explanation:	The input VTS value is outside the bounds of the Capture Catalog. It is either below the low (or start) VTS or is it above the high VTS.
System Action:	Processing ends.
User Response:	Select a proper VTS and retry command.
<b>PWX-20563</b>	<b><i>capture_catalog_special_entry_name</i> <i>capture_catalog_special_entry_value</i></b>
Explanation:	A Capture Catalog special entry is listed.

User Response:	No response is required.
<b>PWX-20569</b>	<b>or specify one of the special VTSDT values 'EOC' or 'NOW'</b>
Explanation:	An invalid VTSDT value was entered. An error message indicating the format for an actual value precedes this message. This message includes the special values that might also be specified.
System Action:	The request fails.
User Response:	Correct input and rerun.
<b>PWX-20600</b>	<b>CAPDS: Unable to allocate memory for <i>object_name</i>.</b>
Explanation:	Insufficient memory resources exist to perform the task.
System Action:	The task that encounters the error ends.
User Response:	Increase the memory resources available to the task. Contact Informatica Global Customer Support if the error persists.
<b>PWX-20601</b>	<b>CAPDS: Unable to load module <i>module_name</i>, <i>error_information</i>.</b>
Explanation:	The UDB capture module could not load the UDB shared library.
System Action:	The program ends and reports the error.
User Response:	Verify that paths have been set up correctly. Contact Informatica Global Customer Support if the error persists.
<b>PWX-20602</b>	<b>CAPDS: Unable to resolve function <i>function_name</i> in module <i>module_name</i>, <i>error_information</i>.</b>
Explanation:	The UDB capture module could not load the UDB shared library.
System Action:	The program ends and reports the error.
User Response:	Verify that paths have been set up correctly. Contact Informatica Global Customer Support if the error persists.
<b>PWX-20603</b>	<b>CAPDS: SQL API <i>function_name</i> returned error <i>error code (error_code_desc)</i>, <i>error_information</i>.</b>
Explanation:	The UDB capture encountered an unexpected error when making a SQL API call.
System Action:	The program ends and reports the error.
User Response:	Contact Informatica Global Customer Support if the error persists.
<b>PWX-20604</b>	<b>State=<i>SQL_state</i>, Code=<i>SQL_code</i>, Msg=<i>SQL_message</i></b>
Explanation:	Information related to an SQL failure.
System Action:	Depends on specific message issued.
User Response:	Based on specific message issued.
<b>PWX-20605</b>	<b>CAPDS Internal error, prog=<i>program_name</i>, line=<i>line_number</i>, desc=<i>description</i></b>
Explanation:	UDB SQL processor encountered an internal error in processing.
System Action:	The system returns an error to the calling software.
User Response:	Contact Informatica Global Customer Support.



<b>PWX-20606</b>	<b>Capture catalog verification error, expected <i>number_of_columns</i> columns, found <i>number_of_columns</i> (table <i>table_name</i>)</b>
Explanation:	UDB SQL processor failed to verify the schema of the capture catalog table.
System Action:	The system returns an error to the calling software.
User Response:	Supply a capture catalog table name that has the correct schema.
<b>PWX-20607</b>	<b>Capture catalog verification error, column <i>column_name</i> unknown (table <i>table_name</i>)</b>
Explanation:	UDB SQL processor failed to verify the schema of the capture catalog table.
System Action:	The system returns an error to the calling software.
User Response:	Supply a capture catalog table name that has the correct schema.
<b>PWX-20608</b>	<b>Capture catalog verification error, column <i>column_name</i> wrong format (table <i>table_name</i>)</b>
Explanation:	UDB SQL processor failed to verify the schema of the capture catalog table.
System Action:	The system returns an error to the calling software.
User Response:	Supply a capture catalog table name that has the correct schema.
<b>PWX-20609</b>	<b>Capture catalog verification error, column <i>column_name</i> not found (table <i>table_name</i>)</b>
Explanation:	UDB SQL processor failed to verify the schema of the capture catalog table.
System Action:	The system returns an error to the calling software.
User Response:	Supply a capture catalog table name that has the correct schema.
<b>PWX-20610</b>	<b>CAPDS: UDB API <i>function_name</i> error <i>apirc=error code</i></b>
Explanation:	The UDB capture encountered an unexpected error when making a UDB API call.
System Action:	The program ends and reports the error.
User Response:	Contact Informatica Global Customer Support if the error persists.
<b>PWX-20611</b>	<b>State=<i>SQL_state</i>, Code=<i>SQL_code</i>, Msg=<i>SQL_message</i></b>
Explanation:	Information related to an SQL based API failure.
System Action:	Depends on specific message issued.
User Response:	Based on specific message issued.
<b>PWX-20612</b>	<b>CAPDS: At PARTITION statement <i>partition_statement_number</i>: PARTITION_NUMBERS do not ascend; dbconfig file = <i>dump_file</i></b>
Explanation:	During CAPDS initialization using DUMPDIAG data, a PARTITION statement was read that did not have an increasing PARTITION_NUMBER. Source identifies where the catalog partition number and partition definitions came from.
System Action:	The task that encounters the error ends.
User Response:	Correct dbconfig.txt input.

<b>PWX-20613</b>	<b>CAPDS: Catalog partition (<i>partition_number</i>) is not a defined partition. Source: <i>source</i></b>
Explanation:	During CAPDS initialization, the catalog partition number did not match any of the defined partitions. Source identifies where the catalog partition number and partition definitions came from.
System Action:	The task that encounters the error ends.
User Response:	Correct input.
<b>PWX-20614</b>	<b>CAPDS: DB2 environment variable not set: <i>environment_variable_setting</i></b>
Explanation:	During CAPDS initialization, the DB2 environment variable was not found to be properly set. This setting is required.
System Action:	The task that encounters the error ends.
User Response:	Correct input.
<b>PWX-20615</b>	<b>CAPDS: For Windows, CAPDS was unable to make the environment variable setting: <i>environment_variable_setting</i></b>
Explanation:	During CAPDS initialization, the DB2 environment variable was not found to be properly set. On Windows, CAPDS tried to set the environment variable, but was unsuccessful.
System Action:	The task that encounters the error ends.
User Response:	Set the environment variable externally.
<b>PWX-20616</b>	<b>CAPDS: UDB Fix Pack level <i>found_fix_pack_level</i> is below the minimum of <i>minimum_fixpac_level</i></b>
Explanation:	During CAPDS initialization, the UDB Fix Pack level was insufficient.
System Action:	The task that encounters the error ends.
User Response:	Install the correct UDB Fix Pack.
<b>PWX-20617</b>	<b>CAPDS: UDB Version <i>found_version_level</i> not supported</b>
Explanation:	During CAPDS initialization, the UDB Version was found to be improper.
System Action:	The task that encounters the error ends.
User Response:	Use supported UDB Version.
<b>PWX-20618</b>	<b>CAPDS: Unrecognized SQL_DBMS_VER format: <i>SQL_DBMS_VER_value</i></b>
Explanation:	During CAPDS initialization, SQL_DBMS_VER could not be parsed.
System Action:	The task that encounters the error ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-20619</b>	<b>CAPDS: Specified DB <i>db_name</i> is remote</b>
Explanation:	The specified database is marked remote in the UDB database directory.
System Action:	The task continues.
User Response:	No response is required.

<b>PWX-20620</b>	<b>CAPDS: Specified DB <i>db_name</i> not found in UDB database directory</b>
Explanation:	During CAPDS initialization, a database was specified that was not found in the UDB database directory.
System Action:	The task that encounters the error ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-20621</b>	<b>CAPDS: Warning: UID <i>user_ID</i> does not have SYSADM or DBADM authority</b>
Explanation:	During CAPDS initialization, the specified user ID was found not to have the proper authority. Further processing likely fails.
System Action:	The task that encounters the error ends.
User Response:	Use a user ID with proper authority.
<b>PWX-20622</b>	<b>CAPDS: Warning: Check that archive logging is enabled for DB2 database <i>database_name</i>.</b>
Explanation:	During CAPS initialization, PowerExchange detected that the specified DB2 for Linux, UNIX, and Windows database might not have archive logging enabled. To capture change data from archived logs, PowerExchange requires archive logging to be enabled for the database that contains the source tables.
System Action:	Processing continues.
User Response:	Verify that the database is configured for archive logging. If archive logging is not enabled, set the DB2 database configuration parameter LOGARCHMETH1 or LOGARCHMETH2 or both to a value other than OFF.
<b>PWX-20623</b>	<b>CAPDS: Codepage conversion error for <i>nature_of_data</i> data. (tgtlen=expected_max_length_of_data, newlen=new_length_of_data)</b>
Explanation:	Error during data translation.
System Action:	The task that encounters the error ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-20624</b>	<b>CAPDS: No codepage info found for <i>code_page_name</i></b>
Explanation:	No code page info could be found in PowerExchange for the code page.
System Action:	The task that encounters the error ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-20625</b>	<b>CAPDS: No codepage translator found for <i>source_code_page_name</i> (<i>source_PWX_internal_code_page_number</i>) to <i>target_code_page_name</i> (<i>target_PWX_internal_code_page_number</i>)</b>
Explanation:	No codepage translator could be found in PowerExchange for the two code pages.
System Action:	The task that encounters the error ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-20626</b>	<b>CAPDS: Copying <i>nature_of_data_being_converted</i> data, target area size is insufficient: srcLEN=source_data_length tgtlen=target_area_length</b>
Explanation:	Target area size found to be insufficient when copying data in codepages conversion routine.

System Action: The task that encounters the error ends.

User Response: Please contact Informatica Global Customer Support for technical support.

**PWX-20627 CAPDS: PWX codepage *code\_page\_name* (DB2 code page=*code\_page\_number*) has unexpected properties: min\_char\_size=*minimum\_character\_size* max\_char\_size=*maximum\_character\_size* is ascii: "Yes\_or\_No"**

Explanation: Codepage has unexpected properties.

System Action: Processing continues.

User Response: Contact Informatica Global Customer Support with details.

**PWX-20628 CAPDS: DB *database\_name* platform is *endianness* endian, local platform is *endianness* endian.**

Explanation: The endianness of the database platform and the endianness of the local platform do not match. These platforms must have the same endianness.

System Action: Processing ends.

User Response: Run on a local platform that has the same endianness as the database platform.

**PWX-20629 Error -1651 indicates db server not capable of API function, server may not be DB2 LUW**

Explanation: The UDB capture encountered an unexpected error when making a UDB API call.

System Action: The program ends and reports the error.

User Response: Contact Informatica Global Customer Support if the error persists.

**PWX-20699 PseudoLog error: *error\_description***

Explanation: Information related to a PseudoLog failure.

System Action: Depends on specific message issued.

User Response: Based on specific message issued.

**PWX-20700 CAPDD: Unable to allocate memory for *object\_name*.**

Explanation: Insufficient memory resources exist to perform the task.

System Action: The task that encounters the error ends.

User Response: Increase the memory resources available to the task. Contact Informatica Global Customer Support if the error persists.

**PWX-20701 API call *function\_name* returned *return\_code***

Explanation: The DB2 for Linux, UNIX, and Windows CAPI module encountered an unexpected return code from the call indicated.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-20702 CAPDD Internal error, prog=*program\_name*, line=*line\_number*, desc=*description***

Explanation: A UDB capture module encountered an internal error in processing.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-20703 CAPDD OP error LLSN=*LLSN\_hex\_value* SEQ=*SEQ\_value***

Explanation: A UDB capture module encountered an error in processing data from the capture catalog. The LLSN and SEQ of the row are reported in this message. The specific error should be detailed in other messages.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-20704 CAPDD OP parameters conflict *parameter\_name* and *parameter\_name***

Explanation: A UDB capture module encountered an error in processing data from the capture catalog.

System Action: The system returns an error to the calling software.

User Response: Contact Informatica Global Customer Support.

**PWX-20800 CAPDM: Unable to allocate memory for *object\_name*.**

Explanation: Insufficient memory resources exist to perform the task.

System Action: The task that encounters the error ends.

User Response: Increase the memory resources available to the task. Contact Informatica Global Customer Support if the error persists.

**PWX-20900 AM UTL command (*command\_text*) has failed with RC=*return\_code***

Explanation: The command processed by the UTL access method has failed.

System Action: Processing ends.

User Response: Review command text for errors. See other messages.

**PWX-20901 AM UTL command starting: *command\_text***

Explanation: The command processed by the UTL access method has started.

User Response: No response is required.

**PWX-20902 AM UTL command complete: *command\_text***

Explanation: The UTL access method command has completed successfully.

User Response: No response is required.

**PWX-20904 Allocation: DDN: *DD\_name* DSN: *file\_name***

Explanation: File allocation message.

User Response: No response is required.

## PWX-21000 to PWX-21999

### **PWX-21000      No help can be given on empty string**

Explanation:      User has requested help for an empty string.

System Action:      The task ends.

User Response:      Correct the input and retry.

### **PWX-21001      Function not recognized. No help can be given.**

Explanation:      The function is not recognized.

System Action:      The task ends.

User Response:      Verify function name, correct and retry.

### **PWX-21002      Empty Expression**

Explanation:      User has not entered an expression.

System Action:      The task ends.

User Response:      Enter required expression and retry.

### **PWX-21003      Invalid Negative Field Type *field\_type***

Explanation:      For the requested field type, the value cannot be negative.

System Action:      The task ends.

User Response:      Correct the input and retry.

### **PWX-21004      Leading space character not allowed in expression**

Explanation:      The expression cannot begin with a space.

System Action:      The task ends.

User Response:      Correct the input and retry.

### **PWX-21005      Unknown Field Type *field\_type***

Explanation:      The field type specified is invalid.

System Action:      The task ends.

User Response:      Enter correct field type and retry.

### **PWX-21006      Assignment to itself not allowed**

Explanation:      The expression name being used as a function parameter is the same as the expression itself.

System Action:      The task ends.

User Response:      Correct the function parameters and retry.

### **PWX-21007      Field Assignment assumed**

Explanation:      Field assignment assumed.

User Response:      No response is required.

<b>PWX-21008</b>	<b>Field <i>field_name</i> not found</b>
Explanation:	The field specified is not recognized.
System Action:	The task ends.
User Response:	Verify the field name against the field list, correct and retry.
<b>PWX-21009</b>	<b>Field Assignment ok</b>
Explanation:	The field assignment is okay.
User Response:	No response is required.
<b>PWX-21010</b>	<b>This declaration field type <i>field_type</i> differs from function result field type <i>field_type</i></b>
Explanation:	The function result type is incompatible with the expression declaration.
System Action:	The task ends.
User Response:	Either correct the declaration field type, or the function result type and retry.
<b>PWX-21011</b>	<b>Function <i>function_name</i> Result missing Field Type Argument pre-allocated.</b>
Explanation:	A problem was encountered with an internal consistency check on the result set argument.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21012</b>	<b>Function <i>function_name</i> Result missing pNullThisTime Argument pre-allocated.</b>
Explanation:	A problem was encountered with an internal consistency check on the result set argument.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21013</b>	<b>Function <i>function_name</i> Result missing pDataLength Argument pre-allocated.</b>
Explanation:	A problem was encountered with an internal consistency check on the result set argument.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21014</b>	<b>Function <i>function_name</i> Result missing ppData Argument pre-allocated.</b>
Explanation:	A problem was encountered with an internal consistency check on the result set argument.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21015</b>	<b>Function <i>function_name</i> Result missing BufferLength Argument pre-allocated.</b>
Explanation:	A problem was encountered with an internal consistency check on the result set argument.
System Action:	The task ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-21016      Function *function\_name* Result missing Minimum BufferLength Actual\_Length Actual Minimum\_Length Argument pre-allocated.**

Explanation: A problem was encountered with an internal consistency check on the result set argument.

System Action: The task ends.

User Response: Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.

**PWX-21017      Text literal can only be used on declaration**

Explanation: Inappropriate usage of a text literal.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21018      Text literal not allowed on Field type *field\_type***

Explanation: A text literal cannot be used for the specified target field type.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21019      Text literal length *length* exceeds field length *length***

Explanation: The length of the text literal exceeds the target field length.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21020      Text literal expression OK**

Explanation: The text literal expression is okay.

User Response: No response is required.

**PWX-21021      Numeric literal can only be used on declaration**

Explanation: Inappropriate usage of a numeric literal.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21022      Numeric literal expression OK**

Explanation: The numeric literal expression is okay.

User Response: No response is required.

**PWX-21023      Left bracket not found**

Explanation: Mismatch in number of left and right brackets.

System Action: The task ends.

User Response: Analyze the specified function and parameters, correct the input and retry.



<b>PWX-21024</b>	<b>Function name exceeds maximum size <i>Size</i></b>
Explanation:	Function name is too long.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21025</b>	<b>Function not recognized <i>function</i></b>
Explanation:	Function name is not recognized.
System Action:	The task ends.
User Response:	Correct function name specification and retry.
<b>PWX-21026</b>	<b>Function call last character not a closing parenthesis <i>character</i></b>
Explanation:	The last character of the function call is not a closing parenthesis.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21027</b>	<b>Function received <i>Number</i> arguments but requires at most maximum</b>
Explanation:	Too few arguments were passed to the function.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21028</b>	<b>Function received <i>Number</i> arguments but requires at least <i>Minimum</i></b>
Explanation:	Mismatch in number of left and right brackets.
System Action:	The task ends.
User Response:	Analyze the specified function and parameters, correct the input and retry.
<b>PWX-21029</b>	<b>Previous declaration field type <i>field_type</i> differs from function result field type <i>field_type</i></b>
Explanation:	The function result type is incompatible with the previous expression declaration.
System Action:	The task ends.
User Response:	Either correct the declaration field type, or the function result type and retry.
<b>PWX-21030</b>	<b>FunctionCall Expression OK</b>
Explanation:	The function call expression is okay.
User Response:	No response is required.
<b>PWX-21031</b>	<b>Invalid NULL argument</b>
Explanation:	Specification of a non-null argument is required.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21032</b>	<b>Invalid NULL final argument</b>
Explanation:	Specification of a non-null final argument is required.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21033 End of argument unexpected character *character***

Explanation: The character identified in the message is invalid.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21034 Argument *argument* not found**

Explanation: One of the arguments specified cannot be found.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21035 Field *field* cannot be an argument on the same line as its declaration**

Explanation: The field identified in the message is on the same line as its own declaration.

System Action: The task ends.

User Response: Do not use the declaration field name as an argument on the same line.

**PWX-21036 Memory error**

Explanation: Shortage of memory.

System Action: The task ends.

User Response: Possible internal error - contact Informatica Global Customer Support for technical support.

**PWX-21037 Last character of text literal not a closing quote *character***

Explanation: A text literal must end with a closing quote.

System Action: The task ends.

User Response: Correct the input and retry.

**PWX-21038 Invalid *Literal* Text Literal. 1 quote character**

Explanation: Invalid specification of a text literal.

System Action: The task ends.

User Response: Verify specification of text literals, correct the input and retry.

**PWX-21039 Text literal expression OK**

Explanation: The text literal expression is okay.

User Response: No response is required.

**PWX-21040 *Literal* numeric literal has more than 1 decimal**

Explanation: Numeric literal has more than one period (.)

System Action: The task ends.

User Response: Correct the input and retry.

<b>PWX-21041</b>	<b><i>Literal numeric literal has non numeric data Digit</i></b>
Explanation:	The specified literal has non-numeric characters.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21042</b>	<b><i>Literal numeric literal has a single minus sign and no digits</i></b>
Explanation:	A minus sign was used in the wrong position.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21043</b>	<b><i>Literal numeric literal not allowed on Field type <i>field_type</i>field_type</i></b>
Explanation:	The field type does not support a numeric literal.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21044</b>	<b><i>Literal numeric literal has a decimal point but scale =0</i></b>
Explanation:	The expression has a zero scale, therefore cannot have a decimal point in a numeric literal.
System Action:	The task ends.
User Response:	Either specify a scale or remove decimal point and retry.
<b>PWX-21045</b>	<b><i>Literal numeric literal has Non numeric data after conversion #2</i></b>
Explanation:	After conversion the numeric literal contains at least one non-numeric character.
System Action:	The task ends.
User Response:	Verify the specification of the numeric literal, correct the input and retry.
<b>PWX-21046</b>	<b><i>Literal numeric <i>field_name</i> literal has number less than minimum <i>Minimum</i></i></b>
Explanation:	The field specified has a value too low for its type.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21047</b>	<b><i>Literal numeric <i>field_name</i> literal has number greater than maximum <i>maximum</i></i></b>
Explanation:	The field specified has a value too high for its type.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21048</b>	<b><i>Result <i>name</i> not found (by Find routine)</i></b>
Explanation:	The field name specified cannot be located.
System Action:	The task ends.
User Response:	Correct the input and retry.

<b>PWX-21050</b>	<b>IDMS Owner Set name missing, <i>expression</i></b>
Explanation:	Function requires the specification of an IDMS Owner Set name.
System Action:	The task ends.
User Response:	Specify an IDMS Owner Set name and retry.
<b>PWX-21051</b>	<b>No help available on argument <i>argument</i> Maximum arguments <i>maximum</i> used by <i>function</i></b>
Explanation:	No help is available for the argument specified.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21052</b>	<b>No help available on argument <i>argument</i> Not yet defined in help</b>
Explanation:	No help is available for the argument specified.
System Action:	The task ends.
User Response:	Correct the input and retry.
<b>PWX-21053</b>	<b>Logic Error <i>function</i> - Invalid function number on entry, contact Informatica Global Customer Support</b>
Explanation:	Probable internal error.
System Action:	The task ends.
User Response:	Please contact Informatica Global Customer Support for technical support having noted the error message details.
<b>PWX-21054</b>	<b>Invalid function number on entry</b>
Explanation:	Probable internal error.
System Action:	The task ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-21055</b>	<b>Logic Error <i>function</i> - Fast function table invalid, contact Informatica Global Customer Support</b>
Explanation:	Probable internal error.
System Action:	The task ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-21056</b>	<b>Fast function table invalid</b>
Explanation:	Probable internal error.
System Action:	The task ends.
User Response:	Please contact Informatica Global Customer Support for technical support.
<b>PWX-21057</b>	<b>Expression <i>function</i> not valid for this access method</b>
Explanation:	The function specified is not valid for the access method.
System Action:	The task ends.

User Response:	Correct the function used and retry.
<b>PWX-21058</b>	<b>Specified data type <i>Result_Field_Type</i> invalid for function</b>
Explanation:	The data type specified is not compatible with the function.
System Action:	The task ends.
User Response:	Either correct the function or the data type being used and retry.
<b>PWX-21059</b>	<b>Invalid binary length specified for <i>function</i>, should be length</b>
Explanation:	The function specified requires a binary length compatible, as shown.
System Action:	The task ends.
User Response:	Either correct the function or the length being used and retry.
<b>PWX-21060</b>	<b>which is in bad value list</b>
Explanation:	The function has returned a value that is in bad value list.
System Action:	The task ends.
User Response:	Correct the function or parameter specification and retry.
<b>PWX-21061</b>	<b>which is not in good values list</b>
Explanation:	The function has returned a value that is not in good values list.
System Action:	The task ends.
User Response:	Correct the function or parameter specification and retry.
<b>PWX-21062</b>	<b>Function <i>function</i> Result missing Field Type Argument not pre-allocated.</b>
Explanation:	A problem was encountered with an internal consistency check on the result set argument.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21063</b>	<b>Function <i>function</i> Result missing Field Type Argument pre-allocated.</b>
Explanation:	A problem was encountered with an internal consistency check on the result set argument.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21064</b>	<b>CRX map needs to be refreshed. Sequence buffer (length) required (length)</b>
Explanation:	A problem was encountered with an internal buffer length.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21065</b>	<b>RestartLength (length) BufferLength (length)</b>
Explanation:	An internal problem occurred with the Data capture restart address.

System Action: The task ends.

User Response: Contact Informatica Global Customer Support with details.

**PWX-21066 Unexpected field type**

Explanation: Probable internal error.

System Action: The task ends.

User Response: Contact Informatica Global Customer Support with details.

**PWX-21067 Field type unknown by GEN\_GetFldTabFromId**

Explanation: Probable internal error.

System Action: The task ends.

User Response: Contact Informatica Global Customer Support with details.

**PWX-21068 Unknown Comparison Type=type**

Explanation: Probable internal error.

System Action: The task ends.

User Response: Contact Informatica Global Customer Support with details.

**PWX-21069 Function "Copydata". Error on initializing foreign trim character. Buffer size="size".**

Explanation: Error with foreign trim character when using "Trim" function.

System Action: The task ends.

User Response: Examine trim character specification, correct and retry.

**PWX-21070 Function "Copydata". Error on initializing foreign pad character. Buffer size="size".**

Explanation: Error with pad character when using "Trim" function.

System Action: The task ends.

User Response: Examine pad character specification, correct and retry.

**PWX-21071 Linkage *linkage\_type* received *number* argument(s). Required less than *number*.**

Explanation: The number of arguments passed to the CALLPROG routine is invalid. CALLPROG requires at least one and no more than 20 arguments passed to the external subroutine.

System Action: The task ends.

User Response: Locate the problem E Field by using message PWX-02603. Correct the E Field using the PowerExchange Navigator, save the data map, send it to the remote node and rerun the task.

**PWX-21072 Linkage *linkage\_type* received *number* argument(s). Required at least 1.**

Explanation: The number of arguments passed to the CALLPROG routine is invalid. CALLPROG requires at least one and no more than 20 arguments passed to the external subroutine.

System Action: The task ends.

User Response: Locate the problem E Field by using message PWX-02603. Correct the E Field using the PowerExchange Navigator, save the data map, send it to the remote node and rerun the task.

<b>PWX-21073</b>	<b>Linkage <i>linkage_type</i> received <i>number</i> argument(s). Required less than <i>number</i>.</b>
Explanation:	The number of arguments passed to the CALLPROG routine is invalid. CALLPROG requires at least one and no more than 20 arguments passed to the external subroutine.
System Action:	The task ends.
User Response:	Locate the problem E Field by using message PWX-02603. Correct the E Field using the PowerExchange Navigator, save the data map, send it to the remote node and rerun the task.
<b>PWX-21074</b>	<b>Linkage <i>linkage_type</i> received <i>number</i> argument(s). Required at least 1.</b>
Explanation:	The number of arguments passed to the CALLPROG routine is invalid. CALLPROG requires at least one and no more than 20 arguments passed to the external subroutine.
System Action:	The task ends.
User Response:	Locate the problem E Field by using message PWX-02603. Correct the E Field using the PowerExchange Navigator, save the data map, send it to the remote node and rerun the task.
<b>PWX-21080</b>	<b>Supported values = L (left), R (Right), B (Both), space (Both).</b>
Explanation:	The message shows available values for the attribute Associated messages include 21082 that shows problem attribute and PWX-02603 that identifies the problem E Field.
System Action:	The task ends.
User Response:	See message PWX-21082.
<b>PWX-21081</b>	<b>Function <i>function</i> Unexpected RC=<i>return_code</i> from Conversion function.</b>
Explanation:	While processing the function, an unexpected return code was received from the subroutine.
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support, specifying the function being performed at the time of the error.
<b>PWX-21082</b>	<b>Function <i>function</i> does not support direction argument 2 value of <i>value</i>.</b>
Explanation:	The specified function does not support a particular attribute value. For example, function CALLPROG does not support more than 20 arguments. Function CALLPROG only supports particular linkage types depending on which operating system it is being run on. Associated messages include 21080 that shows available values for the attribute, and PWX-02603 that identifies the problem E Field.
System Action:	The task ends.
User Response:	Locate the problem E Field by using message PWX-02603. Correct the E Field using the PowerExchange Navigator, save the data map, send it to the remote node and rerun the task.
<b>PWX-21083</b>	<b>Function <i>function</i>. Error translating foreign encoded CHAR/VARCHAR field before conversion.</b>
Explanation:	A User-defined field is involved in a conversion between a numeric field and a CHAR or VARCHAR field on a file where the code page is foreign to the platform, and a problem occurred during the code page translation process.
System Action:	The task ends.
User Response:	Verify that the data is actually in the code page specified in the map properties.

**PWX-21084      Function *function*. Error translating foreign encoded CHAR/VARCHAR field after conversion.**

Explanation: A User-defined field is involved in a conversion between a numeric field and a CHAR or VARCHAR field on a file where the code page is foreign to the platform, and a problem occurred during the code page translation process.

System Action: The task ends.

User Response: Verify that the data is actually in the code page specified in the map properties.

**PWX-21085      Function *function* does not support Arguments passed to external subroutine of *value*.**

Explanation: The specified function does not support a particular attribute value. For example, function CALLPROG does not support more than 20 arguments. Function CALLPROG only supports particular linkage types depending on which operating system it is being run on. Associated messages include PWX-21086 which shows available values for the attribute, and PWX-02603 which identifies the problem E Field.

System Action: The task ends.

User Response: Locate the problem E Field by using message PWX-02603. Correct the E Field using the PowerExchange Navigator, save the data map, send it to the remote node and rerun the task.

**PWX-21086      Supported Max Arguments passed to external subroutine = *Number*.**

Explanation: The message shows maximum values for the attribute Associated messages include 21085 which shows problem attribute and PWX-02603 which identifies the problem E Field.

System Action: The task ends.

User Response: See message PWX-21085.

**PWX-21087      Supported Linkage types on this platform = *platform*.**

Explanation: The message shows available values for the attribute Associated messages include PWX-21088 that shows problem attribute and PWX-02603 that identifies the problem E Field.

System Action: The task ends.

User Response: See message PWX-21088.

**PWX-21088      Function *function* does not support Linkage type of *value*.**

Explanation: The specified function does not support a particular attribute value. For example, function CALLPROG does not support more than 20 arguments. Function CALLPROG only supports particular linkage types depending on which operating system it is being run on. Associated messages include PWX-21087 that shows available values for the attribute, and PWX-02603 that identifies the problem E Field.

System Action: The task ends.

User Response: Locate the problem E Field by using message PWX-02603. Correct the E Field using the PowerExchange Navigator, save the data map, send it to the remote node and rerun the task.

**PWX-21089      Argument *argument* not found in record *record\_name***

Explanation: The argument name was not located in the record.

System Action: The task ends.

User Response: Verify argument name, correct the input and retry.



<b>PWX-21090</b>	<b>Argument <i>argument</i> not found in table <i>table_name</i></b>
Explanation:	The argument name was not located in the table.
System Action:	The task ends.
User Response:	Verify argument name, correct the input and retry.
<b>PWX-21091</b>	<b>Argument <i>argument</i> not found in runtime table</b>
Explanation:	The argument name was not located in the runtime table.
System Action:	The task ends.
User Response:	Verify argument name, correct the input and retry.
<b>PWX-21092</b>	<b>Argument <i>argument</i> not found context type <i>context_type</i></b>
Explanation:	The argument name was not located.
System Action:	The task ends.
User Response:	Verify argument name, correct the input and retry.
<b>PWX-21093</b>	<b>Single-quote not allowed in a function argument unless enclosed in single-quotes.</b>
Explanation:	A single-quote is only allowed in literals for which the first and last characters are also single-quotes. Single-quote characters in the middle of a literal must be escaped by prefixing with an additional single-quote. For example, COPYDATA('Peter's dog',F1).
System Action:	The task ends.
User Response:	Correct the argument and retry.
<b>PWX-21094</b>	<b>Incorrect usage of single quote characters in a text literal.</b>
Explanation:	Text literals must be enclosed by a single-quote character in the first and last positions. If a single-quote character is needed within the literal, it must be escaped by prefixing with an additional single-quote. For example, COPYDATA('Peter's dog',F1). The system has detected a single-quote character that should terminate the literal and then has met unexpected characters following it.
System Action:	The task ends.
User Response:	Correct the argument and retry.
<b>PWX-21095</b>	<b>Function <i>function_name</i> argument <i>number</i> has value <i>value</i>, which is not among the supported values <i>supported_values</i>.</b>
Explanation:	The argument does not match any of the supported values.
System Action:	The task terminates.
User Response:	Correct the argument and try the task again.
<b>PWX-21096</b>	<b>Function <i>function_name</i> argument 2 has value REPLACE, but the replacement value Efield in argument 3 is missing.</b>
Explanation:	The replacement value for a user-defined field argument is missing.
System Action:	The task terminates.
User Response:	Correct the function by adding argument 3 to specify a user-defined field that contains the replacement value. Then try the task again.

<b>PWX-21097</b>	<b>Function <i>function_name</i> replacement value type <i>replacement_type</i> does not match the source field type <i>source_type</i>.</b>
Explanation:	The datatype associated with the replacement value for the user-defined field does not match the datatype of the source field.
System Action:	The task terminates.
User Response:	Correct the function by specifying the correct type for the replacement user-defined field. Then retry the task.
<b>PWX-21098</b>	<b>Table <i>table_name</i> record <i>record_count</i> failed CHECKNUMDATA() validation. Data value Hex <i>hex_bytes</i>.</b>
Explanation:	Data failed validity checks when the CHECKNUMDATA() function was processing a user-defined field.
System Action:	If the function specifies the error action <b>Terminate</b> , then the task terminates and error messages are returned to the calling program. If the function specifies the error action <b>Skip</b> , then the errors are skipped and processing continues.
User Response:	Correct the data and try the task again.
<b>PWX-21099</b>	<b>Function <i>function_name</i> cannot copy from field <i>field_name</i> type <i>source_type</i> to type <i>target_type</i>.</b>
Explanation:	<p>A function in an expression associated with a user-defined field tried to copy data to an unsupported datatype. The copy operation failed because the specified source datatype is not compatible with the specified target datatype. PowerExchange has limitations on datatype mappings to prevent different results between writing data using PWXCCL or FTP or when writing data locally on a z/OS or IBM i system. The following limitations apply when copying data from one datatype to another datatype:</p> <ul style="list-style-type: none"> <li>• Functions CONCAT(), LTRIM(), RTRIM(), STRIP() cannot copy between numeric and character datatypes.</li> <li>• Function SPLIT() can copy between numeric and character types, but cannot copy between a numeric datatype and a datatype that does not use code pages.</li> <li>• Function CHECKNUMDATA() can set non-numeric fields to null.</li> <li>• Function COPYDATA() can copy data between numeric and other types.</li> </ul>
System Action:	Expression validation for the user-defined field fails.
User Response:	For more information about user-defined fields, see the <i>PowerExchange Reference Manual</i> and the <i>PowerExchange Navigator Guide</i> . Use a different technique to redefine the problem data. Consider using intermediate user-defined fields with names prefixed by <b>filler</b> . These intermediate fields are not included in the table columns.
<b>PWX-21400</b>	<b>CAPXRT close of incomplete run (no Extract end time)</b>
Explanation:	The CAPXRT extraction did not reach a normal close. See the associated messages.
User Response:	See the associated messages.
<b>PWX-21401</b>	<b>Incomplete CAPXRT run. Current buffer last flushed at <i>time</i></b>
Explanation:	The last data push was at the stated time.
User Response:	See the associated messages.

<b>PWX-21402</b>	<b>Current buffer : Total commits since flush = <i>number of commits</i></b>
Explanation:	The message shows the number of commits since the last flush.
User Response:	See the associated messages.
<b>PWX-21403</b>	<b>Current buffer : Total reads since flush = <i>number_of_reads</i></b>
Explanation:	The message shows the number of reads since the last flush.
User Response:	See the associated messages.
<b>PWX-21404</b>	<b>Current buffer: Last RC = <i>last_return_code</i>, Previous RC = <i>previous_return_code</i></b>
Explanation:	The message shows the last return code and the one before.
User Response:	See the associated messages.
<b>PWX-21405</b>	<b>Incomplete CAPXRT run. Previous buffer last flushed at <i>time</i></b>
Explanation:	In the previous buffer, the last data push was at the stated time.
User Response:	See the associated messages.
<b>PWX-21406</b>	<b>Previous buffer : Total commits since flush = <i>number of commits</i></b>
Explanation:	In the previous buffer, the number of commits since the last flush.
User Response:	See the associated messages.
<b>PWX-21407</b>	<b>Previous buffer : Total reads since flush = <i>number_of_reads</i></b>
Explanation:	In the previous buffer, the number of reads since the last flush.
User Response:	See the associated messages.
<b>PWX-21408</b>	<b>Previous buffer: Last RC = <i>last_return_code</i>, Previous RC = <i>previous_return_code</i></b>
Explanation:	In the previous buffer, the last return code and the one before.
User Response:	See the associated messages.
<b>PWX-21500</b>	<b>Datacom access error on Open. rc=<i>return_code</i>. cd=<i>CA_DATACOM/DB_Return_Codes</i> irc=<i>internal_return_code</i>.</b>
Explanation:	PowerExchange encountered an error when opening a Datacom database. You can find the CA-Datacom/DB return codes and internal return code values in the Datacom manuals, such as the <i>CA-DATACOM/DB Message Guide</i> .
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-21501</b>	<b>Datacom access error on Initial Point. rc=<i>return_code</i>. cd=<i>CA_DATACOM/DB_Return_Codes</i> irc=<i>internal_return_code</i>.</b>
Explanation:	PowerExchange encountered an error when performing the initial Point on a Datacom database. You can find the CA-Datacom/DB return codes and internal return code values in the Datacom manuals, such as the <i>CA-DATACOM/DB Message Guide</i> .
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-21502</b>	<b>Datacom access error on Point. rc="return_code". cd="CA_DATACOM/DB_Return_Codes" irc="internal_return_code".</b>
Explanation:	PowerExchange encountered an error when performing a point on a Datacom database. You can find the CA-Datacom/DB return codes and internal return code values in the Datacom manuals, such as the <i>CA-DATACOM/DB Message Guide</i> .
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-21503</b>	<b>Datacom access error on Optimized Read. rc="return_code". cd="CA_DATACOM/DB_Return_Codes" irc="internal_return_code".</b>
Explanation:	PowerExchange encountered an error when performing an optimized read of a Datacom database. You can find the CA-Datacom/DB return codes and internal return code values in the Datacom manuals, such as the <i>CA-DATACOM/DB Message Guide</i> .
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-21504</b>	<b>Datacom access error on Sequential Read. rc="return_code". cd="CA_DATACOM/DB_Return_Codes" irc="internal_return_code".</b>
Explanation:	PowerExchange encountered an error when performing a sequential read on a Datacom database. You can find the CA-Datacom/DB return codes and internal return code values in the Datacom manuals, such as the <i>CA-DATACOM/DB Message Guide</i> .
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-21505</b>	<b>Datacom access error on Write. rc="return_code". cd="CA_DATACOM/DB_Return_Codes" irc="internal_return_code".</b>
Explanation:	PowerExchange encountered an error when performing a write on a Datacom database. You can find the CA-Datacom/DB return codes and internal return code values in the Datacom manuals, such as the <i>CA-DATACOM/DB Message Guide</i> .
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-21506</b>	<b>Datacom access error on Close. rc="return_code". cd="CA-DATACOM/DB_Return_Codes" irc="internal_return_code".</b>
Explanation:	PowerExchange encountered an error when performing a close on a Datacom database. You can find the CA-Datacom/DB return codes and internal return code values in the Datacom manuals, such as the <i>CA-DATACOM/DB Message Guide</i> .
System Action:	The task ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-21600</b>	<b>Connection of name <i>connname</i> not found in configuration.</b>
Explanation:	An error occurred when attempting to retrieve a connection of the given name from the CAPI CONNECTIONS in the configuration.
System Action:	The task ends with associated messages.

User Response:	Investigate where the problem name was sourced, it might be an internal reference in the configuration or might be in the request. Find the inconsistency correct and retry.
<b>PWX-21601</b>	<b>Connection of name <i>connname</i> not first attribute <i>connattr</i> expected CAPINAME.</b>
Explanation:	An error occurred when attempting to identify an internal connection related to the given connection name.
System Action:	The task ends.
User Response:	Investigate the configuration the connection identified should have a CAPINAME reference to another connection. If this looks correct contact Informatica Global Customer Support with the configuration.
<b>PWX-21602</b>	<b>Connection for <i>connname</i> not found in configuration. <i>reason</i>.</b>
Explanation:	This gives the reason a lookup was invoked.
System Action:	The task ends with associated messages.
User Response:	Use this message to guide you back to where the lookup value came from.
<b>PWX-21603</b>	<b>Connection of type <i>in_type</i>&lt;<i>capture_type</i>&gt; not found in configuration.</b>
Explanation:	An error occurred when attempting to retrieve a connection of the type from the CAPI CONNECTIONS in the configuration.
System Action:	The task ends with associated messages.
User Response:	Investigate where the problem type was sourced, it might be an internal reference in the configuration or might be in the request. Note that the transformation of in type to capture type is given to assist diagnosis. Find the inconsistency, correct and retry.
<b>PWX-21604</b>	<b>Connection of internal name <i>CAPINAME</i> not found in configuration.</b>
Explanation:	An error occurred when attempting to retrieve a connection of the given internal name from the CAPI CONNECTIONS in the configuration.
System Action:	The task ends with associated messages.
User Response:	Investigate where the problem name was sourced, it is an internal reference in the configuration. Find the inconsistency, correct and retry.
<b>PWX-21605</b>	<b>Connection selected <i>Conn_name</i> found from covr&lt;<i>Conn_Override</i>&gt; tag&lt;<i>registration_tag</i>&gt; type&lt;<i>Type_used</i>&gt; int&lt;<i>Internal_Request</i>&gt; method&lt;<i>Method_used</i>&gt;.</b>
Explanation:	<p>This is an This message provides an audit trail.</p> <p>Connection selected is the result.</p> <p>Any of the following parameters might be omitted.</p> <ul style="list-style-type: none"> <li>• covr is the CONN_OVR parameter on the request.</li> <li>• tag is a registration being extracted.</li> <li>• type is the type of registration.</li> <li>• int is TRUE if the internal connection was requested.</li> <li>• method used shows the resource type that gave the connection.</li> </ul>
System Action:	Processing continues.
User Response:	An audit trail needs no action, but might be useful to help understand product behavior.

<b>PWX-21606</b>	<b>Unable to determine capture type for the Oracle connection. Config parameter ORACLE_CAPTURE_TYPE must be set.</b>
Explanation:	PowerExchange cannot determine the change capture method to use for an Oracle connection of the specified type because the ORACLE_CAPTURE_TYPE statement is not defined. The ORACLE_CAPTURE_TYPE is required when you run the PowerExchange Logger remotely or when you offload column-level processing to another system. In these situations, you must add the ORACLE_CAPTURE_TYPE to the dbmover configuration file on the system that is remote from the PowerExchange Listener host where the CAPI_CONNECTION is defined.
System Action:	PowerExchange CDC processing ends.
User Response:	In the dbmover configuration on the system that is remote from the PowerExchange Listener host, enter the ORACLE_CAPTURE_TYPE statement with one of the following values: <ul style="list-style-type: none"> <li>• D. For PowerExchange Express CDC for Oracle.</li> <li>• L. For PowerExchange Oracle CDC with LogMiner.</li> </ul>
<b>PWX-21711</b>	<b>Parameter <i>parameter_name</i> is not valid with PROG=<i>program_name</i></b>
Explanation:	The parameter specified is not valid with the selected program.
System Action:	Processing ends.
User Response:	Correct the invalid parameter and rerun DTLREXE.
<b>PWX-21720</b>	<b>Error creating poolid <i>pool_name</i>, rc = <i>return_code</i></b>
Explanation:	An attempt to create a unique memory pool name failed.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-21721</b>	<b>Error allocating memory for <i>area_name</i>, rc = <i>return_code</i></b>
Explanation:	An attempt to allocate memory for the specified area failed.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-21722</b>	<b>Invalid DBCB for access method DBAM_EXEC</b>
Explanation:	An attempt was made to open a dbcb for access method DBAM_EXEC without first opening a connection.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-21723</b>	<b>Invalid DBCB for access method DBAM_EXEC</b>
Explanation:	An attempt was made to open a connection for access method DBAM_EXEC with an invalid dbcb.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.

<b>PWX-21725</b>	<b>Invalid value for <i>value</i>, reason <i>description</i></b>
Explanation:	An attempt was made to read the results from DBAM_EXEC with an invalid array size.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-21800</b>	<b>Fault tolerance logging file <i>file_name</i> open error</b>
Explanation:	An attempt to open the specified file failed. The purpose of this was to log errors for reporting back issues tolerated by the process.
System Action:	Processing ends.
User Response:	Review the associated messages to establish a cause.
<b>PWX-21801</b>	<b>Fault tolerance logging file <i>file_name</i> write error</b>
Explanation:	An attempt to write to the specified file failed. The purpose of this was to log errors for reporting back issues tolerated by the process.
System Action:	Processing ends.
User Response:	Review the associated messages to establish a cause.
<b>PWX-21802</b>	<b>Fault tolerance logging file invalid prefix <i>&lt;prefix&gt;</i></b>
Explanation:	The reject file prefix supplied results in the creation of a reject file name with an invalid length.
System Action:	Processing ends.
User Response:	Correct the reject file prefix.

## PWX-23000 to PWX-23999

<b>PWX-23010</b>	<b>CAPX Capture: Unexpected token found by Connect process.</b>
Explanation:	This is an internal error.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-23011</b>	<b>CAPX Capture: Unable to allocate memory for <i>&lt;object&gt;</i>.</b>
Explanation:	PowerExchange could not allocate memory for the specified object.
System Action:	Processing ends.
User Response:	Increase the amount of memory available to the process, then restart the process. Message PWX-00904 provides details about the amount of memory that was requested.

<b>PWX-23012</b>	<b>CAPX Capture: WARNING: Unrecognized attribute: <i>value</i> keyword: <i>value</i> passed to CAPX Capture interface.</b>
Explanation:	An unknown keyword was found in the CAPI_CONNECTION (TYPE=CAPX) statement in the DBMOVER configuration file.
System Action:	CAPX Capture ignores the keyword and continues.
User Response:	To get rid of the warning, edit the DBMOVER configuration file and remove the offending keyword.
<b>PWX-23013</b>	<b>CAPX Capture: Invalid extended connection value <i>&lt;value&gt;</i> for attribute <i>&lt;attribute&gt;</i>.</b>
Explanation:	An unknown value was passed for a connection override of a CAPX or CAPX-type CAPXRT capture.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-23014</b>	<b>CAPX Capture: WARNING: Unrecognized override: value <i>&lt;Override_name:Override_value&gt;</i> passed to CAPX Capture interface.</b>
Explanation:	CAPX Capture received an unknown override parameter from its caller.
System Action:	CAPX Capture processing continues.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-23015</b>	<b>CAPX Capture: Missing condense instance.</b>
Explanation:	CAPX Capture requires a condenser instance value to determine what set of condense files to capture from. The instance value was not provided.
System Action:	Processing ends.
User Response:	Specify the condense instance value from which you wish to capture in the appropriate location in the PowerCenter session. Optionally, you can provide the instance value in the DFLTINST keyword of the CAPI_CONNECTION TYPE=CAPX statement in the DBMOVER configuration file.
<b>PWX-23016</b>	<b>CAPX Capture: Missing condense image type (BA or AI).</b>
Explanation:	CAPX Capture requires the output image format you desire. The value was not provided.
System Action:	Processing ends.
User Response:	Specify the output image format in the appropriate location in the PowerCenter session.
<b>PWX-23017</b>	<b>CAPX Capture: Missing condense file type (Full or Partial).</b>
Explanation:	CAPX Capture requires the condense file type. The value was not provided.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-23018</b>	<b>CAPX Capture: Internal error: <i>function_name</i> could not find a platform token.</b>
Explanation:	Storage common to the PowerExchange CAPX Capture modules was lost.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.



<b>PWX-23019</b>	<b>CAPX Capture: Internal error: <i>function_name</i> found an invalid eyecatcher &lt;data_value_byte_1data_value_byte_2data_value_byte_3data_value_byte_4&gt; in the platform token.</b>
Explanation:	Storage common to the PowerExchange CAPX Capture modules was lost or corrupted.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-23020</b>	<b>CAPX Capture: Platform token Version mismatch in <i>function_name</i>. Received: <i>Version.release.modification_level.patch_level</i>. Expected: <i>Version.release.modification_level.patch_level</i>.</b>
Explanation:	A version level mismatch was discovered in PowerExchange CAPX Capture.
System Action:	Processing ends.
User Response:	This is most likely caused by incorrect settings in the environment variables. Ensure that the path and shared library path variables are set to point to the same PowerExchange binaries. A secondary cause of this message could be an incomplete or failed installation of the PowerExchange software.
<b>PWX-23021</b>	<b>CAPX Capture: Unable to initialize Windows network processing. Rc =<i>WSAStartup_return_code</i>.</b>
Explanation:	Windows network initialization failed.
System Action:	Processing ends.
User Response:	This is most likely caused by a missing winsock dll, a bad PATH environment variable, or system instability. Fix the problem and retry.
<b>PWX-23022</b>	<b>CAPX Capture: You must run a condense for instance <i>condense_instance_name</i> before generating a default restart point.</b>
Explanation:	CAPX Capture cannot generate a default restart point to begin processing until a condense process is run for the specified condense instance.
System Action:	Processing ends.
User Response:	This is most likely caused by attempting to run the PowerExchange DTLUAPPL program to create an initial restart point. CAPX CAPI cannot create this restart point unless condense files exist for the condense instance from which you are attempting to capture. Run a condense process for the instance and retry.
<b>PWX-23023</b>	<b>CAPX Capture: Unable to open/read/closeCDCT/condense file <i>file name</i>. return_code1/return_code2/return_code3 = &lt;PWX_return_code/platform_dependent_return_code/platform_dependent_reason_code&gt;.</b>
Explanation:	CAPX Capture cannot open the specified file.
System Action:	Processing ends.
User Response:	Use any prior error messages and the platform-dependent return/reason codes to determine what the problem might be. Fix the problem and retry.

<b>PWX-23024</b>	<b>CAPX Capture: Internal CDCT condense option discrepancy for condense file <i>condense_file_name</i>.</b>
Explanation:	CAPX Capture found CDCT entries for the specified file that contain different condense options.
System Action:	Processing ends.
User Response:	Two PWX-23025 error messages follow this message, detailing the error. Collect the information and contact Informatica Global Customer Support.
<b>PWX-23025</b>	<b>CAPX Capture: <i>current/new</i> CDCT entry registration tag: <i>registration_tag_name</i> Condense option: {F(ull) P(artial)}.</b>
Explanation:	This message describes the condense option found for a CDCT entry described in a prior message.
User Response:	Complete the actions described in any message that was emitted immediately prior to this message.
<b>PWX-23026</b>	<b>CAPX Capture: Internal CDCT image type discrepancy for condense file <i>condense_file_name</i>.</b>
Explanation:	CAPX Capture found CDCT entries for the specified file that contain different image types.
System Action:	Processing ends.
User Response:	Two PWX-23027 error messages follow this message, detailing the error. Collect the information and contact Informatica Global Customer Support.
<b>PWX-23027</b>	<b>CAPX Capture: <i>current/new</i> CDCT entry registration tag: &lt;<i>registration_tag_name</i>&gt; Image type: &lt;AI/BA/TU/unknown:<i>internal_numeric_image_type_value</i>&gt;</b>
Explanation:	This message describes the image type found for a CDCT entry described in a prior message.
User Response:	Perform the actions described in any message that was emitted immediately prior to this message.
<b>PWX-23028</b>	<b>CAPX Capture: Sequence info discrepancy found in CDCT for condense file <i>condense_file_name</i>.</b>
Explanation:	The sequence info format in the condense file list does not match that passed to CAPX Capture.
System Action:	Processing ends.
User Response:	Ensure that the correct token files were used to start the capture session, and that you have not overlaid the PowerExchange CDCT file.
<b>PWX-23029</b>	<b>CAPX Capture: Condense file <i>file name</i> does not match required file prefix &lt;<i>condense_file_prefix</i>&gt;.</b>
Explanation:	The condense file's prefix does not match that of others in the condense file list.
System Action:	Processing ends.
User Response:	This situation occurs when you attempt to capture from a group source session and the sources from which you are capturing are not part of the same condense instance, or, in the case of flexible condense, the sources are not part of the same condense group.

<b>PWX-23030</b>	<b>CAPX Capture: Condense file <i>file name</i> condense type &lt;F/P&gt; does not match requested type &lt;F/P&gt;.</b>
Explanation:	The condense file's condense type (full or partial) does not match the condense type requested for this extraction.
System Action:	Processing ends.
User Response:	This situation occurs when you attempt to capture a source that was condensed with full condense processing and you are requesting that partial condense files be read for that source, or the source was condensed with partial condense processing and you are requesting that full condense files be read for that source. Make sure that you are requesting data from the correct capture instance.
<b>PWX-23031</b>	<b>CAPX Capture: Condense file <i>condense_file_name</i> image type &lt;AI/BA/TU/unknown&gt;:&lt;internal_numeric_image_type_value&gt; does not match requested type &lt;AI/BA/TU/unknown&gt;:&lt;internal_numeric_image_type_value&gt;.</b>
Explanation:	The image types in the condense file do not match the image type requested for this extraction.
System Action:	Processing ends.
User Response:	This action happens if you attempt to capture a source that was condensed with after images only, but are requesting a BA- or TU-type extraction. Make sure that you are requesting data from the correct capture instance.
<b>PWX-23032</b>	<b>CAPX Capture: End sequence of condense file <i>condense_file_name</i> is greater than begin sequence of file <i>condense_file_name</i>.</b>
Explanation:	The latest sequence number of the first condense file is greater than the earliest sequence number of the next file in the list of files to be processed.
System Action:	Processing ends.
User Response:	This situation occurs when you attempt to extract changes from multiple sources in different flexible condense groups. In a given extraction, you can only capture changes from a single condense instance or, in the case of flexible condense, from the same condense group. If you receive this message while you are attempting to move sources between condense groups, it is most likely because you did not correctly follow the necessary procedures. See the product documentation for information on the procedures necessary to successfully move sources between condense groups.
<b>PWX-23033</b>	<b>CAPX Capture: Condense file <i>condense_file_name</i> name has an unexpected format: &lt;detailed_description_of_error&gt;.</b>
Explanation:	The condense file name is not of the expected format.
System Action:	Processing ends.
User Response:	This is most likely an internal error. Contact Informatica Global Customer Support.
<b>PWX-23034</b>	<b>CAPX Capture: Source info for PowerExchange tag &lt;registration_tag_name&gt; not passed to CAPX Capture.</b>
Explanation:	The CAPX Capture caller failed to send any information to CAPX Capture for the specified capture registration.
System Action:	Processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.

<b>PWX-23035</b>	<b>CAPX Capture: Unable to find source restart info for PowerExchange tag &lt;registration_tag_name&gt;.</b>
Explanation:	The CAPX Capture caller failed to send restart information to CAPX Capture for the specified capture registration.
System Action:	Processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-23036</b>	<b>CAPX Capture: Condense file <i>condense_file_name</i> begins a new condense group for PowerExchange tag &lt;registration_tag_name&gt;.</b>
Explanation:	The CAPX Capture session detected that a source was moved to a new condense group while the session was processing changes from a different condense group.
System Action:	The process ends normally when all condense files for the current condense group have been processed.
User Response:	This is normal behavior. CAPX Capture cannot process changes from multiple condense groups in the same run. If you are moving sources between condense groups, see the product documentation for instructions. If you have only changed the file name prefix for an existing condense group, simply restart the session.
<b>PWX-23037</b>	<b>CAPX Capture: No source filtering was requested, but a source filter list was passed.</b>
Explanation:	The CAPX Capture session detected that specific sources were requested along with a request to return data for all sources.
System Action:	Processing ends.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-23038</b>	<b>CAPX Capture: Select timeout error <i>return_code</i>: &lt;error_explanation&gt;</b>
Explanation:	The CAPX Capture session issued a timed wait that failed.
System Action:	This is a warning message only. Processing continues.
User Response:	If this message is accompanied by other errors, then contact Informatica Global Customer Support.
<b>PWX-23039</b>	<b>CAPX Capture: Unexpected record type "<i>internal_record_type_code</i>" sent to publishing algorithm.</b>
Explanation:	The CAPX Capture session attempted to process a record that was not a begin-uow, data, or end-uow record.
System Action:	Processing fails.
User Response:	This is an internal error. Contact Informatica Global Customer Support.
<b>PWX-23040</b>	<b>CAPX Capture: Restart token has invalid default sequence information.</b>
Explanation:	CAPX Capture encountered an invalid restart token. A subsequent message prints out the token that was encountered.
System Action:	Processing fails.

User Response:	<p>Verify the following:</p> <ol style="list-style-type: none"> <li>1. Ensure that the PWX application name was not changed between runs of your PowerCenter session or PWX application.</li> <li>2. If this is a new PowerCenter session or PWX application, make sure that you are not using a preexisting PWX application name.</li> <li>3. Verify that the CAPI_CONNECTION keywords in your PWX DBMOVER configuration file are set up correctly.</li> <li>4. Ensure that the correct PowerCenter token files are being used.</li> <li>5. For PWX applications, ensure that the correct directories are being specified for the dbmover.cfg CAPT_XTRA and CAPT_PATH keywords.</li> </ol>
<b>PWX-23041</b>	<b>CAPX Capture: Restart token has sequence information that is too short.</b>
Explanation:	CAPX Capture encountered an invalid restart token. A subsequent message prints out the token that was encountered.
System Action:	Processing fails.
User Response:	See the user response for message PWX-23040.
<b>PWX-23042</b>	<b>CAPX Capture: Restart token has invalid sequence information.</b>
Explanation:	CAPX Capture encountered an invalid restart token. A subsequent message prints out the token that was encountered.
System Action:	Processing fails.
User Response:	See the user response for message PWX-23040.
<b>PWX-23043</b>	<b>CAPX Capture: Restart token contains invalid instance name "instance_name_from_restart_token", expects instance "instance_name_from_session_parms".</b>
Explanation:	CAPX Capture encountered an invalid restart token. A subsequent message prints out the token that was encountered.
System Action:	Processing fails.
User Response:	See the user response for message PWX-23040.
<b>PWX-23044</b>	<b>CAPX Capture: Restart token:</b>
Explanation:	An internal request was made to CAPX Capture to print out a restart token. A subsequent message prints out the token that was encountered.
System Action:	The system action depends on the reason the message was issued.
User Response:	This message might be issued either as an informational message, or to provide data in case of a previously-encountered error. If the session ends in error, scan the output for other error messages, and respond as is appropriate for those other messages.
<b>PWX-23045</b>	<b>CAPX Capture: Socket allocation error &lt;return_code&gt;: &lt;error_explanation&gt;</b>
Explanation:	The CAPX Capture session could not allocate a communications socket.
System Action:	Processing ends.
User Response:	Using the system error description supplied by this message, determine and correct the cause of the error, and retry the process.

<b>PWX-23046</b>	<b>CAPX Capture: Sequence info in recreated file <i>condense_file_name</i> record &lt;record_number&gt; greater than expected.</b>
Explanation:	CAPX Capture detected a non-warm condense restart. The last record that CAPX Capture processed was not recaptured by the condense process.
System Action:	CAPX capture processing ends.
User Response:	This can happen when Condense is cold-started while a CAPX capture session is still active. Cold-starting Condense usually means you must rematerialize the targets. To keep the targets safe, CAPX Capture ends if it encounters this problem. If required, rematerialize the targets and restart the CAPX Capture session. If you do not need to rematerialize, simply restart the CAPX Capture session.
<b>PWX-23047</b>	<b>CAPX Capture: Possible CDCT mismatch for file <i>condense_file_name</i>.</b>
Explanation:	CAPX Capture could not open a condense file that was cataloged in the CDCT.
System Action:	CAPX capture processing ends.
User Response:	This is most likely a mismatch between the CDCT and the directory containing the condense files. This can happen if you manually delete condense files outside of the control of the condense process. Verify that the file specified in the error message actually exists. If the file exists, see the prior message that describes the file open error and fix the problem. If the file does not exist, try restarting the Condense process. If, after the Condense process is fully restarted, the problem still exists, consider attempting to restore the file, the CDCT, and/or the CCT. If the problem still exists, contact Informatica Global Customer Support.
<b>PWX-23048</b>	<b>CAPX Capture: Cannot determine correct current condense file.</b>
Explanation:	CAPX Capture could not determine the correct current condense file because none of the sources being processed by the current session have entries in the CDCT.
System Action:	The CAPX Extraction process waits for a Condense file switch before it starts to extract changes.
User Response:	This can happen either during Condense cold start or after CDCT maintenance ages off all CDCT entries pertaining to the sources being processed by the current PWX or PWC session. This is a normal condition. The CAPX Extraction process waits for a Condense file switch, and then proceed to extract data.
<b>PWX-23049</b>	<b>CAPX Capture: Cannot determine correct current condense file. Sources belong to different groups: <i>file_prefix_for_group1</i> - <i>file_prefix_for_group2</i></b>
Explanation:	CAPX Capture could not determine the correct current condense file because the sources being processed by the current session contain CDCT entries that point to different Condense sessions or different Flexible Condense groups.
System Action:	The CAPX Extraction process waits for a Condense file switch before it determines whether this is an error.
User Response:	This situation occurs when sources are moved between Condense groups. If this is the case, the CAPX Extraction process begins extracting changes at the next Condense file switch. If sources have not been moved, an error message is issued at the next Condense file switch indicating that sources are not in the same flexible condense group. If this occurs, follow the instructions contained in the appropriate PowerExchange CDC guide to recover from the error.

<b>PWX-23050</b>	<b>CAPX Capture: Fsync for file &lt;file_name&gt; failed. Return code = &lt;system_return_code&gt;: &lt;reason_for_failure&gt;</b>
Explanation:	CAPX capture failed to synchronize records to the specified file.
System Action:	The extraction process fails.
User Response:	Fix the problem described in the message and restart the extraction process. This problem usually indicates an I/O error.
<b>PWX-23051</b>	<b>CAPX Capture: Logger cold start detected. Shutting down extract.</b>
Explanation:	The CAPX CDC session detected that the PowerExchange Logger for Linux, UNIX, and Windows was cold started. Data integrity might not be preserved across the cold start boundary.
System Action:	The CDC session ends abnormally.
User Response:	Cold start the CDC session.
<b>PWX-23052</b>	<b>CAPX Capture: A group change was detected. At least one source in the interest list is no longer valid.</b>
Explanation:	The CAPX CDC session detected that the source interest list for the PowerExchange Logger for Linux, UNIX, and Windows is no longer in a single group in the PowerExchange Logger group definitions file.
System Action:	The CDC session ends abnormally.
User Response:	Correct the source interest list.
<b>PWX-23053</b>	<b>CAPX Capture: Premature end of file encountered for file &lt;file_name&gt;.</b>
Explanation:	The CAPX CDC session detected the end of the specified PowerExchange Logger for Linux, UNIX, and Windows log file but did not find a trailer record.
System Action:	The CDC session ends abnormally.
User Response:	The PowerExchange Logger file is corrupt. You might need to cold start the PowerExchange Logger.
<b>PWX-23054</b>	<b>CAPX Capture: The logger image type is no longer compatible with the reader image type.</b>
Explanation:	During a CDC session, the log reader detected that the image type that is specified in the PowerExchange Logger for Linux, UNIX, and Windows CAPT_IMAGE parameter is not compatible with the image type that is specified in the <b>Image Type</b> connection attribute for the session. This error occurs if the PowerExchange Logger configuration is changed at some point after the reader restart point.
System Action:	The log reader issues an end-of-file (EOF) message and the CDC session shuts down.
User Response:	Change the <b>Image Type</b> connection attribute to be compatible with the PowerExchange Logger CAPT_IMAGE setting and then warm start the CDC session, if appropriate.

<b>PWX-23055</b>	<b>CAPX Capture: Unable to generate decryption key for encrypted file &lt;file_name&gt;.</b>
Explanation:	Encryption of PowerExchange Logger for Linux, UNIX, and Windows log files is enabled. However, the CDC session was unable to generate a decryption key for the specified encrypted log file. This error might occur if you specified an encryption password when cold starting the PowerExchange Logger and later tried to restore the CDCT file with an incorrect encryption password. The encryption password in the RESTORE_CDCT command must match the one entered for the Logger cold start.
System Action:	The CDC session ends abnormally.
User Response:	Run the RESTORE_CDCT command again with the correct encryption password. Then run a CAPX database row test in the PowerExchange Navigator to verify that the encryption password was properly restored. If you did not previously try to restore the CDCT file, an internal error might have occurred. In this case, contact Informatica Global Customer Support.
<b>PWX-23056</b>	<b>CAPX Capture: Invalid restart token for time-based restart.</b>
Explanation:	<p>The time-based restart token that is specified in the restart token file for the CDC session is not in the required format of YYYYMMDDhhmmssuuuuuu, where:</p> <ul style="list-style-type: none"> <li>• YYYY is year.</li> <li>• MM is month.</li> <li>• DD is day of month.</li> <li>• hh is hours.</li> <li>• mm is minutes.</li> <li>• ss is seconds.</li> <li>• uuuuuu is microseconds.</li> </ul>
System Action:	The CDC session prints the hexadecimal value of the invalid restart token and then terminates.
User Response:	Correct the format of the time-based restart token.
<b>PWX-23057</b>	<b>CAPX Capture: Time-based restart criteria cannot be specified with other types of restart criteria.</b>
Explanation:	You cannot use both time-based restart criteria and restart criteria that is not time-based for a CDC session that extracts change data from PowerExchange Logger for Linux, UNIX, and Windows log files.
System Action:	The CDC session terminates.
User Response:	Correct the restart tokens.
<b>PWX-23100</b>	<b>CAPX Capture: Cannot mix old and new format restart tokens in restart transition mode.</b>
Explanation:	When you transition to using the PowerExchange Logger for Linux, UNIX, and Windows, the format of the restart tokens for change data extraction changes. PowerExchange does not tolerate having a mix of restart tokens with different formats.
System Action:	PowerExchange Logger extraction processing ends.
User Response:	Ensure that the format of the restart tokens for extraction processing are consistent across all data sources.



<b>PWX-23101</b>	<b>Restart converted to CAPICAPX format for Regn tag [<i>registration_tag</i>]: New Restart Token 1 [<i>hexadecimal</i>] New Restart Token 2 [<i>hexadecimal</i>]</b>
Explanation:	This message indicates that restart tokens for the specified capture registration tag name have been converted to the format that the PowerExchange Logger for Linux, UNIX, and Windows requires.
System Action:	The PowerExchange Logger begins using the restart tokens of the new format.
User Response:	No response is required. This message is for audit purposes.
<b>PWX-23150</b>	<b>IMS status code "FW" returned by IMS. An "FR" status code might be imminent</b>
Explanation:	All buffers that were allocated for normal use have been used. IMS returns this code when writing to a Fast Path DEDB database to warn you that you might be running out of buffer space.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-23500</b>	<b>Parsing not supported for code page <i>code_page_number</i> (<i>code_page_name</i>)</b>
Explanation:	An attempt was made to parse data in a multibyte code page for which there is no support for examining each character one at a time. This error is typically generated when doing a DTLDescribe request with escape and wild card processing, or accessing metadata.
System Action:	Processing aborts.
User Response:	Verify the SQL page in the configuration file. It is possible to parse all fixed width code pages, EBCDIC mixed width code pages containing 0E/0F shift bytes, ASCII mixed width code pages prefixed by starter bytes and UTF-8. It is not possible to parse code pages such as ISCII, ISO-2022, compression and email code pages. If a multibyte SQL code page is needed, then UTF-8 should be used on ASCII platforms and an appropriate EBCDIC mixed width code page on EBCDIC platforms.
<b>PWX-23501</b>	<b>'<i>ICU_error_code</i>' converting from source CP to intermediate UNICODE.</b>
Explanation:	<p>ICU has reported an error, <i>ICU_error_code</i>, when converting characters from the source code page to the intermediate Unicode. This is the first part of two-step process: Convert from source to intermediate Unicode, and then from intermediate Unicode to the target code page.</p> <p>Common error codes include:</p> <ul style="list-style-type: none"> <li>• U_FILE_ACCESS_ERROR. Code page converter is missing.</li> <li>• U_INVALID_CHAR_FOUND. Typically character not present in target.</li> <li>• U_TRUNCATED_CHAR_FOUND. A multibyte character is incomplete.</li> <li>• U_ILLEGAL_CHAR_FOUND. Corrupt source data.</li> <li>• U_BUFFER_OVERFLOW_ERROR. Target buffer is not big enough.</li> </ul>
System Action:	Processing aborts.
User Response:	Consult the ICU web site for the meaning of the ICU error code. To correct the problem, use the other error messages, verify that the correct code pages are being used and that the data is valid.

<b>PWX-23502</b>	<b>'<i>ICU_error_code</i>' converting from intermediate UNICODE to target CP.</b>
Explanation:	ICU has reported an error when converting characters from Unicode to the target code page. This is the second part of two-step process (converting from source to intermediate Unicode, and then from intermediate Unicode to the target code page).
System Action:	Processing aborts.
User Response:	Consult the ICU web site for the meaning of the error. Using the other error messages, verify that the correct code pages are being used and that the data is valid.
<b>PWX-23503</b>	<b>'<i>ICU_error_code</i>' converting both to and from UNICODE.</b>
Explanation:	ICU has reported errors when converting characters both ways (from the source code page to Unicode and from Unicode to the target code page).
System Action:	Processing aborts.
User Response:	Consult the ICU web site for the meaning of the error. Using the other error messages, verify that the correct code pages are being used and that the data is valid.
<b>PWX-23504</b>	<b>Bytes <i>number</i> to <i>number</i> of data: data</b>
Explanation:	Provides additional information about a conversion error. Single-byte characters that are not control characters are displayed using this message.
System Action:	The system sends a return code and message to the calling program.
User Response:	Collect information about the error and contact Informatica Global Customer Support.
<b>PWX-23505</b>	<b>Bytes <i>number</i> to <i>number</i> of data: data</b>
Explanation:	Provides additional information about a conversion error. Multibyte characters or not control characters are displayed in hex using this message.
System Action:	Processing aborts.
User Response:	Collect information about the error and contact Informatica Global Customer Support.
<b>PWX-23506</b>	<b>Unable to convert to Unicode at offset <i>offset</i> source characters: data</b>
Explanation:	Specifies the hex of source characters that cannot be converted to Unicode.
System Action:	Processing aborts.
User Response:	Using associated error messages, determine whether the data is invalid or the wrong source code page is being used.
<b>PWX-23507</b>	<b>Unable to convert to target code page at offset <i>offset</i> Unicode characters: data</b>
Explanation:	Specifies the hex of a Unicode 16 bit integer that cannot be converted to the target code page.
System Action:	Processing aborts.
User Response:	Using associated error messages, determine whether the data is invalid or the wrong source or target code page is being used.
<b>PWX-23508</b>	<b>First problem Unicode character: <i>name</i></b>
Explanation:	Specifies the name of the first problem Unicode character that failed conversion and was reported in a PWX-23507 message.

System Action:	Processing aborts.
User Response:	Using associated error messages, determine whether the data is invalid or the wrong source or target code page is being used.
<b>PWX-23509</b>	<b>Invalid UTF8 lead byte at position <i>position</i> value <i>value</i></b>
Explanation:	An invalid UTF8 lead byte was met during parsing. Valid lead bytes lie the range x'00' to x'7F' or have the first 2 or 3 bits set (X'Cx', x'Dx').
System Action:	Processing aborts.
User Response:	Using associated error messages, determine whether the data is invalid or the wrong source or target code page is being used.
<b>PWX-23510</b>	<b>Error initializing translator for column <i>column</i></b>
Explanation:	An error was met when initializing the control structure used to translate between a source and target code page for the specified column.
System Action:	Processing aborts.
User Response:	See the to diagnose associated messages for the reason.
<b>PWX-23511</b>	<b>Error <i>error</i> opening a converter for code page <i>code_page_name</i></b>
Explanation:	An error occurred when opening an ICU converter for <i>code_page_name</i> .
System Action:	Processing ends.
User Response:	The ICU data library might not contain the required code page. Verify that the ICU data library shipped for PowerExchange is in the path specified by the ICUDATADIR parameter in the DBMOVER configuration file. Use ICUCHECK to see the full list of code pages.
<b>PWX-23512</b>	<b>ICU data directory already set to <i>existing_name</i> and cannot be changed to <i>new_name</i>.</b>
Explanation:	The ICU data directory has already been set to the specified directory that is different to the requested one using a case sensitive comparison. It is not possible to change it to a different directory in the same run unit.
System Action:	Processing continues. The system ignores the value in the configuration file ICUDATADIR parameter and looks for code page CNV files in first directory that was set by an earlier caller that was not PowerExchange.
User Response:	Set the ICUDATADIR parameter to be the same as the existing name and copy the code page CNV files to this directory.
<b>PWX-23513</b>	<b>Error calling routine <i>routine_name</i>. Return code <i>return_code</i>. Error description <i>description</i>.</b>
Explanation:	An ICU error was returned from the specified routine.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-23514</b>	<b>Customized code page converter file <i>file_name</i> was not found in the ICU data directory <i>directory_name</i>.</b>
Explanation:	An attempt to open an ICU converter (CNV file) for the customized code page failed with the error U_FILE_ACCESS_ERROR. This message reports the file name of the required converter and the expected directory location of this file.

System Action: Processing ends.

User Response: For processing to succeed, PowerExchange must have access to the converter file. Use the following methods to correct the error:

- Locate the required ICU CNV file or create it by using the MAKECONV utility.
- If the expected location is defined by the application that calls PowerExchange, copy the CNV file to the expected location.
- If you run the PowerExchange Listener from the domain under ISP control, the expected location for the ICU converter files might be different than the location specified in the ICUDATADIR parameter in the DBMOVER configuration file. If the location is different, update the ICUDATADIR parameter so that it points to the specified location. Make sure that all required CNV files are maintained in that location for all runtime operations.

**PWX-23515 Code page number *code\_page\_number* has not been defined.**

Explanation: No definition for the code page number exists in the control array. This error can occur for the following reasons:

- A customized code page in the range 301 to 399 is used but has not been defined with an ICUCONVERTER ADD statement.
- An ICUCONVERTER DELETE statement removed the specified code page number.

System Action: Processing ends.

User Response: Verify that the required ICUCONVERTER ADD statements are defined in the DBMOVER configuration file. If an NRDB data map exists, make sure that it has the correct code page at the map and field levels. If you need assistance, collect as much information as possible about the error and then contact Informatica Global Customer Support.

**PWX-23520 Error converting DB2 name "*name*" to UTF8.**

Explanation: An error occurred while PowerExchange was converting the specified DB2 for z/OS or i5/OS table or column name to UTF-8 during name validation.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-23521 Invalid character "*character*" at position *character\_number* in DB2 name "*name*".**

Explanation: PowerExchange encountered an unsupported character in a DB2 for z/OS or DB2 for i5/OS table or column name.

System Action: Processing ends.

User Response: The table cannot be processed. Do not try to register it again. Only characters in code page IBM1047 are supported for DB2 for z/OS or DB2 for i5/OS CDC.

**PWX-23523 Warning. Deprecated EXT\_CP\_SUPPT=N causes non-standard code page conversion.**

Explanation: In the DBMOVER configuration file, the EXT\_CP\_SUPPT statement is set to N. This setting was the default in PowerExchange releases earlier than 9.6.0. This setting causes control characters to be ignored during conversions between EBCDIC and ASCII code pages. When you use this conversion style, after you read, process, and write back an EBCDIC file on z/OS, the file will have different control characters.

System Action: Processing continues, but control characters are not converted.

User Response:	In the DBMOVER configuration file, set EXT_CP_SUPPT=Y, or delete the statement so that EXT_CP_SUPPT takes the default of Y. If you need to retain the previous default method of mapping for particular EBCDIC values (for example, if you need to map EBCDIC X'FF' to ASCII X'FF'), create a customized ICU code page.
<b>PWX-23524</b>	<b>Listener uses control code page "<i>name</i>" (<i>number</i>) which cannot accept the characters being sent.</b>
Explanation:	An attempt was made to perform a code page conversion of character data that the PowerExchange Listener is not configured to accept.
System Action:	Processing terminates.
User Response:	Set the control code page of the PowerExchange Listener to a code page that supports the characters being sent, and restart the Listener. For example, to allow all characters to be used on Linux, UNIX, or Windows, set the control code page to UTF8.
<b>PWX-23525</b>	<b>Listener at node "<i>node_name</i>" uses SQL code page "<i>code_page_name</i>" (<i>code_page_number</i>) which cannot accept the characters being sent.</b>
Explanation:	An attempt was made to perform a code page conversion of SQL character data that the PowerExchange Listener is not configured to accept.
System Action:	Processing terminates.
User Response:	Set the SQL code page of the PowerExchange Listener to a code page that supports the characters being sent, and restart the Listener. For example, to allow all characters to be used on Linux, UNIX, or Windows, set the SQL code page to UTF8.  If SQL sent to a Listener on z/OS or i5/OS contains literals with characters outside of the default IBM037 range, you might need to change the SQL code page to one that supports the characters being sent.
<b>PWX-23530</b>	<b>MultiByteToWideChar() error converting "<i>file_name</i>" from ANSI to Unicode.</b>
Explanation:	Code page conversion of the file name failed.
System Action:	Processing terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-23531</b>	<b>MultiByteToWideChar() error <i>number</i> "<i>message</i>".</b>
Explanation:	Code page conversion of the name failed.
System Action:	Processing terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-23532</b>	<b>File name was converted from ANSI to Unicode.</b>
Explanation:	This message accompanies another message reporting that opening a file using the _w fopen() API has failed.
System Action:	Processing terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-23533</b>	<b>Error converting name "<i>name</i>" from code page <i>name</i> (<i>number</i>) to Unicode.</b>
Explanation:	Code page conversion of the file name failed.

System Action: Processing terminates.

User Response: Ensure that the correct control code page has been specified in the DBMOVER configuration file.

**PWX-23534      File name was converted from code page *name (number)* to Unicode.**

Explanation: This message accompanies another message reporting that opening a file using the \_w fopen() API has failed.

System Action: Processing terminates.

User Response: Verify that the correct control code page is specified in the DBMOVER configuration file.

**PWX-23535      errno = EINVAL (*number*). File name has invalid characters.**

Explanation: This message accompanies another message reporting that opening a file using the \_w fopen() API has failed.

System Action: Processing terminates.

User Response: Verify that the correct control code page is specified in the DBMOVER configuration file.

**PWX-23536      errno = EINVAL (*number*). Network file cannot be accessed using local user "*user\_name*".**

Explanation: This message accompanies another message reporting that opening a file using the \_w fopen() API has failed. Microsoft Windows does not allow a network file beginning with "\\\" to be opened with a local user account.

System Action: Processing terminates.

User Response: If it is necessary to open a network file, ensure that the process runs under a domain user account and not under a local user account.

## CHAPTER 4

# PWX-25000 to PWX-35999

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## PWX-25000 to PWX-25999

### PWX-25000

#### Argument "BACKUPFILE" must be supplied for CMD "command"

Explanation:	The CREATE_CDCT_BACKUP, DERIVE_CDCT_BACKUP, or RESTORE_CDCT command was issued to the PWXUCDCT utility without the required BACKUPFILE parameter.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	Add the BACKUPFILE parameter to the command. In the CREATE_CDCT_BACKUP or DERIVE_CDCT_BACKUP command, use the parameter to specify the name of a backup file to be created. In the RESTORE_CDCT command, use the parameter to specify the name of the existing backup file from which to restore the CDCT file.

### PWX-25001

#### No records in backup file "file\_name"

Explanation:	The BACKUPFILE parameter in the RESTORE_CDCT command specifies a backup file that contains no records. Consequently, the CDCT file cannot be restored from that backup file.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter, specify the name of a backup file that contains the records that you want to use for restoring the CDCT file.

<b>PWX-25002</b>	<b>Invalid record type in backup file header record. Expected "H", Read "<i>string</i>"</b>
Explanation:	The backup file that you are using to restore the CDCT file has an invalid header record. The first parameter must have a record type of "H." Instead, this parameter contains the specified string.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the RESTORE_CDCT command, enter the name of a backup file that has a record type of "H" in the first parameter of the header record.
<b>PWX-25003</b>	<b>Backup file instance "<i>instance</i>" does not match pwxcl.cfg instance "<i>instance</i>"</b>
Explanation:	The source instance in the second parameter of the header record of the backup file does not match the source instance in the DBID parameter of the PowerExchange Logger pwxcl.cfg file. You cannot restore CDCT records from a backup file that specifies an instance different from the one for which the PowerExchange Logger is capturing changes.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the RESTORE_CDCT command, enter the name of a backup file that specifies the same source instance as the pwxcl.cfg file in the second parameter of the header record.
<b>PWX-25004</b>	<b>Backup file width "<i>width</i>" invalid</b>
Explanation:	The backup file that you specified in the PWXUCDCT utility command has an invalid header record. The third parameter of the header record must specify FIXED or VARIABLE. Instead, the parameter contains the specified width value.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the PWXUCDCT utility command, enter the name of a backup file that contains a valid value, either FIXED or VARIABLE, in the third parameter in the header record.
<b>PWX-25005</b>	<b>Backup file create command "<i>command</i>" invalid</b>
Explanation:	The backup file that you specified in the PWXUCDCT utility command has an invalid header record. The third parameter of the header record does not specify a valid create command. The parameter must specify either CREATE_CDCT_BACKUP or DERIVE_CDCT_BACKUP.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the PWXUCDCT utility, enter the name of a backup file that contains a valid command, either CREATE_CDCT_BACKUP or DERIVE_CDCT_BACKUP, in the third parameter in the header record.
<b>PWX-25012</b>	<b>Backup file record "<i>number</i>" has a non-numeric data "<i>data</i>" at position "<i>position</i>" name "<i>name</i>"</b>
Explanation:	The backup file that you entered in the PWXUCDCT utility command has an invalid data record. The data record with the specified record number contains non-numeric data at the specified position.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the PWXUCDCT utility, enter the name of a backup file that contains a data record with valid data at the specified position.



<b>PWX-25014</b>	<b>Backup file record "<i>number</i>" has invalid data length "<i>length</i>" at position "<i>position</i>" name "<i>name</i>" data "<i>data</i>"</b>
Explanation:	The backup file that you entered in the PWXUCDCT utility command has an invalid data record. The data record with the specified record number has an invalid data length at the specified position.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the PWXUCDCT utility, enter the name of a backup file that contains a data record with a valid data length at the specified position.
<b>PWX-25015</b>	<b>Backup file record "<i>number</i>" has insufficient comma positions "<i>number</i>"</b>
Explanation:	The backup file that you entered in the PWXUCDCT utility command has an invalid data record. The data record with the specified record number has an insufficient number of comma positions.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the PWXUCDCT utility, enter the name of a backup file that contains a data record with sufficient comma positions.
<b>PWX-25016</b>	<b>Backup file record "<i>number</i>" has a sequence error with registration "<i>registration</i>". Previous registration "<i>registration</i>"</b>
Explanation:	The backup file that you entered in the PWXUCDCT utility command has an invalid data record. The data record with the specified record number has a sequence error related to the specified capture registration.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the PWXUCDCT utility, enter the name of a backup file that contains a data record without the sequence error.
<b>PWX-25017</b>	<b>Backup file record "<i>number</i>" has a sequence error with registration "<i>registration</i>" token "<i>token</i>". Previous token "<i>token</i>"</b>
Explanation:	The backup file that you entered in the PWXUCDCT utility command has an invalid data record. The data record with the specified record number has a sequence error related to the specified capture registration.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	In the BACKUPFILE parameter of the PWXUCDCT utility, enter the name of a backup file that contains a data record without the sequence error.
<b>PWX-25021</b>	<b>Command DELETE_EXPIRED_CDCT not allowed. Logger deletes expired CDCT records</b>
Explanation:	The DELETE_EXPIRED_CDCT command cannot be executed. For the PWXUCDCT utility to delete expired CDCT records, the PowerExchange Logger pwxocl.cfg configuration file must specify LOGGER_DELETES_EXPIRED_DCT_RECORDS=N. Otherwise, the PowerExchange Logger attempts to delete expired CDCT records.
System Action:	The PWXUCDCT utility ends abnormally.
User Response:	Specify LOGGER_DELETES_EXPIRED_CDCT_RECORDS=Y in the pwxocl.cfg file, stop the PowerExchange Logger, and then retry the DELETE_EXPIRED_CDCT command.

<b>PWX-25101</b>	<b><i>number</i> Logger file(s) found for mask <i>mask_value</i></b>
Explanation:	This message indicates the number of PowerExchange Logger log files that were found based on the specified mask.
System Action:	The application continues processing.
User Response:	No response is required.
<b>PWX-25102</b>	<b><i>number</i> Logger file(s) found for flexible groups masks</b>
Explanation:	This message indicates the number of PowerExchange Logger log files that were found based on the masks in the PowerExchange Logger group definition file.
System Action:	The application continues processing.
User Response:	No response is required.
<b>PWX-25111</b>	<b>File <i>file_name</i>. Total <i>number</i>. Commits <i>number</i>. Deletes <i>number</i>. Inserts <i>number</i>. Updates <i>number</i></b>
Explanation:	This message indicates the total record count and separate record counts by SQL operation type for the named file.
System Action:	The application continues processing.
User Response:	No response is required.
<b>PWX-25112</b>	<b>Group <i>group</i>. File <i>file_name</i>. Total <i>number</i>. Commits <i>number</i>. Deletes <i>number</i>. Inserts <i>number</i>. Updates <i>number</i></b>
Explanation:	This message indicates the total record count and separate record counts by SQL operation type for the named file.
System Action:	The application continues processing.
User Response:	No response is required.
<b>PWX-25113</b>	<b>Registration <i>registration</i>. CDCT records <i>number</i></b>
Explanation:	This message indicates the total number of records written to the derived CDCT backup file for the specified capture registration.
System Action:	The application continues processing.
User Response:	No response is required.
<b>PWX-25114</b>	<b><i>number</i> records written to backup file <i>file_name</i></b>
Explanation:	This message indicates the total number of records written to the specified backup file.
System Action:	The application continues processing.
User Response:	No response is required.
<b>PWX-25115</b>	<b>Error <i>number</i> opening logger file <i>file_name</i></b>
Explanation:	An error occurred while PowerExchange was opening the specified PowerExchange Logger log file.
System Action:	The application ends abnormally.
User Response:	For more information about the error, review the accompanying messages.

<b>PWX-25116</b>	<b>Error <i>number</i> closing logger file <i>file_name</i></b>
Explanation:	An error occurred while PowerExchange was closing the specified PowerExchange Logger log file.
System Action:	The application ends abnormally.
User Response:	For more information about the error, review the accompanying messages.
<b>PWX-25127</b>	<b>Error <i>number</i> writing record <i>file_name</i> to backup file <i>file_name</i></b>
Explanation:	An error occurred while PowerExchange was writing a record to the specified backup file.
System Action:	The application ends abnormally.
User Response:	For more information about the error, review the accompanying messages.
<b>PWX-25133</b>	<b>Error <i>number</i> opening backup file <i>file_name</i>.</b>
Explanation:	An error occurred while PowerExchange was opening the CDCT backup file.
System Action:	The application ends abnormally.
User Response:	For more information about the error, review the accompanying messages.
<b>PWX-25134</b>	<b>Error <i>number</i> reading record <i>number</i> from backup file <i>file_name</i></b>
Explanation:	An error occurred while PowerExchange was reading the specified record from the CDCT backup file.
System Action:	The application ends abnormally.
User Response:	For more information about the error, review the accompanying messages.
<b>PWX-25150</b>	<b>REPORT FOR COMMAND <i>command</i></b>
Explanation:	This message supplies the heading for the report that the PWXUCDCT utility generates for a REPORT command.
System Action:	The application continues.
User Response:	No response is required.
<b>PWX-25161</b>	<b>Total files found for masks <i>number</i></b>
Explanation:	This message reports the total number of files that match the masks that you defined.
System Action:	The application continues.
User Response:	No response is required.
<b>PWX-25162</b>	<b>Files not referenced in CDCT (orphans) <i>number</i></b>
Explanation:	This message reports the total number of PowerExchange Logger "orphan" log files that are not referenced in the CDCT file. The message is issued in response to the REPORT_ORPHAN_FILES command of the PWXUCDCT utility.
System Action:	The application continues.
User Response:	No response is required.

**PWX-25163 Deleted orphan file *file\_name***

Explanation: This message reports the name of a PowerExchange Logger “orphan” log file that was deleted in response to the DELETE\_ORPHAN\_FILES command of the PWXUCDCT utility.

System Action: The application continues.

User Response: No response is required.

**PWX-25183 Checkpoint done because of cold start**

Explanation: A checkpoint was performed when the PowerExchange Logger for Linux, UNIX, and Windows was cold started.

System Action: The application continues.

User Response: No response is required.

**PWX-25184 Checkpoint done because of rolled back CDCT records**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint because CDCT records were rolled back.

System Action: The application continues.

User Response: No response is required.

**PWX-25185 Checkpoint done because of file switch command**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint because a FILESWITCH command was issued.

System Action: The application continues.

User Response: No response is required.

**PWX-25186 Checkpoint done on first commit after earlier logger file ended uncommitted**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint when it received the first commit that occurred after the previous log file ended with uncommitted data.

System Action: The application continues.

User Response: No response is required.

**PWX-25187 Checkpoint done because of file switch from records criteria**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint when a file switch occurred because the file switch criteria, in number of records, was met.

System Action: The application continues.

User Response: No response is required.

**PWX-25188 Checkpoint done because of file switch from time criteria**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint when a file switch occurred because the file switch criteria, in minutes, was met.

System Action: The application continues.

User Response: No response is required.

<b>PWX-25189</b>	<b>Checkpoint done because of shutdown command</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint because a shutdown command was issued.
System Action:	The application continues.
User Response:	No response is required.
<b>PWX-25190</b>	<b>Checkpoint done because of Consumer API end of file</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint because the CAPI read to the end of the file.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-25191</b>	<b>Checkpoint done because of batch run timeout</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint because its batch run timed out.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-25192</b>	<b>Checkpoint done because first CDCT record for registration</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows performed a checkpoint because the first CDCT record was received for a registered table.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-25196</b>	<b>UCDCT: Unable to allocate <i>number_of_bytes</i> bytes of memory for <i>program_object</i>.</b>
Explanation:	The PowerExchange PWXUCDCT utility could not allocate memory for an internal program object. This message is intended for use by Informatica Global Customer Support.
System Action:	The utility process ends.
User Response:	Increase the amount of memory that is available to the utility process. Then start the utility process again.
<b>PWX-25200</b>	<b>Created CDCT file "<i>file_name</i>"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows created the specified CDCT file.
System Action:	The application continues.
User Response:	No response is required.
<b>PWX-25202</b>	<b>Deletion of file "<i>file_name</i>" failed. errno="<i>error</i>" EACCESS.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows failed to delete the specified file because of an EACCESS error. On UNIX systems, EACCESS can indicate a permissions error. On Windows systems, EACCESS can indicate a read-only file.
System Action:	The application ends abnormally.
User Response:	If a permissions problem exists, correct it. Then manually delete the file.

<b>PWX-25203</b>	<b>Deletion of file "<i>file_name</i>" failed. <i>errno</i>="error"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows failed to delete the specified file because an error occurred. The <i>errno</i> variable indicates the cause of the error.
System Action:	The application ends abnormally.
User Response:	Manually delete the file.
<b>PWX-25204</b>	<b>Deleted expired file "<i>file_name</i>"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows successfully deleted the expired log file.
System Action:	The application continues.
User Response:	No response is required.
<b>PWX-25361</b>	<b>Invalid length "<i>length</i>" in "<i>name</i>". Hex="<i>hexadecimal_value</i>"</b>
Explanation:	An even number of hexadecimal digits must be supplied.
System Action:	The application ends abnormally.
User Response:	Correct the input field.
<b>PWX-25362</b>	<b>Invalid hex digit in "<i>name</i>" at position "<i>position</i>". Hex="<i>hexadecimal_value</i>"</b>
Explanation:	An invalid of hexadecimal digit was encountered. Valid hexadecimal digits are in the range 0 through 9 or A through F.
System Action:	The application ends abnormally.
User Response:	Correct the input field.
<b>PWX-25363</b>	<b>The encryption password must be supplied if an encryption type is specified.</b>
Explanation:	The ENCRYPTOPT parameter is specified in the PowerExchange Logger for Linux, UNIX, and Windows configuration file, pwxccl.cfg, to specify the type of encryption algorithm to use for encrypting PowerExchange Logger log files. However, an encryption password is not specified in either the pwxccl.cfg configuration file or a pwxccl command for cold starting the Logger. The encryption password is required to enable encryption of the log files.
System Action:	The application ends abnormally.
User Response:	<p>To encrypt PowerExchange Logger log files, enter an encryption password either in the Logger configuration file or in the pwxccl command for cold starting the Logger.</p> <ul style="list-style-type: none"> <li>• In the configuration file, add the ENCRYPTPWD or ENCRYPTPWD parameter.</li> <li>• In the pwxccl command, include the encryptpwd parameter.</li> </ul> <p><b>Note:</b> If you specify ENCRYPTPWD in the configuration file and also enter encryptpwd in the pwxccl command, an error occurs.</p> <p>If you do not need to encrypt the log files, remove the ENCRYPTOPT parameter from the Logger configuration file.</p>
<b>PWX-25400</b>	<b>Argument "<i>argument</i>" overrode file to "<i>file_name</i>"</b>
Explanation:	The default PowerExchange DBMOVER configuration file was overridden to the file name that is specified in the argument.
System Action:	The application continues.

User Response: No response is required.

**PWX-25401 File override using argument "*argument*" failed. Expected "*file\_name*". Actual "*file\_name*"**

Explanation: The override of the default PowerExchange DBMOVER file was not successful. The actual file name used by PowerExchange does not match the one specified in the program argument. This failure might indicate a problem with environment variable settings.

System Action: The application ends abnormally.

User Response: Verify that environment variables are correctly set. If you need assistance, contact Informatica Global Customer Support.

**PWX-25402 Environment variable "*name*" not set**

Explanation: The named environment variable is not set.

User Response: This message might be logged in conjunction with an error. For more information, see the accompanying messages.

**PWX-25403 Environment variable "*name*" set to "*value*"**

Explanation: The named environment variable is set to the specified value.

User Response: This message might be logged in conjunction with an error. For more information, see the accompanying messages.

**PWX-25404 Processing console program. *command\_string***

Explanation: The console program is executed with the specified command string.

User Response: No response is required.

**PWX-25405 Argument "*argument*" is required with command "*command*"**

Explanation: A required argument for the specified command was not specified.

System Action: Processing stops.

User Response: Specify the required argument in the command. Run the command again.

**PWX-25406 Argument "*argument*" is not allowed with command "*command*"**

Explanation: The specified argument is not allowed with the specified command.

System Action: Processing stops.

User Response: Remove the argument from the command and run the command again.

**PWX-25600 Unexpected return code *return\_code* from routine *name***

Explanation: The specified routine returned the specified error code.

System Action: The process ends.

User Response: For more information, review the accompanying error messages.

**PWX-25601 Program *program*. Line *number*. Invalid events table. Address *address***

Explanation: The events table is invalid. The events table is shared by other concurrent tasks, which might have failed.

System Action: The process ends.

User Response:	For more information, see the accompanying error messages.
<b>PWX-25602</b>	<b>Program <i>program</i>. Line <i>number</i>. Invalid task <i>number</i>. Maximum task <i>number</i></b>
Explanation:	The task argument is invalid.
System Action:	The process ends.
User Response:	Ensure that the DTLCPEV library is built at the same level as the other libraries.
<b>PWX-25603</b>	<b>Program <i>program</i>. Line <i>number</i>. Invalid event <i>number</i>. Maximum event <i>number</i></b>
Explanation:	The task argument is invalid.
System Action:	The process ends.
User Response:	Ensure that the DTLCPEV library is built at the same level as the other libraries.
<b>PWX-25604</b>	<b>DTLCPEV uses <i>number</i> tasks. <i>number</i> events. Program expects <i>number</i> tasks. <i>number</i> events.</b>
Explanation:	A mismatch in the size of the events table exists between the DTLCPEV library and other specified program.
System Action:	The process ends.
User Response:	Ensure that the DTLCPEV library is built at the same level as the other libraries.
<b>PWX-25800</b>	<b>Could not find lock file <i>file_name</i></b>
Explanation:	The named lock file does not exist.
System Action:	The process continues and tries to create the required file.
User Response:	For more information, review the error messages that accompany this message.
<b>PWX-25801</b>	<b>Process <i>process_name</i> pid <i>process_id</i> created lock file <i>file_name</i></b>
Explanation:	The process created the named lock file.
System Action:	The process continues.
User Response:	No response is required.
<b>PWX-25802</b>	<b>Process <i>process_name</i> pid <i>process_id</i> locked file <i>file_name</i></b>
Explanation:	The process locked the named lock file.
System Action:	The process continues.
User Response:	No response is required.
<b>PWX-25803</b>	<b>Process <i>process_name</i> pid <i>process_id</i> unlocked file <i>file_name</i></b>
Explanation:	The process unlocked the named lock file.
System Action:	The process continues.
User Response:	No response is required.
<b>PWX-25804</b>	<b>Error trying to lock PowerExchange Logger files</b>
Explanation:	An error occurred when the process tried to lock PowerExchange Logger files.
System Action:	The process ends abnormally.



User Response:	To determine the cause of the error, review the error messages that accompany this one. Then correct the error.
<b>PWX-25811</b>	<b>File <i>file_name</i> is locked by process <i>process_name</i> pid <i>process_id</i> on host <i>host_name</i> date <i>date</i> time <i>time</i></b>
Explanation:	The lock file was locked by another process at the date and time specified. This message provides the process name, process ID (PID), and host name for the process that holds the lock.
System Action:	The process that is trying to lock the file sleeps and retries locking until the maximum wait interval elapses.
User Response:	Determine what the other process that holds the lock is doing.
<b>PWX-25812</b>	<b>File <i>file_name</i> is locked by pid <i>process_id</i> start offset length bytes</b>
Explanation:	The lock file is locked by another process.
System Action:	The process that is trying to acquire the lock sleeps and retries locking until the maximum wait interval elapses.
User Response:	Determine what the process that holds the lock is doing.
<b>PWX-25813</b>	<b>No information is available on process which locked file <i>file_name</i></b>
Explanation:	Another process holds a lock on the specified lock file. PowerExchange cannot identify that process.
System Action:	The process that is trying to acquire the lock sleeps and retries locking until the maximum wait interval elapses.
User Response:	No response is required.
<b>PWX-25814</b>	<b>Trying to lock file <i>file_name</i> until <i>seconds</i> seconds elapses</b>
Explanation:	The process is trying to lock the specified lock file but another process holds a lock on that file. This message indicates the maximum duration, in seconds, that the process tries to acquire a lock on the file before ending.
System Action:	The process that is trying to lock the file sleeps and retries locking until the maximum wait interval elapses.
User Response:	No response is required.
<b>PWX-25815</b>	<b>File <i>file_name</i> is locked by another process and no more waiting is allowed.</b>
Explanation:	The process tried to lock the specified lock file but another process holds a lock on that file. The maximum amount of time that the process can retry locking has elapsed.
System Action:	The process that tried to lock the lock file ends abnormally.
User Response:	Check the status of the process that holds the lock. It might not have completely shut down. Also, verify that the configuration files of both processes do not specify the same directories.
<b>PWX-25821</b>	<b>Error number (<i>description</i>) creating file <i>file_name</i> with API <i>API_name</i> parameter <i>parameter_name</i></b>
Explanation:	An error occurred when the process tried to create the file with the named API routine. This message provides the error number and description.
System Action:	The process ends abnormally.

User Response:	Correct the error that is described in this message.
<b>PWX-25822</b>	<b>Error number (description) opening file <i>file_name</i> with API <i>API_name</i> parameter <i>parameter_name</i></b>
Explanation:	An error occurred when the process tried to open the file with the named API routine. This message provides the error number and description.
System Action:	The process ends abnormally.
User Response:	Correct the error that is described in this message.
<b>PWX-25823</b>	<b>Error number (description) locking file <i>file_name</i> with API <i>API_name</i> parameter <i>parameter_name</i></b>
Explanation:	An error occurred when the process tried to lock the lock file with the named API routine. This message provides the error number and description.
System Action:	The process ends abnormally.
User Response:	Correct the error that is described in this message.
<b>PWX-25824</b>	<b>Error number (description) writing file <i>file_name</i> with API <i>API_name</i></b>
Explanation:	An error occurred when the process tried to write to the lock file with the named API routine. This message provides the error code and description.
System Action:	The process ends abnormally.
User Response:	Correct the error that is described in this message.
<b>PWX-25825</b>	<b>Error number (description) unlocking file <i>file_name</i> with API <i>API_name</i></b>
Explanation:	An error occurred when the process tried to unlock the lock file with the named API routine. This message provides the error code and description.
System Action:	The process ends abnormally.
User Response:	Correct the error that is described in this message.
<b>PWX-25826</b>	<b>Error number (description) closing file <i>file_name</i> with API <i>API_name</i></b>
Explanation:	An error occurred when the process tried to close the lock file with the named API routine. This message provides the error number and description.
System Action:	The process ends abnormally.
User Response:	Correct the error that is described in this message.
<b>PWX-25827</b>	<b>Error number (description) reading file <i>file_name</i> with API <i>API_name</i></b>
Explanation:	An error occurred when the process tried to read the lock file with the named API routine. This message provides the error number and description.
System Action:	Because no information is available about the process that holds a lock on the file, the system cannot log message PWX-25811 to identify the process. Instead, the system logs message PWX-25812 or PWX-25813.
User Response:	Correct the error that is described in this message.
<b>PWX-25828</b>	<b>Error number (description) processing file <i>file_name</i> with API <i>API_name</i></b>
Explanation:	An error occurred when the process tried to process the lock file with the named API routine. This message provides the error code and description.

System Action:	The process ends abnormally.
User Response:	Correct the error that is described in this message.
<b>PWX-25829</b>	<b>Only <i>actual_number</i> out of <i>expected_number</i> bytes processed from file <i>file_name</i> with API <i>API_name</i></b>
Explanation:	An error occurred when the process tried to process the lock file with the named API routine. This message provides the number of bytes that had been processed when the error occurred.
System Action:	The process ends abnormally.
User Response:	Correct the error that is described in this message.

## PWX-26000 to PWX-26999

<b>PWX-26001</b>	<b>Command handler ignored event <i>number</i> "<i>description</i>"</b>
Explanation:	The PowerExchange Logger Command Handler task received an unexpected programmed event and ignored it.
System Action:	The process continues.
User Response:	Determine if another task in the PowerExchange Logger for Linux, UNIX, and Windows system has failed.
<b>PWX-26002</b>	<b>Command handler is waiting for the writer to initialize before accepting commands</b>
Explanation:	The PowerExchange Logger has been started with user prompts in stdin and is waiting for the Writer task to initialize.
System Action:	The Command Handler threads wait for the Writer thread to initialize and get past the places where user prompts might be issued.
User Response:	No response is required.
<b>PWX-26003</b>	<b>Command handler is accepting commands</b>
Explanation:	The Command Handler thread is ready to accept and respond to commands.
System Action:	The system continues.
User Response:	No response is required.
<b>PWX-26004</b>	<b>Only method of stopping background continuous CCL Logger is a kill command</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows is running in continuous mode (COLL_END_LOG=0) as a background task. It cannot receive console input by means of stdin. Also, because the CONDENSENAME parameter is not specified in the pwxcl.cfg file, the PowerExchange Logger cannot receive commands by means of the pwxcmd program. The only way to stop the PowerExchange Logger is by using a kill command.
System Action:	The system continues and can be stopped only by a kill command.
User Response:	Enter the CONDENSENAME parameter in the pwxcl.cfg file so that commands can be issued to the PowerExchange Logger by means of the pwxcmd program.

<b>PWX-26010</b>	<b>Command "<i>command</i>" information</b>
Explanation:	This message precedes a set of messages that provide information from the specified command for the PowerExchange Logger.
System Action:	The process continues.
User Response:	No response is required.
<b>PWX-26011</b>	<b>Command handler received command "<i>command</i>"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Command Handler task has received the specified command and is about to start processing it.
System Action:	The process continues.
User Response:	No response is required.
<b>PWX-26012</b>	<b>"<i>command</i>" is not valid command</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Command Handler task has received an invalid command.
System Action:	The Command Handler ignores the invalid command and continues.
User Response:	No response is required.
<b>PWX-26013</b>	<b>Valid commands are <i>commands</i></b>
Explanation:	This message is displayed after the PowerExchange Logger Command Handler task receives an invalid command. It displays a list of the valid commands.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26014</b>	<b>Invalid argument "<i>argument</i>" for command "<i>command</i>"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Command Handler task has received an unrecognized argument for the specified command.
System Action:	The Command Handler ignores the command and continues.
User Response:	No response is required.
<b>PWX-26015</b>	<b>Command "<i>command</i>" requires an argument</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Command Handler task received the specified command without any argument. An argument is required.
System Action:	The Command Handler ignores the command and continues.
User Response:	No response is required.
<b>PWX-26016</b>	<b>Command "<i>command</i>" takes arguments <i>arguments</i></b>
Explanation:	After receiving an invalid argument for the specified command, the PowerExchange Logger for Linux, UNIX, and Windows Command Handler task displays a list of the valid arguments for the command.
System Action:	The Command Handler continues.
User Response:	No response is required.

**PWX-26021      Controller waits on events *event\_list***

Explanation: As a result of the DISPLAY EVENTS command, this message lists the events that the PowerExchange Logger Controller task is waiting on.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26022      Command Handler waits on events *event\_list***

Explanation: As a result of the DISPLAY EVENTS command, this message lists the events that the PowerExchange Logger Command Handler task is waiting on.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26023      Writer waits on events *event\_list***

Explanation: As a result of the DISPLAY EVENTS command, this message lists the events that the PowerExchange Logger Writer task is waiting on.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26024      Writer is sleeping, waiting for an event or timeout**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows Writer task is sleeping and waiting for an event to timeout to occur. This message is issued as a result of the DISPLAY EVENTS command.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26025      Writer is processing, reading source data**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows Writer task is reading source data. This message is issued as a result of the DISPLAY EVENTS command.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26031      Controller memory. Application bytes. Total bytes. Maximum bytes**

Explanation: As a result of the DISPLAY MEMORY command, this message displays the memory usage of the PowerExchange Logger Controller task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26032      Command Handler memory. Application bytes. Total bytes. Maximum bytes**

Explanation: As a result of the DISPLAY MEMORY command, this message displays the memory usage of the PowerExchange Logger Command Handler task.

System Action: The Command Handler continues.

User Response: No response is required.

<b>PWX-26033</b>	<b>Writer memory. Application bytes. Total bytes. Maximum bytes</b>
Explanation:	As a result of the DISPLAY MEMORY command, this message displays the memory usage of the PowerExchange Logger Writer task.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26034</b>	<b>Total memory. Application bytes. Total bytes. Maximum bytes</b>
Explanation:	As a result of the DISPLAY MEMORY command, this message displays the total memory usage of the PowerExchange Logger Controller, Command Handler, and Writer tasks.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26051</b>	<b>CPU uSecs reading source data number</b>
Explanation:	The amount of CPU time that the PowerExchange Logger for Linux, UNIX, and Windows spent reading source data.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26052</b>	<b>CPU uSecs writing data to files number</b>
Explanation:	The amount of CPU time, in microseconds, that the PowerExchange Logger for Linux, UNIX, and Windows spent writing data to the specified number of log files.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26053</b>	<b>CPU uSecs during file switches number</b>
Explanation:	The total amount of CPU time, in microseconds, spent for a PowerExchange Logger log file switch, including the time for closing files, writing CDCT records for completed log files, deleting CDCT records that have expired or that are for currently open files, and writing information to the checkpoint file.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26054</b>	<b>CPU uSecs for other processing number</b>
Explanation:	The amount of CPU time, in microseconds, that the PowerExchange Logger for Linux, UNIX, and Windows spent for activities other than reading source data, writing data to log files, and log file switches. This CPU time value includes time for initialization processing, such as initially populating the retention expiry array, and time used by the Controller and Command Handler tasks.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26055</b>	<b>CPU uSecs TOTAL number</b>
Explanation:	The total amount of CPU time, in microseconds, spent by the PowerExchange Logger for Linux, UNIX, and Windows process.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26060 No source data read by the CCL Logger yet**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows has not read any source data records yet.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26061 Delete records. Cycle number. File number. Total number**

Explanation: This message reports the total number of DELETE records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task during the specified processing cycle.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26062 Insert records. Cycle number. File number. Total number**

Explanation: This message reports the total number of INSERT records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task during the specified processing cycle.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26063 Update records. Cycle number. File number. Total number**

Explanation: This message reports the total number of UPDATE records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task during the specified processing cycle.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26064 Commit records. Cycle number. File number. Total number**

Explanation: This message reports the total number of COMMIT records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task during the specified processing cycle.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26065 Total records. Cycle number. File number. Total number**

Explanation: This message reports the total number of records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task during the specified processing cycle.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26066 Delete records. File number. Total number**

Explanation: This message reports the number of DELETE records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26067      Insert records. File *number*. Total *number***

Explanation: This message reports the number of INSERT records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26068      Update records. File *number*. Total *number***

Explanation: This message reports the number of UPDATE records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26069      Commit records. File *number*. Total *number***

Explanation: This message reports the number of COMMIT records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26070      Total records. File *number*. Total *number***

Explanation: This message reports the total number of records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26071      Delete records *number***

Explanation: This message reports the number of DELETE records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26072      Insert records *number***

Explanation: This message reports the number of INSERT records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26073      Update records *number***

Explanation: This message reports the number of UPDATE records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.

System Action: The Command Handler continues.

User Response: No response is required.



<b>PWX-26074</b>	<b>Commit records <i>number</i></b>
Explanation:	This message reports the number of COMMIT records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26075</b>	<b>Total records <i>number</i></b>
Explanation:	This message reports the total number of records processed by the PowerExchange Logger for Linux, UNIX, and Windows Writer task.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26081</b>	<b>Writer has not started yet</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task has not started yet.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26082</b>	<b>Writer is initializing. Time "<i>time</i>"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is initializing.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26083</b>	<b>Writer is initializing the Consumer API. Time "<i>time</i>"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is initializing the consumer API (CAPI).
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26084</b>	<b>Writer is initializing the CDCT retention array. Records <i>number</i>. Files <i>number</i>. Start time "<i>time</i>". Elapsed minutes <i>minutes</i></b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is initializing the CDCT retention expiry array, which requires reading all records in the CDCT file.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26085</b>	<b>Writer is starting to process. Time "<i>time</i>"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is starting to process change records.
System Action:	The Command Handler continues.
User Response:	No response is required.

<b>PWX-26086</b>	<b>Writer is sleeping. Time "time"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is temporarily suspended.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26087</b>	<b>Writer is reading or waiting for source data. Time "time"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is reading source data or is waiting to read it.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26088</b>	<b>Writer is writing source data to a file. Time "time"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is writing source data to a log file.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26089</b>	<b>Writer is starting a checkpoint. Time "time"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is starting to take a checkpoint.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26090</b>	<b>Writer is writing new CDCT records during a file switch. Time "time"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is writing records to the CDCT file during a log file switch.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26091</b>	<b>Writer has deleted <i>number</i> out of <i>number</i> expired CDCT records. Time "time"</b>
Explanation:	This message indicates the progress of the PowerExchange Logger for Linux, UNIX, and Windows Writer task in deleting expired CDCT records during a file switch. The message indicates the number of expired records that have been deleted so far and the total number of expired records.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26092</b>	<b>Writer is writing a checkpoint file. Time "time"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is writing a checkpoint file.
System Action:	The Command Handler continues.
User Response:	No response is required.

<b>PWX-26097</b>	<b>Writer is shutting down. Time <i>"time"</i></b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is shutting down.
System Action:	The PowerExchange Logger process will stop soon.
User Response:	No response is required.
<b>PWX-26098</b>	<b>Writer has terminated. Time <i>"time"</i></b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task has shut down.
User Response:	No response is required.
<b>PWX-26099</b>	<b>Unrecognized writer status <i>number</i>. Time <i>"time"</i></b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Command Handler does not recognize the status number for the Writer task.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26101</b>	<b>Current file was opened at time <i>"time"</i>. Records <i>number</i></b>
Explanation:	This message reports when the current log file was opened and its number of records.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26102</b>	<b>Time of next file flush <i>"time"</i></b>
Explanation:	This message reports when the time when the PowerExchange Logger for Linux, UNIX, and Windows will flush change data to log files on disk.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26103</b>	<b>Time of next file switch <i>"time"</i></b>
Explanation:	This message reports when the time when the PowerExchange Logger for Linux, UNIX, and Windows will perform the next file switch.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26111</b>	<b>CDCT Retention Array contains <i>number</i> records. First expiry time <i>"time"</i></b>
Explanation:	This message reports information about the PowerExchange Logger for Linux, UNIX, and Windows retention expiry array, including the number of records it contains and the first expiry time.
System Action:	The Command Handler continues.
User Response:	No response is required.
<b>PWX-26201</b>	<b>Traces set off for task <i>"name"</i></b>
Explanation:	Tracing is turned off for the specified task in response to a TRACEOFF command.
System Action:	The Command Handler continues.

User Response: No response is required.

**PWX-26202      Trace set on for task "*name*".**

Explanation: Tracing is enabled for the specified task in response to a TRACEON command.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26203      Trace for task "*name*". Filter "*name*". Level changed from *number* to *number***

Explanation: After a trace was enabled for the specified task, the trace level changed.

System Action: The Command Handler continues.

User Response: No response is required.

**PWX-26500      Tracing task is ending because its parent task terminated unexpectedly.**

Explanation: The parent task that spawned the tracing task ended unexpectedly. As a result, the tracing task is ending.

System Action: The tracing task cleans up shared storage and ends.

User Response: Determine why the parent task ended. The parent task can be a task such as the PowerExchange Listener or PowerExchange Logger task. Then correct the problem and start the parent task again.

**PWX-26501      Tracing task ending due to previous error.**

Explanation: The tracking task is ending because an error occurred.

System Action: The tracing task ends. If message 26500 does not immediately precede this message, the parent task that spawned the tracing task continues and PowerExchange writes messages to the detail.log file instead of to alternative log files.

User Response: Review the earlier messages in the alternative logging file or detail.log file to determine the cause of the error. Then correct the error. When the task that spawned the tracing task is restarted, alternative logging resumes.

**PWX-26502      Tracing subtask ended at *date\_time***

Explanation: The tracing task ended at the specified date and time because its parent task ended.

User Response: No response is required.

**PWX-26503      Alternative logging file opened *date\_time***

Explanation: The tracing task opened an alternative logging file at the specified date and time.

System Action: Processing continues.

User Response: No response is required.

**PWX-26504      Alternative logging file closed *date\_time***

Explanation: The tracing task closed the alternative logging file at the specified date and time because the file was full or the tracing task was ending.

System Action: If the alternative logging file was full, the tracing task opens another alternative logging file and continues.

User Response: No response is required.

## PWX-27000 to PWX-27999

### **PWX-27000**

#### **Reason *hexadecimal\_reason\_code*: description**

Explanation: This message provides more information about the specified reason code.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

### **PWX-27001**

#### **Reason *hexadecimal\_reason\_code*: Logger received too many parameters**

Explanation: The PowerExchange Logger received too many parameters.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

### **PWX-27002**

#### **Reason *hexadecimal\_reason\_code*: Registration type conflict with the Agent**

Explanation: A registration type conflict with the PowerExchange Agent occurred.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

### **PWX-27003**

#### **Reason *hexadecimal\_reason\_code*: Function received unknown or invalid initialization parms**

Explanation: The function received unknown or invalid initialization parms.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

### **PWX-27004**

#### **Reason *hexadecimal\_reason\_code*: Not enough parameters for the function**

Explanation: There are not enough parameters specified for the function.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

### **PWX-27007**

#### **Reason *hexadecimal\_reason\_code*: UOW name is not the same as the Logger connection name**

Explanation: The UOW name is not the same as the PowerExchange Logger connection name.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

### **PWX-27008**

#### **Reason *hexadecimal\_reason\_code*: The first data parameter is invalid**

Explanation: The first data parameter is not valid.

System Action: Processing ends abnormally.

User Response:	For more information, see the related messages.
<b>PWX-27009</b>	<b>Reason <i>hexadecimal_reason_code</i>: The second data parameter is invalid</b>
Explanation:	The second data parameter is not valid.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27010</b>	<b>Reason <i>hexadecimal_reason_code</i>: The function call is invalid after the initialization options</b>
Explanation:	The function call is not valid after the initialization options.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27011</b>	<b>Reason <i>hexadecimal_reason_code</i>: Invalid initialization parameter</b>
Explanation:	An initialization parameter is not valid.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27012</b>	<b>Reason <i>hexadecimal_reason_code</i>: Internal error handling registrations</b>
Explanation:	An internal error related to handling registrations occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27013</b>	<b>Reason <i>hexadecimal_reason_code</i>: First three parameters are incomplete</b>
Explanation:	The first three parameters are incomplete.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27014</b>	<b>Reason <i>hexadecimal_reason_code</i>: A null parameter was passed</b>
Explanation:	A null parameter was passed.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27015</b>	<b>Reason <i>hexadecimal_reason_code</i>: First three parameters are incomplete</b>
Explanation:	The first three parameters are incomplete.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27016</b>	<b>Reason <i>hexadecimal_reason_code</i>: EDCMSTUB getmain() failed</b>
Explanation:	The EDCMSTUB getmain() failed.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.

<b>PWX-27017</b>	<b>Reason <i>hexadecimal_reason_code</i>: EDMCI API load failed</b>
Explanation:	The EDMCI API load failed.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27018</b>	<b>Reason <i>hexadecimal_reason_code</i>: Token function mismatch</b>
Explanation:	A token function mismatch occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27019</b>	<b>Reason <i>hexadecimal_reason_code</i>: Invalid token</b>
Explanation:	A token is not valid.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27022</b>	<b>Reason <i>hexadecimal_reason_code</i>: Token getmain() failed</b>
Explanation:	The token getmain() failed.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27023</b>	<b>Reason <i>hexadecimal_reason_code</i>: Logger disconnect failed</b>
Explanation:	The PowerExchange Logger disconnect operation failed.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27024</b>	<b>Reason <i>hexadecimal_reason_code</i>: Termination with in-doubt Unit of work</b>
Explanation:	Processing terminated with in-doubt unit of work (UOW).
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27025</b>	<b>Reason <i>hexadecimal_reason_code</i>: Logger could not find a registration by the listener connection</b>
Explanation:	<p>The PowerExchange Logger for z/OS did not find a capture registration based on the resource interest list from a PowerExchange Listener.</p> <p>If the reason code is A0B0019, this problem can occur for the following reasons:</p> <ul style="list-style-type: none"> <li>• Multiple PowerExchange Listeners were accessing the same CCT file. One of these PowerExchange Listeners was updating registration information but it was not the one that the PowerExchange Agent was using.</li> <li>• The PowerExchange Agent refresh interval is too long. After a registration is created, updated, or deleted, the PowerExchange Agent does not refresh the registration information in the CCT file soon enough for the PowerExchange Logger to use it.</li> </ul>
System Action:	Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27026 Reason *hexadecimal\_reason\_code*: Logger connection failed**

Explanation: The PowerExchange Logger connection failed.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27027 Reason *hexadecimal\_reason\_code*: Logger Queue Open failed**

Explanation: The PowerExchange Logger Queue Open operation failed.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27028 Reason *hexadecimal\_reason\_code*: Logger Interface Write failed**

Explanation: The PowerExchange Logger Interface Write operation failed.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27029 Reason *hexadecimal\_reason\_code*: Unit of work already exists**

Explanation: The Unit of Work (UOW) already exists.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27031 Reason *hexadecimal\_reason\_code*: Change was sent after the end of a unit of work**

Explanation: The change was sent after the end of a unit of work (UOW).

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27032 Reason *hexadecimal\_reason\_code*: Internal error processing units of work**

Explanation: An internal error occurred while PowerExchange was processing units of work (UOWs).

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27033 Reason *hex code*: Initialization of common services failed**

Explanation: The initialization of common services failed.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.

**PWX-27034 Reason *hexadecimal\_reason\_code*: Connection to common services failed**

Explanation: Connection to common services failed.

System Action: Processing ends abnormally.

User Response: For more information, see the related messages.



<b>PWX-27035</b>	<b>Reason <i>hexadecimal_reason_code</i>: Error obtaining Logger resynchronization information</b>
Explanation:	An error occurred while PowerExchange was getting the PowerExchange Logger resynchronization information.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27036</b>	<b>Reason <i>hex code</i>: Error terminating common services</b>
Explanation:	An error occurred during termination of common services.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27037</b>	<b>Reason <i>hexadecimal_reason_code</i>: High sequence token does not ascend</b>
Explanation:	The high sequence token is not an ascending value.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27038</b>	<b>Reason <i>hexadecimal_reason_code</i>: Low sequence token does not ascend or is zero.</b>
Explanation:	The low sequence token is not an ascending value or is zero.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27042</b>	<b>Reason <i>hexadecimal_reason_code</i>: Unit of work not found</b>
Explanation:	The unit of work (UOW) was not found.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27043</b>	<b>Reason <i>hexadecimal_reason_code</i>: Must issue CHK1 first</b>
Explanation:	CHK1 must be issued first.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27044</b>	<b>Reason <i>hexadecimal_reason_code</i>: Too much extended information in the packet.</b>
Explanation:	The packet contains too much extended information.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27045</b>	<b>Reason <i>hex code</i>: Too much extended information in the change.</b>
Explanation:	The change contains too much extended information.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.

<b>PWX-27046</b>	<b>Reason <i>hexadecimal_reason_code</i>: Invalid LCI return area</b>
Explanation:	The LCI return area is not valid.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27047</b>	<b>Reason <i>hexadecimal_reason_code</i>: Missing message description tag</b>
Explanation:	A message description tag is missing.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27048</b>	<b>Reason <i>hexadecimal_reason_code</i>: Invalid description tag</b>
Explanation:	An EVNT call included an invalid description tag.
System Action:	Processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-27049</b>	<b>Reason <i>hexadecimal_reason_code</i>: Event mark build failed</b>
Explanation:	The event mark build operation failed.
System Action:	Processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-27051</b>	<b>Reason <i>hex code</i>: Maximum descriptions exceeded on an EVNT call.</b>
Explanation:	The maximum number of descriptions was exceeded on an EVNT call.
System Action:	Processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-27052</b>	<b>Reason <i>hexadecimal_reason_code</i>: Registration initialization failed</b>
Explanation:	Registration initialization failed.
System Action:	Processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-27053</b>	<b>Reason <i>hexadecimal_reason_code</i>: Agent services unavailable</b>
Explanation:	The PowerExchange Agent services are not available.
System Action:	Processing ends abnormally.
User Response:	For more information about the error, see related messages. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-27128</b>	<b>Reason <i>hexadecimal_reason_code</i>: Registration name too long</b>
Explanation:	A capture registration name is too long.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.

<b>PWX-27129</b>	<b>Reason <i>hexadecimal_reason_code</i>: ECCR name too long</b>
Explanation:	The ECCR name is too long.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27130</b>	<b>Reason <i>hexadecimal_reason_code</i>: Wrapper internal error.</b>
Explanation:	A wrapper internal error occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27131</b>	<b>Reason <i>hexadecimal_reason_code</i>: Wrapper token function mismatch</b>
Explanation:	A wrapper token function mismatch occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27132</b>	<b>Reason <i>hexadecimal_reason_code</i>: Wrapper memory allocation failed</b>
Explanation:	Allocation of wrapper memory failed.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27133</b>	<b>Reason <i>hexadecimal_reason_code</i>: Invalid token in the wrapper.</b>
Explanation:	A token in the wrapper was not valid.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27134</b>	<b>Reason <i>hexadecimal_reason_code</i>: Userid too long in the wrapper.</b>
Explanation:	A user ID in the wrapper is too long.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27135</b>	<b>Reason <i>hexadecimal_reason_code</i>: Message too long in the wrapper.</b>
Explanation:	A message in the wrapper is too long.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27192</b>	<b>Reason <i>hexadecimal_reason_code</i>: XData GNRS error</b>
Explanation:	An XData GNRS error occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.

**PWX-27193      Reason *hexadecimal\_reason\_code*: XData RSTR error**

Explanation:      An XData RSTR error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

**PWX-27194      Reason *hexadecimal\_reason\_code*: XData GHSQ error**

Explanation:      An XData GHSQ error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

**PWX-27195      Reason *hexadecimal\_reason\_code*: XData GLCI error**

Explanation:      An XData GLCI error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

**PWX-27208      Reason *hexadecimal\_reason\_code*: XData LR INIT error**

Explanation:      An XData LR INIT error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

**PWX-27209      Reason *hexadecimal\_reason\_code*: XData LR CONN error**

Explanation:      An XData LR CONN error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

**PWX-27210      Reason *hexadecimal\_reason\_code*: XData LR OPEN error**

Explanation:      An XData LR OPEN error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

**PWX-27211      Reason *hexadecimal\_reason\_code*: XData LR GETL error**

Explanation:      An XData LR GETL error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

**PWX-27212      Reason *hexadecimal\_reason\_code*: XData LR BUOW error**

Explanation:      An XData LR BUOW error occurred.  
System Action:      Processing ends abnormally.  
User Response:      For more information, see the related messages.

<b>PWX-27213</b>	<b>Reason <i>hexadecimal_reason_code</i>: XData LR No records</b>
Explanation:	An XData LR No records error occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27214</b>	<b>Reason <i>hexadecimal_reason_code</i>: XData LR BUOWs not found</b>
Explanation:	XData LR BUOWs were not found.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27215</b>	<b>Reason <i>hexadecimal_reason_code</i>: XData_LR Premature end of file.</b>
Explanation:	An XData_LR Premature end of file error occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27216</b>	<b>Reason <i>hexadecimal_reason_code</i>: XData LR Signon is missing</b>
Explanation:	An XData LR Signon is missing.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27401</b>	<b>Reason <i>hexadecimal_reason_code</i>: Getmain() error</b>
Explanation:	Getmain() error
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.
<b>PWX-27402</b>	<b>Reason <i>hexadecimal_reason_code</i>: Freemain() error</b>
Explanation:	A Freemain() error occurred.
System Action:	Processing ends abnormally.
User Response:	For more information, see the related messages.

## PWX-28000 to PWX-28999

<b>PWX-28001</b>	<b>SVC99 text units number <i>number</i> has exceeded the maximum <i>max_number</i>.</b>
Explanation:	The maximum number of text units allowed by the program has been exceeded.
System Action:	Processing terminates.
User Response:	Contact Informatica Global Customer Support. Identify the function being performed at the time of the error.

<b>PWX-28002</b>	<b>SVC99 text units storage <i>number</i> has exceeded the maximum <i>max_number</i>.</b>
Explanation:	The maximum amount of memory for text units allowed by the program has been exceeded.
System Action:	Processing terminates.
User Response:	Contact Informatica Global Customer Support. Indicate the function being performed at the time of the error.
<b>PWX-28003</b>	<b>File name length <i>length</i> exceeds the maximum <i>max_length</i>. File <i>file_name</i>.</b>
Explanation:	The file name is too long for the dynamic allocation system.
System Action:	Processing terminates.
User Response:	Shorten the file name.
<b>PWX-28004</b>	<b>File "<i>data_set_name</i>" contains invalid character '<i>character</i>' (hex'<i>hex_value</i>').</b>
Explanation:	The data set name contains an invalid character.
System Action:	Processing terminates.
User Response:	Correct the data set name.
<b>PWX-28005</b>	<b>File "<i>data_set_name</i>" has invalid zOS bracket syntax.</b>
Explanation:	The data set name contains a left bracket character but the closing right bracket is either missing or exceeds the eight-byte limit for member or GDG names.
System Action:	Processing terminates.
User Response:	Correct the data set name.
<b>PWX-28006</b>	<b>Writing to z/OS UNIX System Services files is not supported. File "<i>data_set_name</i>".</b>
Explanation:	PowerExchange does not support writing to UNIX System services files that begin with a forward slash character.
System Action:	Processing terminates.
User Response:	Write to a native z/OS file, and then copy data to a USS file by using JCL.
<b>PWX-28011</b>	<b>Fetch of module IEFDB476 to obtain messages failed.</b>
Explanation:	Load module IEFDB476 was not found in the library list.
System Action:	Processing terminates.
User Response:	Ensure that IEFDB476 is present in a STEPLIB library.
<b>PWX-28012</b>	<b>Call to module IEFDB476 failed with rc=<i>return_code</i>.</b>
Explanation:	A problem occurred trying to call module IEFDB476.
System Action:	Processing terminates.
User Response:	Check the accompanying messages for the reason.
<b>PWX-28013</b>	<b>SVC99 message <i>number</i>: <i>message</i></b>
Explanation:	This message provides information about a failed dynamic allocation call.
System Action:	Processing terminates.

User Response:	Check the messages for the reason that the dynamic allocation failed.
<b>PWX-28014</b>	<b>DYNALLOC failed. rc=return_code. Error code=X'S99error'. Information code=X'S99info'. SMS Reason Code=X'S99ERSN' (S99ERSN). SMS Reason Code=X'S99ERSN' (S99ERSN). File file_name.</b>
Explanation:	The operating system failed the dynamic allocation request (SVC 99). This message provides diagnostic information.
System Action:	Processing ends.
User Response:	To diagnose the problem, look for other system messages in the job log. For information about the IKJxyzz messages, see the IBM TSO/E Messages publication. For the SVC 99 ERROR/INFO codes, see the <i>MVS Authorized Assembler Services Guide</i> . If the problem persists, gather the error messages and parameter input and then contact Informatica Global Customer Support.
<b>PWX-28015</b>	<b>SVC99() S99UNALLOC failed. rc=return_code. Error code=X's99_error_code'. Information code=X's99_information_code'. DDNAME ddname. File file_name.</b>
Explanation:	The operating system failed the SVC 99 deallocation request.
System Action:	Processing continues.
User Response:	This is a warning message. Depending on the error, the file might still be allocated to the job.
<b>PWX-28016</b>	<b>SVC99() rc=return_code Error code=X'S99error' means 'explanation'.</b>
Explanation:	This message provides an explanation and other diagnostic information for the dynamic allocation error that is reported in message PWX-00220.
System Action:	Processing ends.
User Response:	To determine the cause of the failure, check all messages related to the dynamic allocation error.
<b>PWX-28021</b>	<b>User allocation parms: parameter_list</b>
Explanation:	This message provides information about allocation parameters that are provided by the calling application.
System Action:	Processing terminates.
User Response:	Check the messages for the reason why the dynamic allocation failed.
<b>PWX-28022</b>	<b>Configuration file allocation parms: parameter_list</b>
Explanation:	This message provides information about allocation parameters that were taken from the PowerExchange DBMOVER configuration file.
System Action:	Processing terminates.
User Response:	Check the messages for the reason why the dynamic allocation failed.
<b>PWX-28023</b>	<b>Defaulted allocation parms: parameter_list</b>
Explanation:	This message provides information about allocation parameters that were set to defaults because they were not provided by the calling application or the PowerExchange DBMOVER configuration file.
System Action:	Processing terminates.

User Response:	Check the messages for the reason why the dynamic allocation failed.
<b>PWX-28024</b>	<b>Waiting for HSM to recall migrated data set <i>dataset_name</i>.</b>
Explanation:	PowerExchange is waiting for DFSMSHsm (HSM) to process a dynamic allocation request for a data set that was migrated to tape.
System Action:	PowerExchange waits for the data set to be recalled before continuing processing.
User Response:	To avoid connection timeouts, check that the network timeout parameters allow sufficient time for HSM to mount tapes that contain migrated data sets and perform the recall operation.
<b>PWX-28025</b>	<b>HSM recall for data set <i>dataset_name</i> complete.</b>
Explanation:	DFSMSHsm (HSM) recalled the specified archived data set for PowerExchange processing.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-28026</b>	<b>HSM recall for data set <i>dataset_name</i> failed, return code <i>hsm_return_code</i>.</b>
Explanation:	On z/OS, DFSMSHsm tried to recall a migrated data set for PowerExchange processing but the recall operation failed. This message reports the DFSMSHsm return code for the failed operation.
System Action:	Processing ends.
User Response:	For information about DFSMSHsm return codes, see <i>IBM z/OS MVS System Messages Vol. 2</i> .
<b>PWX-28030</b>	<b>Subtask <i>TCB_address</i> exceeded open poll count <i>openpoll_value</i>.</b>
Explanation:	A z/OS subtask exceeded the OPENPOLL count while waiting for a data set.
System Action:	Processing ends.
User Response:	Check the system log for outstanding tape mount requests.
<b>PWX-28031</b>	<b>Open for data set <i>data_set_name</i> cancelled after <i>msecs</i> milliseconds.</b>
Explanation:	On z/OS, a data set failed to open within the time limit specified by the OPENPOLL and POLLTIME DBMOVER configuration file statements.
System Action:	Processing ends.
User Response:	Check the system log for outstanding tape mount requests.
<b>PWX-28201</b>	<b>Table "<i>schema.table_name</i>" does not exist in subsystem "<i>subsystem</i>".</b>
Explanation:	No entry was found in SYSIBM.SYSTABLES for the table.
System Action:	Processing ends.
User Response:	Ensure that the correct schema, table name, and subsystem are specified.
<b>PWX-28202</b>	<b>Image copy file "<i>file_name</i>" not valid for loading. Table space "<i>database_name.tablespace_name</i>". ICTYPE "<i>value</i>".</b>
Explanation:	The attributes of the image copy file are not valid for loading. ICTYPE represents the image copy type and is a column in the SYSIBM.SYSCOPY table.
System Action:	Processing ends.



User Response: Specify a valid full image copy file. For more information about ICTYPE, see the IBM documentation.

**PWX-28203      Processing cannot run under Linux, UNIX or Windows listener.**

Explanation: Processing cannot run under a PowerExchange Listener on Linux, UNIX, or Windows.

System Action: Processing ends.

User Response: Ensure that the location points to a z/OS machine.

**PWX-28204      Processing cannot run on Linux, UNIX, or Windows with this offload type.**

Explanation: Processing cannot run on Linux, UNIX or Windows with this type of offload processing.

System Action: Processing ends.

User Response: Ensure that you select **Filter After** for the **Offload Processing** connection attribute.

**PWX-28205      Processing location not supplied.**

Explanation: The location of the PowerExchange Listener is not provided.

System Action: Processing ends.

User Response: Ensure that the **Location** connection attribute is set.

**PWX-28206      Image copy file "*file\_name*" contains compressed table space so can only be read on zOS.**

Explanation: An attempt has been made to read an image copy file for a compressed table space on Linux, UNIX, or Windows.

System Action: Processing ends.

User Response: Set the **Location** connection attribute to point to a PowerExchange Listener on a z/OS machine and do not use the OFFLOAD\_FILE\_LOCAL override with compressed data.

**PWX-28207      Error processing generated SQL "*sql\_query*"**

Explanation: An attempt to query DB2 catalog tables has failed.

System Action: Processing ends.

User Response: See accompanying messages from DB2 for information about the error. The problem might be in a WHERE condition. For example, a reserved character such as a single quotation mark might appear in the wrong place.

**PWX-28211      Selected file "*file\_name*" for table space "*schema.tablespace\_name*". ICBACKUP="*value*" (*description*). STYPE "*value*" (*description*). TTYPE "*value*" (*description*).**

Explanation: No file was specified, and the system selected the most recent image copy file with the reported ICBACKUP, STYPE and TTYPE attributes. These attributes are columns in the SYSIBM.SYSCOPY table.

System Action: Processing continues.

User Response: No response is required, provided that the selected file satisfies the requirements. For more information about SYSIBM.SYSCOPY, see the IBM documentation.

**PWX-28221      Image copy file "*file\_name*" not found in subsystem "*subsystem\_name*".**

Explanation: No entry was found in SYSIBM.SYSTABLES for the file.

System Action: Processing continues, selecting image copy file rows that match the table OBID. This procedure might be valid if the original image file has been copied to a different name.

User Response: If possible, ensure that the connection points to the DB2 subsystem where the file was created.

**PWX-28222      File "*file\_name*" found in subsystem "*subsystem\_name*" for different table space "*database\_name.tablespace\_name*". DSNUM=*partition\_number* .**

Explanation: No entry was found in SYSIBM.SYSTABLES for the file.

System Action: Processing continues, selecting image copy file rows that match the table OBID. This procedure might be valid if the original image file has been copied to a different name and if consistency checks are set so that rows for the correct OBID are selected.

User Response: If possible, ensure that the connection points to the DB2 subsystem where the file was created.

**PWX-28231      Image copy file "*file\_name*" opened as a sequential file.**

Explanation: PowerExchange did not find an entry in SYSIBM.SYSTABLES for the file but opened it successfully on z/OS as a sequential file. Message PWX-28231 is logged on z/OS and accompanies message PWX-28221, which might be logged on Linux, UNIX or Windows if offload processing is enabled.

System Action: Processing continues.

User Response: No response is required.

**PWX-28232      Image copy file "*file\_name*" opened as a flash copy file.**

Explanation: PowerExchange did not find an entry in SYSIBM.SYSTABLES for the file but opened it successfully on z/OS as a flash copy file. Message PWX-28232 is logged on z/OS and accompanies message PWX-28221, which might be logged on Linux, UNIX or Windows if offload processing is enabled.

System Action: Processing continues.

User Response: No response is required.

**PWX-28233      Image copy file "*file\_name*" could not be opened as a sequential or flash copy file.**

Explanation: PowerExchange did not find an entry in SYSIBM.SYSTABLES for the file. PowerExchange first attempted to open the file as sequential. This attempt failed with the following error message:

```
errno=41 "EDC5041I An error was detected at the system level when opening
a file."
```

PowerExchange then attempted to open the file as a flash copy file, but this attempt also failed.

Message PWX-28233 is logged on z/OS and accompanies message PWX-28221, which might be logged on Linux, UNIX or Windows if offload processing is enabled.

System Action: Processing is aborted.

User Response: Provide a valid image copy file and ensure that the connection points to the DB2 subsystem where the file was created.

# PWX-31001 to PWX-31999

## **PWX-31001      Failure to decrypt SSL EPASS.**

Explanation: PowerExchange encountered an error while attempting to decrypt the passphrase that is specified in the EPASS parameter in the SSL statement in the DBMOVER configuration file.

System Action: Processing ends.

User Response: Verify that the EPASS parameter represents a valid encrypted passphrase.

## **PWX-31002      Both PASS and EPASS options are specified for SSL. Only one is permitted.**

Explanation: The PASS and EPASS parameters are both specified in the SSL statement in the DBMOVER configuration file. Only one of these parameters is allowed.

System Action: Processing ends.

User Response: Edit the SSL statement in the DBMOVER configuration file to specify either the PASS or EPASS parameter but not both.

## **PWX-31006      Parameter *keyword* is not allowed on z/OS for program name *program\_name*.**

Explanation: The SSL parameter is only supported on z/OS for the PWXUGSK utility, which reports information on SSL certificates. Other PowerExchange utilities and applications cannot use the SSL parameter because PowerExchange runs behind the ATL-TLS proxy on z/OS.

System Action: Processing ends.

User Response: Remove the unsupported SSL parameters from the DBMOVER configuration file. Create a separate configuration file that contains the SSL parameters for the PWXUGSK utility if necessary.

## **PWX-31007      Parameter *keyword* is not allowed on z/OS for program name *program\_name*.**

Explanation: The SSL parameter is only supported on z/OS for the PWXUGSK utility, which reports information on SSL certificates. Other PowerExchange utilities and applications cannot use the SSL parameter because PowerExchange runs behind the ATL-TLS proxy on z/OS.

System Action: Processing ends.

User Response: Remove the unsupported SSL parameter from the DBMOVER configuration file. Create a separate configuration file that contains the SSL parameters for the PWXUGSK utility if necessary.

## **PWX-31008      TCP/IP packet sizes for statement *statement name name* lowered from *original\_size* to *optimal\_size* for SSL connections.**

Explanation: To improve performance when making secure connections, avoid setting the packet size to a value larger than 16384. If a LISTENER or NODE statement is configured with a larger packet size, the size is reduced to 16384 and PowerExchange logs warning message PWX-31008.

System Action: Processing continues using the smaller packet size.

User Response: To suppress message PWX-31008, configure the LISTENER or NODE statement to a packet size no larger than 16384. In the LISTENER statement, you configure the packet sizes at comma positions 6 and 7. In the NODE statement, you configure the packet sizes at comma positions 7 and 8. In both types of statements the packet sizes follow the TCP/IP receive and send buffer sizes, which should be large.

**PWX-31021      Error initializing SSL**

Explanation: An error occurred while initializing SSL.

System Action: The task ends.

User Response: Review the associated messages for the reason.

**PWX-31022      Error initializing the context**

Explanation: An error occurred while initializing the SSL context

System Action: The task ends.

User Response: Review the associated messages for the reason.

**PWX-31023      Open secure socket failed**

Explanation: An error occurred while opening the secure socket.

System Action: The task ends.

User Response: Review the associated messages for the reason.

**PWX-31024      Peer authority check failed**

Explanation: An error occurred while verifying the authority of the peer certificate.

System Action: The task ends.

User Response: Review the associated messages for the reason.

**PWX-31025      SSL ERR\_print\_errors information. *error\_information***

Explanation: Error information obtained from the SSL error stack using ERR\_print\_errors. The SSL error information in the *error\_information* variable appears in the following format:

```
[pid]:error:[error_code]:[library_name]:[function_name] :[reason_string]:  
[file_name]:[line]:[optional_text_message]
```

System Action: The task ends because of the error reported in an associated message.

User Response: To diagnose the problem, see associated messages.

**PWX-31026      SSL extra information. *error\_information***

Explanation: Error information derived from various sources.

System Action: The task ends because of the error reported in an associated message.

User Response: To diagnose the problem, see associated messages.

**PWX-31027      SSL\_read problem. rc=return\_code return\_code\_description. Expected bytes. Read bytes bytes.**

Explanation: Error returned by the SSL\_read API when reading data.

System Action: The task ends.

User Response: Look up the reason code in the SSL documentation.

**PWX-31028      SSL\_read error ignored while clearing socket prior to disconnect.**

Explanation: Prior to closing sockets, all packets are read and error conditions might be flagged if the remote peer has already disconnected.

System Action:	Processing continues to the termination step.
User Response:	No response is required. This is an internal informational message and should never be displayed.
<b>PWX-31029</b>	<b>SSL_write problem. rc=return_codereturn_code_description. Wrote bytes bytes</b>
Explanation:	Error returned by the SSL_write API when writing data.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31030</b>	<b>Client timeout on SSL_connect after seconds seconds.</b>
Explanation:	The client was unable to connect to the PowerExchange Listener in the time limit specified.
System Action:	The task ends.
User Response:	If the TCPIP_CON_TIMEOUT parameter of the PWX Override property is specified for the connection, increase its value. If the parameter is not specified, specify it with a value greater than 180. 180 seconds is the default connection timeout period if no value is specified.
<b>PWX-31031</b>	<b>Listener timeout on SSL_accept after seconds seconds.</b>
Explanation:	The PowerExchange Listener was unable to connect to the PowerExchange Listener in the time limit specified.
System Action:	The task ends and the PowerExchange Listener resumes listening for fresh work.
User Response:	Increase the number of seconds specified in the PWX Override connection attribute. In the Value column, specify the number of seconds for the connection timeout interval, network operation timeout interval, or both. Use the following syntax: <pre>TCPIP_OP_TIMEOUT=network_operation_timeout;TCPIP_CON_TIMEOUT=connection_timeout</pre>
<b>PWX-31032</b>	<b>Timeout on SSL_read after seconds seconds. Expected bytes. Received bytes bytes.</b>
Explanation:	An attempt to receive the given number of bytes on a SSL socket timed out before all the bytes were processed.
System Action:	The task ends.
User Response:	Look for an error at the other end of the connection. If there was no problem, increase the number of seconds specified in the PWX Override connection attribute. In the Value column, specify the number of seconds for the connection timeout interval, network operation timeout interval, or both. Use the following syntax: <pre>TCPIP_OP_TIMEOUT=network_operation_timeout;TCPIP_CON_TIMEOUT=connection_timeout</pre>
<b>PWX-31033</b>	<b>Timeout on SSL_write after seconds seconds. Expected bytes. Wrote bytes bytes.</b>
Explanation:	An attempt to write the given number of bytes on a SSL socket timed out before all the bytes were processed.
System Action:	The task ends.

User Response:	Look for an error at the other end of the connection. If there was no problem, increase the number of seconds specified in the PWX Override connection attribute. In the Value column, specify the number of seconds for the connection timeout interval, network operation timeout interval, or both. Use the following syntax:  <pre>TCPIP_OP_TIMEOUT=network_operation_timeout;TCPIP_CON_TIMEOUT=connection_timeout</pre>
<b>PWX-31034</b>	<b>The API function <code>SSL_CTX_use_certificate_chain_file()</code> cannot read the certificate chain file <i>file_name</i>.</b>
Explanation:	During a client application attempt to establish an SSL secure connection to the PowerExchange Listener on z/OS, the <code>SSL_CTX_use_certificate_chain_file()</code> function of the OpenSSL API could not read the specified certificate chain file.
System Action:	The task ends.
User Response:	Make sure that the certificate chain file is in the correct format. For more information about the <code>SSL_CTX_use_certificate_chain_file()</code> function, refer to the OpenSSL documentation.
<b>PWX-31035</b>	<b>The API function <code>SSL_CTX_use_PrivateKey_file()</code> cannot read the key file <i>file_name</i>.</b>
Explanation:	During an attempt to establish an SSL secure connection to the PowerExchange Listener on z/OS, the <code>SSL_CTX_use_PrivateKey_file()</code> function of the Open SSL API could not read the specified key file.
System Action:	The task ends.
User Response:	Make sure that the key file specified in the message is in the correct format. For more information about the <code>SSL_CTX_use_PrivateKey_file()</code> function, refer to the OpenSSL documentation.
<b>PWX-31036</b>	<b>Error verifying Certificate Authority locations. CA list=<i>CA_list</i>. CA path=<i>CA_path</i>.</b>
Explanation:	Error returned by API <code>SSL_CTX_load_verify_locations</code> .
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31037</b>	<b>SSL connect error. rc=<i>return_code</i>. Error=<i>errorerror_description</i>.</b>
Explanation:	Error returned by API <code>SSL_connect</code> that is executed on the client side.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31038</b>	<b>SSL accept error. rc=<i>return_code</i>. Error=<i>errorerror_description</i>.</b>
Explanation:	Error returned by API <code>SSL_accept</code> that is executed on the server side.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31039</b>	<b>Certificate does not verify. rc=<i>return_codename</i>.</b>
Explanation:	Error returned by API <code>SSL_get_verify_result</code> after opening a socket. The Peer certificate failed to verify.
System Action:	The task ends.

User Response: Look up the reason code in the SSL documentation.

**PWX-31040      Failed to get certificate from peer**

Explanation: Error returned by SSL wrapper routine.

System Action: The task ends.

User Response: Look up the reason code in the SSL documentation.

**PWX-31041      *errno errnoerrno\_description.***

Explanation: The value of the errno integer and its description that provides information about an error reported in the IO system which SSL is used. The description is provided by strerror() in Windows and perror() on UNIX.

System Action: The task ends because of the error reported in an associated message.

User Response: See to diagnose associated messages.

**PWX-31042      *file file line line flags flags error error\_numbererror\_description. data data.***

Explanation: The messages reports an error from the Open SSL error stack reporting mechanism.

System Action: The task ends because of the error reported in an associated message.

User Response: See to diagnose associated messages.

**PWX-31043      *rc rc from call\_type indicates error\_description***

Explanation: Generally SSL APIs return 1 when successful. In failure situations, sometimes return code 0 indicates an minor error and -1 indicates a different major error.

System Action: The task ends because of the error reported in an associated message.

User Response: To diagnose the problem, see associated messages.

**PWX-31044      *Certificate number. Machine machine\_name. Type certificate\_type. Start date start\_date\_time. End date end\_date\_time. Subject subject. Issuer issuer.***

Explanation: This message provides information about an SSL certificate that failed validation. The machine can be a local client, remote client, a node name for a remote PowerExchange Listener, or the local Listener name. The message also shows one of the following values for certificate type:

- Subject Identification.
- CA1: X509V3 CA.
- CA3: Self-signed X509 V1.
- CA4: Key Usage & CertSign bit.
- CA5: Netscape Type extension.

System Action: The task ends because of errors reported in related messages.

User Response: No response is required. To diagnose the error, use the information in this message and in the surrounding messages.

**PWX-31045      *Certificate number does not verify. rc=return\_code "name".***

Explanation: An error was returned by the OpenSSL API SSL\_get\_verify\_result after opening a socket. The peer certificate could not be verified.

System Action:	The task ends.
User Response:	Check the return code in the OpenSSL documentation.
<b>PWX-31046</b>	<b>SSL_connect failed. Check server log for errors.</b>
Explanation:	The attempt to connect to the server with SSL_connect() failed with error 5 (SSL_ERROR_SYSCALL). The server might have rejected the connection.
System Action:	The task ends.
User Response:	Check the server log for error messages. If the server is on Linux, UNIX, or Windows, check its PowerExchange log file. If the server is on z/OS, check the AT-TLS system log. If a problem exists with the client certificate, the information is logged on the server machine.
<b>PWX-31047</b>	<b>SSL_accept failed. Check client log for errors.</b>
Explanation:	The attempt to accept the connection request with SSL_accept() failed with error 5 (SSL_ERROR_SYSCALL). The client might have rejected the connection.
System Action:	The task ends.
User Response:	Check the PowerExchange log file on the client machine for error messages.
<b>PWX-31048</b>	<b>First SSL_read after connecting failed. Check server log for errors.</b>
Explanation:	The attempt to read from the server after connecting failed with error 5 (SSL_ERROR_SYSCALL). The server might have rejected the connection.
System Action:	The task ends.
User Response:	Check the server log for error messages. If the server is on Linux, UNIX, or Windows, check its PowerExchange log file. If the server is on z/OS, check the AT-TLS system log.
<b>PWX-31049</b>	<b>First SSL_write after connecting failed. Check server log for errors.</b>
Explanation:	The attempt to write to the server after connecting failed with error 5 (SSL_ERROR_SYSCALL). The server might have rejected the connection.
System Action:	The task ends.
User Response:	Check the server log for errors. If the server is on Linux, UNIX, or Windows, check its PowerExchange log file. If the server is on z/OS, check the AT-TLS system log.
<b>PWX-31050</b>	<b>First SSL_read after accepting a connection has failed. Check client log for errors.</b>
Explanation:	The attempt to read from the client after connecting failed with error 5 (SSL_ERROR_SYSCALL). The client might have rejected the connection.
System Action:	The task ends.
User Response:	Check the server log for error messages. If the server is on Linux, UNIX, or Windows, check its PowerExchange log file. If the server is on z/OS, check the AT-TLS system log.
<b>PWX-31051</b>	<b>First SSL_write after accepting a connection has failed. Check client log for errors.</b>
Explanation:	The attempt to write to the client after connecting failed with error 5 (SSL_ERROR_SYSCALL). The client might have rejected the connection.
System Action:	The task ends.
User Response:	Check the PowerExchange log file on the client machine for error messages.



<b>PWX-31052</b>	<b>Invalid SSL handshake from client.</b>
Explanation:	A client tried to connect an SSL-enabled PowerExchange Listener without using the SSL protocols.
System Action:	The task ends abnormally.
User Response:	Verify that the client has the Listener node defined correctly with the SSL parameter.
<b>PWX-31053</b>	<b>Client cannot validate the Listener certificate as required by the SSL_REQ_CLNT_CERT=Y setting. The SSL statement must contain the CALIST or CAPATH parameter.</b>
Explanation:	A client could not connect to an SSL-enabled PowerExchange Listener, because Listener security certificate validation is required by the SSL_REQ_CLNT_CERT=Y setting in the DBMOVER configuration file, but the required CALIST or CAPATH parameter is not specified in the SSL statement in the DBMOVER file.
System Action:	The client task ends.
User Response:	If you need to use SSL certificate validation, edit the DBMOVER configuration file to specify the CALIST or CAPATH keyword in the SSL statement. If you do not need to use SSL certificate validation, edit the DBMOVER configuration file to specify SSL_REQ_CLNT_CERT=N.
<b>PWX-31054</b>	<b>Listener cannot validate a client certificate as required by the SSL_REQ_CLNT_CERT=Y setting. The SSL statement must include the CALIST or CAPATH parameter.</b>
Explanation:	A PowerExchange Listener did not accept a client connection. Client SSL certificate validation is enabled by the SSL_REQ_CLNT_CERT=Y setting in the DBMOVER configuration file, but the required CALIST or CAPATH parameter is not specified in the SSL statement in the DBMOVER file.
System Action:	The task ends.
User Response:	If you need to use SSL certificate validation, edit the DBMOVER configuration file to specify the CALIST or CAPATH keyword in the SSL statement. If you do not need to use SSL certificate validation, edit the DBMOVER configuration file to specify SSL_REQ_CLNT_CERT=N.
<b>PWX-31055</b>	<b>File <i>file_name</i> defined by parameter <i>parameter_name</i> has status code (<i>description</i>)</b>
Explanation:	The specified file is not a valid OpenSSL PEM file.
System Action:	The task ends.
User Response:	See the accompanying error messages to determine in what context the invalid file is used. For example the problem file might be rejected by the OpenSSL API functions SSL_CTX_use_certificate_chain_file(), SSL_CTX_use_PrivateKey_file(), SSL_CTX_load_verify_locations(), or the file might be rejected when attempting to report certificates using PWXUSL. Correct the file format and try the task again.
<b>PWX-31056</b>	<b>Error <i>error_code</i> from API <i>api_function_name</i>. Reason <i>reason_code</i>. Library <i>OpenSSL_library</i>. optional <i>information</i></b>
Explanation:	The specified OpenSSL API function returned an error. This message provides diagnostic information, including the reason code.
System Action:	The task ends.

User Response: To diagnose the error, use the information in this message and in related messages. If the error is related to the certificate file or private key file, ensure that the file is available and valid.

**PWX-31057      The parameter *parameter\_name* is required by the API function *api\_function* but was not specified.**

Explanation: The specified OpenSSL API function returned an error. The function requires the specified missing parameter.

System Action: The task ends.

User Response: Add the specified parameter to the API function and run the task again.

**PWX-31058      API function *function\_name* failed.**

Explanation: The specified OpenSSL API function encountered an error and failed. A secure connection between the client and PowerExchange Listener could not be established.

System Action: The task ends.

User Response: For more information about the error context, review related messages.

**PWX-31059      The first send request after the SSL\_connect() function failed. The Listener is in send mode so cannot receive packets.**

Explanation: After the ssl\_connect() function opened a secure connection, the attempt by the client application to send the first packet to the PowerExchange Listener failed because the Listener connection was in the wrong mode. This error occurs if the PowerExchange Listener is verifying certificates to satisfy AT-TLS rules or if the SSL\_REQ\_SRVR\_CERT=Y statement is specified in the DBMOVER configuration file and the following conditions exist:

- The ssl\_connect() function succeeds.
- The Listener completes the ssl\_accept() function successfully, receives the subject certificate, and then rejects the certificate.
- The Listener switches the connection from receive mode to send mode to send an error packet.

System Action: The task ends.

User Response: Check the PowerExchange message logs on the remote PowerExchange Listener system to determine the cause of the error. Also check that the certificate that is specified in the SSL KEY parameter is valid and has not expired.

**PWX-31060      Verify that there is a PowerExchange Listener on machine *node\_name* accepting secure connections on port *port\_number*.**

Explanation: This informational message accompanies messages that report a failed attempt to establish a secure connection with the PowerExchange Listener on the specified z/OS system and port.

System Action: The task ends.

User Response: Verify that the following conditions exist:

- The SSL connection specifies the correct location for the PowerExchange Listener.
- The NODE statement in the DBMOVER configuration file specifies a valid machine name for TCP/IP.
- The PowerExchange Listener runs on the specified machine.

- The PowerExchange Listener uses the specified port.
- If the specified machine runs on z/OS, the AT-TLS rules intercept network packets for the specified port.

**PWX-31061      Secure connection to port *port\_number* on z/OS node *node\_name* failed because the listener did not accept the connection.**

Explanation: A client application attempt to establish an SSL secure connection to a PowerExchange Listener on z/OS failed because the remote peer where the PowerExchange Listener runs did not accept the connection.

System Action: The task ends.

User Response: Perform the following actions to troubleshoot the connection error:

- Verify that the PowerExchange Listener is running on the z/OS node.
- Verify that the PowerExchange Listener and AT-TLS rules are properly configured on the z/OS node.
- Check the TCP/IP and AT-TLS logs to verify that AT-TLS intercepted the TCP/IP request, removed the TLS packaging, and passed the request to the PowerExchange Listener. The message PWX-31062 shows the node where the logs reside.
- Check the PowerExchange Listener logs to look for any packets received from the client application IP address.

If you need assistance, contact Informatica Global Customer Support.

**PWX-31062      Diagnostic information is available in the TCP/IP, AT-TLS, and PowerExchange Listener logs on machine *node\_name*.**

Explanation: A client application attempt to establish a secure connection to a PowerExchange Listener on z/OS failed because the remote peer did not accept the connection. This informational message follows PWX-31061 and provides the names of the TCP/IP, Application Transparent Transport Layer Security (AT-TLS), or PowerExchange logs that you can use to diagnose the connection error.

System Action: The task ends because of related errors.

User Response: Use the specified logs to troubleshoot the failed connection to the PowerExchange Listener on z/OS.

**PWX-31063      31063 See the *IBM z/OS Cryptographic Services System SSL Programming and Communications Server: IP Diagnosis Guide* for information about return codes.**

Explanation: A client application attempt to establish an SSL secure connection to a PowerExchange Listener on z/OS failed because the remote peer did not accept the connection. This informational message follows PWX-31061 and provides the names of the IBM manuals that describe the return codes associated with the errors.

System Action: The task ends because of related errors.

User Response: Use the specified IBM documents to troubleshoot the secure connection to the PowerExchange Listener on z/OS.  
Check the *Communications Server: IP Diagnosis Guide* chapter on "Diagnosing Application Transparent Transport Layer Security" for AT-TLS return codes. For example, return code 416 is a permission error which might be caused if the user ID under which the PowerExchange Listener runs is not authorized to read a resource such as IRR.DIGTCERT.LISTRING.

<b>PWX-31067</b>	<b>Error <i>error_code</i> may happen because certificates were not sent to node <i>node_name</i>. Verify that the NODE statement is correct.</b>
Explanation:	This warning message accompanies error message PWX-31046 , which reports that the SSL_connect() function failed with error code X'14094410'.
System Action:	The task ends.
User Response:	If the PowerExchange Listener runs on z/OS, verify whether it requires certificates in the AT_TLS rules. If the Listener runs on Linux, Unix or Windows, determine whether it requires certificates by checking the SSL_REQ_CLNT_CERT statement in the DBMOVER configuration file. If the Listener requires certificates, remove the N subparameter in the NODE statement.
<b>PWX-31068</b>	<b>The listener did not agree on any of the <i>number</i> available client cipher(s) '<i>list</i>'.</b>
Explanation:	This warning message accompanies message PWX-31061 and happens when an OpenSSL SSL_connect() function fails with error X'14094410', and the PowerExchange Listener cannot find an acceptable cipher in the client cipher list.
System Action:	The task ends.
User Response:	Either clear the SSL_CIPHER_LIST parameter or change it to a cipher that is available on the PowerExchange Listener machine. If the Listener is on z/OS, you can look at the AT_TLS rules for available ciphers.
<b>PWX-31070</b>	<b>The client connection requested protocol <i>protocol</i> and <i>number</i> ciphers <i>cipher_list</i>.</b>
Explanation:	The PowerExchange Listener refused to establish a secure client connection. This message indicates the protocol and ciphers that the client connection requested.
System Action:	Processing ends.
User Response:	No action is required. You can use this message and surrounding messages to help diagnose the connection issue.
<b>PWX-31071</b>	<b>Error setting GSK variable <i>variable</i>. rc=<i>return_code</i>. Reason=<i>reason_code</i>.</b>
Explanation:	An error occurred because one of the following attributes of the GSK API could not be set: <ul style="list-style-type: none"> <li>• gsk_attribute_set_numeric_value</li> <li>• gsk_attribute_set_buffer</li> <li>• gsk_attribute_set_enum</li> </ul>
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31072</b>	<b>Error in gsk_secure_socket_close. rc=<i>return_code</i>. Reason=<i>reason_code</i>.</b>
Explanation:	Error returned by GSK API gsk_secure_socket_close. The socket could not be closed.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31073</b>	<b>Error in gsk_secure_socket_misc. rc=<i>return_code</i>. Reason=<i>reason_code</i>.</b>
Explanation:	Error returned by GSK API gsk_secure_socket_misc. The socket could not be manipulated.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.

<b>PWX-31074</b>	<b>Error in gsk_environment_open. rc=return_code. Reason=reason_code.</b>
Explanation:	Error returned by GSK API gsk_environment_open. The Environment could not be opened.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31075</b>	<b>set env attributes failed</b>
Explanation:	Error returned by SSL wrapper routine.
System Action:	PowerExchange reports the error.
User Response:	Environment attribute set failed. Cfailed.heck parameters, retry.
<b>PWX-31076</b>	<b>Error in gsk_environment_init. rc=return_code. Reason=reason_code.</b>
Explanation:	Error returned by GSK API gsk_environment_init. Environment initialization failed.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31077</b>	<b>Error in gsk_secure_socket_open. rc=return_code. Reason=reason_code.</b>
Explanation:	Error returned by GSK API gsk_secure_socket_open. Secure socket open failed.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31078</b>	<b>Error in set fd attribute. rc=return_code. Reason=reason_code.</b>
Explanation:	Error returned by GSK API gsk_attribute_set_numeric_value. Set FD attribute failed.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31079</b>	<b>Error in set session type. rc=return_code. Reason=reason_code.</b>
Explanation:	Error returned by GSK API gsk_attribute_set_enum. Set session type (client / server) failed.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31080</b>	<b>Error in gsk_attribute_set_callback. rc=return_code. Reason=reason_code.</b>
Explanation:	Error returned by GSK API gsk_attribute_set_callback. Set of the local IO callback routines failed.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.
<b>PWX-31081</b>	<b>Error in gsk_secure_socket_init. rc=return_code. Reason=reason_code.</b>
Explanation:	Error returned by GSK API gsk_secure_socket_init. Secure socket initialization failed.
System Action:	The task ends.
User Response:	Look up the reason code in the SSL documentation.

<b>PWX-31082</b>	<b>Error getting GSK variable <i>variable_name</i> using function=<i>function_name</i>. Error=<i>error_code</i> (<i>description</i>).</b>
Explanation:	<p>The PWXUGSK utility failed to retrieve an attribute of a Global Security Kit (GSK) secure connection or certificate. Certificate attributes are retrieved in order to validate certificates or to report errors. Secure connection attributes are retrieved to report the negotiated protocol and cipher and to return information to the client program running a PING command with parameter SSLINFO.</p> <p>GSK API functions that can trigger this error include the following functions:</p> <ul style="list-style-type: none"> <li>• gsk_attribute_get_numeric_value</li> <li>• gsk_attribute_get_buffer</li> <li>• gsk_attribute_get_enum</li> </ul>
System Action:	Processing continues, but additional errors might occur.
User Response:	Contact Informatica Global Customer Support to report the error, including the function that triggered the error.
<b>PWX-31083</b>	<b>No partner certificate was received.</b>
Explanation:	During an attempt to establish a secure connection, the partner machine did not return an expected certificate. The machine that initiated the connection cannot validate the identity of the partner machine.
System Action:	The secure connection fails.
User Response:	Check the configuration parameters SSL_REQ_SRVR_CERT and SSL_REQ_CLNT_CERT on the initiating machine and on the partner machine. If a PowerExchange Listener is configured with SSL_REQ_CLNT_CERT=N, client certificates are not requested or validated.
<b>PWX-31084</b>	<b>Issuer certificate is not trusted. Expiry date <i>date</i>. Name <i>name</i>.</b>
Explanation:	During an attempt to establish a secure connection, the initiating machine could not verify the issuing certificate authority (CA) for the certificate provided by the partner machine.
System Action:	The secure connection fails.
User Response:	<p>Determine whether the CA can be trusted and take one of the following actions:</p> <ul style="list-style-type: none"> <li>• If the CA on the partner machine can be trusted, import the CA record to the initiating machine, so that the initiating machine can accept the certificate.</li> <li>• If the certificate on the partner machine is expired, or the CA cannot be trusted, install a valid certificate from a trusted CA on the partner machine.</li> </ul>
<b>PWX-31085</b>	<b>Certificate validation error. Code <i>error_code</i> (<i>description</i>).</b>
Explanation:	During an attempt to establish a secure connection, the certificate for the partner machine could not be validated.
System Action:	The secure connection fails.
User Response:	Check the configuration parameters SSL_REQ_SRVR_CERT and SSL_REQ_CLNT_CERT on the initiating machine and on the partner machine. Use the IBM Global Security Kit documentation to determine the meaning of the error code. Contact Informatica Global Customer Support to report the error, including the GSK API function that triggered the error.

<b>PWX-31086</b>	<b>Error setting GSK variable <i>variable_name</i> to value <i>value</i> using function=<i>function_name</i> Error=<i>error_code</i> (<i>description</i>).</b>
Explanation:	During an attempt to establish a secure connection, PowerExchange failed to set an attribute for a Global Security Kit (GSK) variable. The GSK function that triggered the error could be one of the following API functions: <ul style="list-style-type: none"> <li>• gsk_attribute_set_numeric_value</li> <li>• gsk_attribute_set_buffer</li> <li>• gsk_attribute_set_enum</li> </ul>
System Action:	The secure connection fails.
User Response:	Consult the IBM GSK documentation for information about the error code. Adjust the configuration parameters for the connection to a value that can be used by the function that triggered the error.
<b>PWX-31101</b>	<b>Conversion error. Source Data not valid packed</b>
Explanation:	Error returned by conversion routine. An expected packed number is not a valid one.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31102</b>	<b>Conversion error. Target address is zero</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31103</b>	<b>Conversion error. Target length not 4 or 8</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31104</b>	<b>Conversion error. Source address zero</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31105</b>	<b>Conversion error. Source length in digits invalid (less than zero or 31)</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31106</b>	<b>Conversion error. Source scale in digits invalid (less than zero or source len)</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.

User Response:	Verify that the input data is correct.
<b>PWX-31107</b>	<b>Conversion error. Validate request is invalid (Should be 'Y' or 'N')</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31108</b>	<b>Conversion error. Target scale in digits invalid (less than zero or target len)</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error
User Response:	Verify that the input data is correct.
<b>PWX-31109</b>	<b>Conversion error. Unsigned result request invalid (it should be 'Y' or 'N')</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31110</b>	<b>Conversion error. Unexpected overflow during conversion to packed decimal</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31111</b>	<b>Conversion error. No non-zero bytes found in packed decimal field (no sign)</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31112</b>	<b>Conversion error. Return code or reason code fields not supplied</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31113</b>	<b>Conversion error. Source data not valid zoned</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31114</b>	<b>Conversion error. Source value too large, before scaling</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.



<b>PWX-31115</b>	<b>Conversion error. Source value too large, when being scaled</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31116</b>	<b>Conversion error. Source value too large, when being placed in target</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31117</b>	<b>Conversion error. Generic error from MVS conversion routines</b>
Explanation:	Error returned by conversion routine.
System Action:	PowerExchange reports the error.
User Response:	Verify that the input data is correct.
<b>PWX-31201</b>	<b>Threading not supported (reason: <i>reason_code</i>) - reverting to single threaded mode</b>
Explanation:	<p>The PowerCenter session cannot use multithreaded processing.</p> <p>The specified reason code is one of the following values:</p> <ul style="list-style-type: none"> <li>• 0. Unknown.</li> <li>• 1. Parameters not supported.</li> <li>• 2. Non-ordered processing not supported.</li> <li>• 3. Only Group Source processing is supported.</li> <li>• 4. Offload processing is required for threading.</li> <li>• 5. Caller must manage restart tokens.</li> <li>• 6. Only local mode processing supported.</li> <li>• 7. Access Method not supported.</li> <li>• 8. DB Request type not supported.</li> <li>• 9. File format not supported.</li> <li>• 10. Late initial binds (post-first read) not supported.</li> </ul>
System Action:	The session runs in single-threaded mode.
User Response:	To suppress this warning, change the value of the Worker Threads attribute to 0 on the PWXPC application connection.
<b>PWX-31202</b>	<b>Threading: <i>component</i> encountered error <i>return_code1/return_code2/return_code3</i> during process on thread <i>threadID</i></b>
Explanation:	<p>While running a PowerCenter session in multithreaded mode, a PowerExchange component, <i>component</i>, encountered an error.</p> <p>In the message text:</p> <ul style="list-style-type: none"> <li>• <i>component</i> is the component that encountered the error.</li> </ul>

- *return\_code1*, *return\_code2*, and *return\_code3* are PowerExchange return codes or message IDs for the failure.
- *process* is the PowerExchange process that was running when the error occurred.
- *threadID* is the ID of thread *thread\_name*.

System Action: The PowerCenter session fails.

User Response: To diagnose the problem, review additional error messages logged in the PowerCenter session log or in the PowerExchange log on the PowerCenter Integration Service machine. For additional assistance, contact Informatica Global Customer Support.

### **PWX-31203      Timed out waiting for thread after *time* milliseconds**

Explanation: Multithreaded processing timed out while waiting for thread.

System Action: PowerExchange reports the error.

User Response: No response is required.

### **PWX-31204      Thread *thread\_ID* ended unexpectedly**

Explanation: During processing for a request running in multithreaded mode, thread *thread\_ID* ended unexpectedly.

System Action: PowerExchange reports the error.

User Response: To diagnose the problem, review additional messages in the PowerCenter session log and in the PowerExchange log on the PowerCenter Integration Service machine.

### **PWX-31205      Running request in threaded mode (worker threads: *worker\_threads*, arraysize: *arraysize*, stagger: *stagger*, timeout after: *timeout*)**

Explanation: A request is being processed in multithreaded mode.

In the message text:

- *worker\_threads* is the Worker Threads attribute value on the PWXPC connection.
- *arraysize* is the PWXPC Array Size connection attribute value.
- *stagger* is the stagger value.
- *timeout* is the threading timeout value.

System Action: Multithreaded processing continues.

User Response: No response is required.

### **PWX-31208      Approximate total dynamic memory allocation for threaded-mode processing is *mb* MB**

Explanation: This message displays the approximate total dynamic memory usage, *mb* MB, for multithreaded-mode processing.

System Action: Multithreaded processing continues.

User Response: No response is required.

To modify memory usage, in PowerCenter, change the values of the PWXPC Worker Threads and Array Size connection attributes.

### **PWX-31209      Memory allocation failure (threading) - *bytes* bytes, file *file*, line *line***

Explanation: During multithreading processing, a memory allocation failure occurred.

System Action:	PowerExchange reports the error.
User Response:	To modify memory usage, in PowerCenter, change the PWXPC Worker Threads and Array Size connection attributes.
<b>PWX-31210</b>	<b>PowerExchange home directory not found in LD_LIBRARY_PATH</b>
Explanation:	The PowerExchange home directory was not found in the LD_LIBRARY_PATH path.
System Action:	Multithreaded processing continues.
User Response:	Add the PowerExchange home directory to the LD_LIBRARY_PATH path. Then, restart the node.
<b>PWX-31211</b>	<b>New thread creation failed. Return code: <i>return_code</i>, Additional info: <i>message</i></b>
Explanation:	PowerExchange was unable to create a new thread.
System Action:	Job processing continues.
User Response:	On the iSeries platform, ensure that the job description allows multiple threads. To enable multiple threads, edit the Allow Multithread (ALWMLTTHD) parameter in the job description on the iSeries platform to specify ALWMLTTHD=YES.  In addition, verify that the QMLTTHDACN system value is set to 1 or 2, or to the <b>Perform the function that is not threadsafe</b> value in the iSeries Navigator.  <b>Note:</b> For PowerExchange 9.0 or later on i5/OS, the PowerExchange Listener does not run in interactive mode.
<b>PWX-31212</b>	<b>Thread create failed. Must be run in batch with JOBD ALWMLTTHD=*YES. RC: <i>return_code</i> JOBD allows threads: <i>number_of_threads</i></b>
Explanation:	The creation of a thread failed.
System Action:	The system reports the error.
User Response:	If you are running in interactive mode, submit the request as a job. Verify that the Job Description ALWMLTTHD parameter is set to *YES.
<b>PWX-31254</b>	<b>PowerExchange threading stats for last <i>rows</i> rows. Cycle (array) size is <i>size</i> rows. <i>out</i> out of array occurred.</b>
Explanation:	PowerExchange reports the performance of a multi-threaded session.
System Action:	Processing continues.
User Response:	No action required.
<b>PWX-31255</b>	<b>Cycle time: <i>pct%</i> (avg: <i>avg</i> min: <i>min</i> max: <i>max</i> usecs)</b>
Explanation:	PowerExchange reports the performance of a multi-threaded session.
System Action:	Processing continues.
User Response:	No action required.
<b>PWX-31256</b>	<b>IO time: <i>pct%</i> (avg: <i>avg</i> min: <i>min</i> max: <i>max</i> usecs)</b>
Explanation:	PowerExchange reports the performance of a multi-threaded session.
System Action:	Processing continues.
User Response:	No action required.

<b>PWX-31257</b>	<b>Parse time: <i>pct%</i> (avg: <i>avg</i> min: <i>min</i> max: <i>max</i> usecs)</b>
Explanation:	PowerExchange reports the performance of a multi-threaded session.
System Action:	Processing continues.
User Response:	No action required.
<b>PWX-31258</b>	<b>Extern time: <i>pct%</i> (avg: <i>avg</i> min: <i>min</i> max: <i>max</i> usecs)</b>
Explanation:	PowerExchange reports the performance of a multi-threaded session.
System Action:	Processing continues.
User Response:	No action required.
<b>PWX-31259</b>	<b>Delay time: <i>pct%</i> (avg: <i>avg</i> min: <i>min</i> max: <i>max</i> usecs)</b>
Explanation:	PowerExchange reports the performance of a multi-threaded session.
System Action:	Processing continues.
User Response:	No action required.
<b>PWX-31260</b>	<b><i>connection_ID</i> : <i>count</i> (sends receives): avg network time: <i>avg_net_time</i>, avg application time: <i>avg_app_time</i> (usecs)</b>
Explanation:	<p>This message reports the performance statistics of the asynchronous network layer. When a connection ends, this message appears if the SHOW_THREAD_PERF parameter is set to Y in the DBMOVER file.</p> <p>PowerExchange displays one instance of this message for send operations and one instance for receive operations.</p> <p>In the message text:</p> <ul style="list-style-type: none"> <li>• <i>connection_ID</i> is the PowerExchange client IP address and port number.</li> <li>• <i>count</i> is the number of send or receive transmissions.</li> <li>• <i>avg_net_time</i> is the average number of microseconds it took the network thread to send or receive data using the TCP stack.</li> <li>• <i>avg_app_time</i> is the average number of microseconds that the application thread waited to send or receive data.</li> </ul> <p>To determine the performance benefit that asynchronous network processing provides, compare the average network time to the average application time.</p>
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-31261</b>	<b>PowerExchange joiner thread I/O time for last <i>number_of_rows</i> rows: <i>percentage</i> % (avg: <i>average</i> min: <i>minimum</i> max: <i>maximum</i> usecs)</b>
Explanation:	If you specified the SHOW_THREAD_PERF statement in the dbmover.cfg configuration file, this message reports the amount of time, in microseconds, that the joiner thread spent performing I/O for the partitioned session. The message reports the average, minimum, and maximum I/O times over the specified number of rows. When the joiner is not performing I/O, it waits for the partitions to complete processing.
System Action:	Bulk data processing continues.
User Response:	No response is required.

<b>PWX-31262</b>	<b>PowerExchange partition <i>partition_number</i> thread I/O delay time for last <i>number_of_rows</i> rows: <i>percentage</i> % (avg: <i>average</i> min: <i>minimum</i> max: <i>maximum</i> usecs)</b>
Explanation:	If you specified the SHOW_THREAD_PERF statement in the dbmover.cfg configuration file, this message reports the I/O delay time, in microseconds, for a specific partition in a bulk data movement session. The I/O delay time is the time that a partition waits to receive data from the joiner. The message shows the average, minimum, and maximum I/O delay times over the specified number of rows.
System Action:	Bulk data processing continues.
User Response:	No response is required.
<b>PWX-31263</b>	<b>Partition [<i>partition_number</i>]: Insert operation failed on record [<i>partition_record_number</i>/<i>joiner_record_number</i>] with error <i>return_code1</i>/<i>return_code2</i>/<i>return_code3</i> for file [<i>file_name</i>]</b>
Explanation:	During a bulk data movement session, an insert operation in a writer partition failed with specified return codes. The message includes the partition record number and the joiner record number for the record where the insert failed. The message also includes the name of the target file where the data was to be inserted. This message is issued because you specified Y for the WRT_ERROR_HANDLING statement in the DBMOVER configuration file or in the <b>PWX Override</b> attribute on the PWX NRDB Batch application connection.
System Action:	The data from the failed insert is not inserted to the target file.
User Response:	For a description of the return codes, see <a href="#">Chapter 11, "Abend, Return, and Reason Codes in PowerExchange Messages" on page 527</a> . For additional information, look in the PowerCenter session log for a message that includes the record ID and data. In the PowerExchange message log, look at the messages that precede this one for more diagnostic information.
<b>PWX-31502</b>	<b>Offloading - Unable to contact Listener on remote system</b>
Explanation:	During of an offloaded request, connectivity to the remote system failed. This problem is usually caused by a network related problem such as an incorrect IP address.
System Action:	PowerExchange reports the error.
User Response:	Examine other log entries.
<b>PWX-31504</b>	<b>Offloading and/or Threading may not be possible for this type of request</b>
Explanation:	For this type of request, offloading or threading might not be possible.
System Action:	Processing ends.
User Response:	Review previous error messages. If required, in the connection dialog box, set offload='N' worker threads=0 and rerun the request.
<b>PWX-31505</b>	<b>PowerExchange performance settings: offload type: '<i>type</i>', worker threads: <i>threads</i> (for connection <i>am</i>, mode <i>mode</i>)</b>
Explanation:	This message summarizes the performance settings used by this PowerExchange connection.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-31506</b>	<b>Offloading must be specified in PowerCenter connection dialog</b>
Explanation:	Offloading must be specified in the PowerCenter connection dialog box.

System Action: Processing continues.

User Response: Perform the following steps:

1. Remove any OFFLOAD settings from the configuration file for the PowerExchange Listener.
2. Remove any offloading setting from the PowerExchange data map.
3. Specify the offloading setting in the PowerCenter Connect to Repository dialog box.

**PWX-31509 Missing CAPI Connection for offload processing**

Explanation: A CAPI connection statement is missing for offload processing.

System Action: Processing ends.

User Response: Add the missing CAPI connection statement to the PowerExchange configuration file on the client.

**PWX-31510 Attempting direct data map retrieval after cached map failure.**

Explanation: A cached data map on Linux, Unix, or Windows could not be retrieved. Consequently, PowerExchange tries to retrieve the data map directly.

System Action: PowerExchange tries to retrieve the data map directly and continue processing.

User Response: For more information, look for other messages in the detail.log file that were logged at the time of the failure. Then contact Informatica Global Customer Support.

**PWX-31511 Offloading/Threading is not supported for this type of request**

Explanation: For this type of request, offloading and threading are not supported.

System Action: Processing continues without offloading.

User Response: To suppress this message, set offload='N' in the PowerCenter Connect to Repository dialog box.

**PWX-31513 Request for optimization attributes from source *who* failed (rc return\_code)**

Explanation: A request for optimization attributes failed.

System Action: Processing continues without using the offloading or threading performance settings.

User Response: Contact Informatica Global Customer Support.

**PWX-31517 To retrieve extraction maps, PowerExchange uses the value for Map Location, 'loc', from the PWX CDC application connection.**

Explanation: PowerExchange retrieves extraction maps for this connection from the PowerExchange Listener at the location specified in the Map Location attribute of the PWX CDC application connection.

System Action: Processing continues.

User Response: If the extraction map retrieval fails, verify that the Map Location attribute specifies the correct location for the extraction maps. Extraction maps reside at the PowerExchange Listener location where the change data is captured. Only specify a value for the Map Location attribute if you have used CDC offload processing with the PowerExchange Logger for Linux, UNIX, and Windows to recapture change data from a remote system where it was originally captured to PowerExchange Logger log files on Linux, UNIX, or Windows.

## PWX-32000 to PWX-32999

<b>PWX-32001</b>	<b>Input SQL has a where clause but no from clause.</b>
Explanation:	The SQL does not contain a from clause.
System Action:	SQL processing ends.
User Response:	Correct the SQL statement.
<b>PWX-32002</b>	<b>MVS table not on i5/OS. Database type should be AS4 and not DB2.</b>
Explanation:	An attempt was made to access an z/OS system table from an i5/OS system.
System Action:	Processing ends with a table not found error.
User Response:	If you are adding a capture registration on an i5/OS system, ensure that the type is AS4, not DB2, in the registration group.
<b>PWX-32003</b>	<b>Error creating poolid <i>pool_name</i>, rc = <i>return_code</i></b>
Explanation:	An attempt to create a unique memory pool name failed.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32004</b>	<b>Error allocating memory for <i>area_name</i>, rc = <i>return_code</i></b>
Explanation:	An attempt to allocate memory for the specified area name failed.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32005</b>	<b>Invalid DBCB for access method DBAM_DBO</b>
Explanation:	An attempt was made to open a DBCB for the DBAM_DBO access method before a connection was opened.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32006</b>	<b>Invalid DBCB for access method DBAM_DBO</b>
Explanation:	An attempt was made to open a connection for the DBAM_EXEC access method with an invalid DBCB.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with details.
<b>PWX-32007</b>	<b>DB2 Offload: buffer length = <i>length</i>, rows in buffer (arraysize) = <i>rows</i></b>
Explanation:	When DB2 offload processing is active, this message displays shows the actual buffer size required to hold the requested arraysize of data.
System Action:	Processing continues.
User Response:	No response is required.

<b>PWX-32008</b>	<b>DB2 Offload: APPBUFSIZE = <i>length</i>, max rows in buffer (arraysize) = <i>rows</i></b>
Explanation:	When DB2 offload processing is active, this message displays the maximum number of rows that fit in the application buffer.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-32009</b>	<b>DB2 Offload: DB2 Version must be V8 new function mode or above to use DB2 offload</b>
Explanation:	DB2 offload was requested for a DB2 subsystem running at a level previous to DB2 V8 new function mode.
System Action:	Processing ends.
User Response:	Do not use OFFLOAD=Y with DB2 subsystems previous to DB2 V8 new function mode.
<b>PWX-32010</b>	<b>DB2 Offload: Required length <i>length</i> exceeds APPBUFSIZE <i>app</i> - increase APPBUFSIZE or reduce ARRAY_SIZE</b>
Explanation:	During DB2 offload processing, the configured application buffer was too small to contain the data.
System Action:	Processing ends.
User Response:	Perform one of the following actions: <ul style="list-style-type: none"> <li>• Increase the application buffer size by setting the APPBUFSIZE parameter in the PowerExchange client configuration file.</li> <li>• Reduce the ARRAY_SIZE specified on the PowerCenter connection dialog.</li> </ul>
<b>PWX-32011</b>	<b>DB2: the data type&lt;DB2_datatype&gt; &lt;DB2_datatype_name&gt; for column &lt;column_name&gt; is not currently supported.</b>
Explanation:	A DTLDESCRIBE query specified an unsupported column type.
System Action:	Processing ends.
User Response:	Remove the unsupported column from the query. For information about the supported DB2 datatypes, see the <i>PowerExchange Reference Manual</i> .
<b>PWX-32021</b>	<b>dtl_packDb2Data rc=<i>return_code</i>. Already processed <i>count</i> rows. Processing <i>count</i> rows this time.</b>
Explanation:	The Assembler packing routine reported an error.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32022</b>	<b>Packing into the network buffer. DB2 read buffer address <i>address</i>. Size <i>size</i></b>
Explanation:	A buffer of DB2 records caused a failure in the Assembler packing routine. This message provides information about the error.
System Action:	Processing ends.
User Response:	Review message PWX-32021. Then contact Informatica Global Customer Support and provide the information from this message and message PWX-32021.



<b>PWX-32023</b>	<b>Packing in place. DB2 read buffer address <i>address</i>. Size <i>size</i></b>
Explanation:	A buffer of DB2 records caused a failure in the Assembler packing routine. This message provides information about the error.
System Action:	Processing ends.
User Response:	Review message PWX-32021. Then contact Informatica Global Customer Support and provide the information from this message and message PWX-32021.
<b>PWX-32024</b>	<b>Problem nullable column <i>name</i>. Null Indicator Address <i>address</i></b>
Explanation:	A column caused a failure in the Assembler packing routine. This message provides information about the error.
System Action:	Processing ends.
User Response:	Review message PWX-32021. Then contact Informatica Global Customer Support and provide the information from this message and message PWX-32021.
<b>PWX-32025</b>	<b>Problem variable length column <i>name</i>. Maximum Length <i>number</i>. Actual length <i>number</i>. Address <i>address</i></b>
Explanation:	A column caused a failure in the Assembler packing routine. This message provides information about the error.
System Action:	Processing ends.
User Response:	Review message PWX-32021. Then contact Informatica Global Customer Support and provide the information from this message and message PWX-32021.
<b>PWX-32031</b>	<b>CCSID <i>ccsid</i> is not in the DB2CODEPAGE parameter for subsystem <i>subsystem</i>.</b>
Explanation:	The column has a CCSID value that is not specified in any CCSID parameter in the DB2CODEPAGE statement for the subsystem.
System Action:	Processing stops.
User Response:	<p>In the DBMOVER configuration file, add the CCSID value for the column to one of the CCSID parameters in the DB2CODEPAGE statement for the subsystem.</p> <p>If the EBCDIC_CCSID parameters contain valid CCSID values, add the CCSID value for the column to one of the ASCII_CCSID or UNICODE_CCSID parameters in the DB2CODEPAGE statement. Respect the single, double, or mixed length attributes.</p>
<b>PWX-32032</b>	<b>Alias "<i>alias</i>" for CCSID "<i>ccsid</i>" has no corresponding codepage.</b>
Explanation:	When PowerExchange looked up aliases that map CCSID values to internal code page numbers, PowerExchange found no match with the CP alias and the specified CCSID value.
System Action:	Processing stops.
User Response:	<p>To get a list of aliases, run the ICUCHECK utility. You can map a CP alias to the internal code page number of an ICU converter. For more information, see the <i>PowerExchange Utilities Guide</i>.</p> <p>In the DBMOVER configuration file, review the DB2CODEPAGE statement and any ICUALIAS or ICUCONVERTER statements. Correct the DBMOVER statements and rerun. If the problem recurs and the CCSID value is valid, contact Informatica Global Customer Support.</p>

<b>PWX-32033</b>	<b>Alias "<i>alias</i>" for CCSID "<i>EBCDIC_ccsid</i>" has no corresponding codepage. Remapped from CCSID "<i>ASCII_or_UNICODE_ccsid</i>".</b>
Explanation:	PowerExchange remapped an ASCII CCSID value or a UNICODE CCSID value to an EBCDIC CCSID value. When PowerExchange looked up aliases that map EBCDIC CCSID values to internal code page numbers, PowerExchange found no match with the CP alias and the specified CCSID value.
System Action:	Processing stops.
User Response:	<p>To get a list of aliases, run the ICUCHECK utility. You can map a CP alias to the internal code page number of an ICU converter. For more information, see the <i>PowerExchange Utilities Guide</i>.</p> <p>In the DBMOVER configuration file, review the DB2CODEPAGE statement and any ICUALIAS or ICUCONVERTER statements. Correct the DBMOVER statements and rerun. If the problem recurs and the CCSID value is valid, contact Informatica Global Customer Support.</p>
<b>PWX-32034</b>	<b>Unable to determine codepage for database column "<i>column</i>" type "<i>type</i>" returned as "<i>column</i>".</b>
Explanation:	PowerExchange could not determine the code page for the specified column.
System Action:	Processing stops.
User Response:	See the accompanying PWX-32031, PWX-32032, and PWX-32033 error messages.
<b>PWX-32041</b>	<b>Row size <i>row_size</i> exceeds i5/OS maximum memory <i>max_memory</i> bytes</b>
Explanation:	The total size of the selected columns exceeds the maximum amount of contiguous memory that can be allocated on i5/OS. This error might occur if BLOB or CLOB columns are selected.
System Action:	Processing stops.
User Response:	Select less data so that the maximum amount of contiguous memory that can be allocated is not exceeded.
<b>PWX-32042</b>	<b>DB2 buffer size <i>buffer_size</i> exceeds i5/OS maximum memory <i>max_memory</i> bytes. Row size <i>row_size</i>. Array size <i>array_size</i>.</b>
Explanation:	The DB2 buffer size exceeds the maximum contiguous memory that can be allocated on i5/OS. The DB2 buffer size is the product of the total size of the selected columns times the array size. This error might occur if BLOB or CLOB columns are selected and the array size is too large.
System Action:	Processing stops.
User Response:	Reduce the value of the Array Size connection attribute and select less data so that the maximum amount of contiguous memory that can be allocated is not exceeded.
<b>PWX-32043</b>	<b>DB2 column "<i>column_name</i>" buffer size <i>buffer_size</i> exceeds i5/OS maximum memory <i>maximum_memory</i> bytes. Column size <i>column_size</i>. Array size <i>array_size</i>.</b>
Explanation:	The DB2 buffer size exceeds the maximum contiguous memory that can be allocated on i5/OS. The DB2 buffer size is the product of the total size of the selected columns times the array size. This error might occur if BLOB or CLOB columns are selected and the array size is too large.
System Action:	Processing stops.

User Response: Decrement the array size on the connection and select less data so that the maximum amount of contiguous memory that can be allocated is not exceeded.

**PWX-32044      Call to API QSQCHKS failed with error *<error\_message>* : *<error\_text>*.**

Explanation: Internal processing of an SQL statement has failed on a call to check the syntax.

System Action: Processing stops.

User Response: Contact Informatica Global Customer Support to report the error. Specify the reported error message and text.

**PWX-32045      SQL syntax check for statement *<sql\_statement>* in format *sql\_format* failed with error *<error\_message>* : *<error\_text>*.**

Explanation: Internal processing of the specified SQL statement failed during SQL syntax checking.

System Action: Processing stops.

User Response: Contact Informatica Global Customer Support. Report the error message and text that is included in this message.

**PWX-32050      Writing LOB columns is not supported. Mode *mode*. Column "*column\_name*".**

Explanation: PowerExchange cannot write LOB data.

System Action: Processing stops.

User Response: Do not try to write to a table that contains LOB columns.

**PWX-32051      Row size *row\_size* exceeds network maximum *max\_buffer\_size*. Prefix size *prefix\_size*. Columns size *columns\_size*.**

Explanation: The maximum size of column data for a single row could exceed the maximum that can be sent across the network.

System Action: Processing stops.

User Response: Process less data so that the maximum is not exceeded.

**PWX-32052      Row size *row\_size* exceeds network maximum *max\_buffer\_size*. Prefix size *prefix\_size*. Parameters size *parameters\_size*.**

Explanation: The maximum size of parameter data for a single row could exceed the maximum that can be sent across the network.

System Action: Processing stops.

User Response: Process less data so that the maximum is not exceeded.

**PWX-32053      Row size *row\_size* exceeds network maximum *max\_buffer\_size*. Prefix size *prefix\_size*. Columns size *columns\_size*. Parameters size *parameters\_size*.**

Explanation: The maximum size of column and parameter data for a single row could exceed the maximum that can be sent across the network.

System Action: Processing stops.

User Response: Process less data so that the maximum is not exceeded.

<b>PWX-32054</b>	<b>Required record length <i>length</i> exceeds RECFM VB maximum <i>max_length</i>. Largest column '<i>column_name</i>'.</b>
Explanation:	The record length exceeds the maximum record length that can be written to a file that is defined with the RECFM=VB format on z/OS.
System Action:	Processing ends abnormally.
User Response:	PowerExchange cannot write a DB2 loader file for this table.
<b>PWX-32055</b>	<b>No columns found for table '<i>table_name</i>'.</b>
Explanation:	No columns were found for the specified table.
System Action:	Processing ends abnormally.
User Response:	Verify that the table name is valid.
<b>PWX-32056</b>	<b><i>type</i> statement allocated to entry <i>count</i> in statement table.</b>
Explanation:	This message provides diagnostic information for auditing the use of the statement table.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-32057</b>	<b>Statements in use: Fetch: <i>count</i>, Insert: <i>count</i>, Update: <i>count</i>, Delete: <i>count</i>, ExecSQL: <i>count</i>.</b>
Explanation:	This message provides diagnostic information for auditing the use of the DB2 statement table.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-32058</b>	<b><i>type</i> statement removed from entry <i>count</i> in statement table.</b>
Explanation:	This message provides diagnostic information for auditing the use of the DB2 statement table.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-32101</b>	<b>CDC OFFLOAD Error - Open connection failed with return code &lt;<i>return_code</i>&gt;.</b>
Explanation:	The CAPI offload module attempted to open a network connection and failed.
System Action:	Processing ends.
User Response:	To diagnose the problem, view diagnostic information in the local and remote target logs.
<b>PWX-32102</b>	<b>CDC OFFLOAD Error - Open dependent connection failed with return code &lt;<i>return_code</i>&gt;.</b>
Explanation:	The CAPI offload module attempted to open a dependent network connection and failed.
System Action:	Processing ends.
User Response:	To diagnose the problem, view diagnostic information in the local and remote target logs.
<b>PWX-32103</b>	<b>CDC OFFLOAD Error - Describe failed for SQL &lt;<i>SQL_string</i>&gt; with return code &lt;<i>return_code</i>&gt;.</b>
Explanation:	The CAPI offload module attempted to describe the parameter or data SQL and failed.

System Action:	Processing ends.
User Response:	To diagnose the problem, view diagnostic information in the local and remote target logs. Collect the information and contact Informatica Global Customer Support.
<b>PWX-32104</b>	<b>CDC OFFLOAD Error - CAPI_CONNECTION &lt;connection_name&gt; not found in local configuration file.</b>
Explanation:	The CAPI offload module requires that the CAPI_CONNECTION statements for the process are defined in the local PowerExchange configuration file.
System Action:	Processing ends.
User Response:	Add the appropriate CAPI_CONNECTION statements to the local PowerExchange configuration file.
<b>PWX-32105</b>	<b>CDC OFFLOAD Error - The CAPINAME parameter in CAPI_CONNECTION &lt;connection_name&gt; refers back to itself.</b>
Explanation:	The CAPINAME parameter in the CAPI_CONNECTION statement must refer to a different CAPI_CONNECTION.
System Action:	Processing ends.
User Response:	Correct the CAPI_CONNECTION statement in the local PowerExchange configuration file.
<b>PWX-32106</b>	<b>CDC OFFLOAD Error - Unable to initialize parameter translator from local codepage &lt;local_control_code_page&gt; to remote codepage &lt;remote_control_code_page&gt;.</b>
Explanation:	While initializing the control structure used to translate parameters when communicating with the offload node, the CAPI offload module encountered an error.
System Action:	Processing aborts.
User Response:	To determine the reason for the error, review associated messages.
<b>PWX-32107</b>	<b>CDC OFFLOAD Error - Unable to translate parameter from local codepage &lt;local_control_code_page&gt; to remote codepage &lt;remote_control_code_page&gt;.</b>
Explanation:	While attempting to translate a parameter when communicating with the offload node, the CAPI offload module encountered an error.
System Action:	Processing aborts.
User Response:	To determine the reason for the error, review associated messages.
<b>PWX-32108</b>	<b>CDC OFFLOAD Error - Unable to send &lt;object&gt; to remote node. Serialization return code &lt;return_code&gt;.</b>
Explanation:	While serializing CAPI data to send to a remote node, the CAPI offload module encountered an error.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32109</b>	<b>CDC OFFLOAD Error - DBAPI read failed with return codes return_code1/return_code2/return_code3.</b>
Explanation:	While serializing data to send to remote node, the CAPI offload module encountered an error.
System Action:	Processing aborts.

User Response:	Contact Informatica Global Customer Support.
<b>PWX-32110</b>	<b>CDC OFFLOAD Error - Unknown parameter &lt;parameter_name&gt; passed to CAPI offload.</b>
Explanation:	The CAPI offload module received an unknown parameter.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32111</b>	<b>CDC OFFLOAD Error - Required parameter &lt;parameter_name&gt; missing.</b>
Explanation:	The CAPI offload module did not receive a required parameter.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32112</b>	<b>CDC OFFLOAD Error - Unexpected data encountered sending &lt;object&gt; to remote node.</b>
Explanation:	While sending CAPI data to a remote node, the CAPI offload module encountered unexpected data.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32113</b>	<b>CAPOFFLD Info - Initializing CAPI offload proxy. VRM &lt;PWX_version&gt; Build &lt;build&gt; Date &lt;build_date&gt;.</b>
Explanation:	This message is informational.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-32114</b>	<b>CAPOFFLD Info - Initializing CAPI offload stub. VRM &lt;PWX_version&gt; Build &lt;build&gt; Date &lt;build_date&gt;.</b>
Explanation:	This message is informational.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-32115</b>	<b>CDC OFFLOAD Error - Function &lt;function_name&gt; called with invalid dbcb number &lt;dbcb_number&gt;.</b>
Explanation:	An internal error occurred.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-32116</b>	<b>CDC OFFLOAD Error - Module &lt;module_name&gt; line &lt;line_number&gt;: Insufficient memory resources available. Allocation request for &lt;bytes&gt; bytes failed.</b>
Explanation:	The task cannot be completed due to insufficient memory resources.
System Action:	The task that encountered the error ends.
User Response:	Increase the memory resources available to the task. If you cannot resolve the error, contact Informatica Global Customer Support.

<b>PWX-32117</b>	<b>CDC OFFLOAD Error - Expected data not returned from offload node when sending &lt;object&gt;.</b>
Explanation:	Expected CAPI data was not returned from the offload node.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32118</b>	<b>CDC OFFLOAD Error - Expected data not received by offload node.</b>
Explanation:	Expected CAPI data was not received by the offload node.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32119</b>	<b>CDC OFFLOAD Error - Unrecognized request &lt;request&gt; received by offload node.</b>
Explanation:	The offload node received a processing request of an unknown type.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32120</b>	<b>CDC OFFLOAD Error - Unexpected data type &lt;data_type&gt; received while processing request &lt;request&gt; on offload node.</b>
Explanation:	The offload node received unexpected data for the request.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32121</b>	<b>CDC OFFLOAD Error - Required data type &lt;data_type&gt; not returned from subordinate CAPI at offload node. CAPI RC=&lt;return_code&gt;.</b>
Explanation:	The CAPI read on the offload node failed to retrieve the expected data.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32122</b>	<b>CDC OFFLOAD Error - Unexpected Record Type &lt;record_type&gt; returned from subordinate CAPI at offload node.</b>
Explanation:	The CAPI read on the offload node returned an unexpected record type.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32123</b>	<b>CDC OFFLOAD Error - Close failed for offload connection. DBAM RC=&lt;return_code&gt;.</b>
Explanation:	The CAPI offload module attempted to close the connection to the peer node and failed.
System Action:	Processing ends.
User Response:	For more diagnostic information, view the local log or the log at the remote peer. Collect the information and contact Informatica Global Customer Support.
<b>PWX-32124</b>	<b>CAPOFFLD Warning - Open task DBCB failed with return code &lt;return_code&gt;.</b>
Explanation:	During shutdown processing the attempt to communicate the shutdown to the remote peer failed.

System Action:	The task shuts down.
User Response:	To diagnose the problem, view diagnostic information in the local and remote target logs.
<b>PWX-32125</b>	<b>CAPOFFLD Warning - Execute task DBCB failed with return code &lt;return_code&gt;.</b>
Explanation:	During shutdown processing, the attempt to communicate the shutdown to the remote peer failed.
System Action:	The task shuts down.
User Response:	To diagnose the problem, view diagnostic information in the local and remote target logs.
<b>PWX-32126</b>	<b>CAPOFFLD Warning - End of data stream not received from peer task within in the allotted time (10 Seconds).</b>
Explanation:	During shutdown processing, the remote peer failed to return end of file.
System Action:	The task shuts down.
User Response:	To diagnose the problem, view diagnostic information in the local and remote target logs.
<b>PWX-32127</b>	<b>CDC OFFLOAD Error - GenRestart read call returned an unexpected return code. RC=&lt;return_code&gt;.</b>
Explanation:	During genrestart processing, the read at the peer node encountered an unexpected condition.
System Action:	Processing ends.
User Response:	More diagnostic information might appear in the log locally or at the remote peer. Collect the information and contact Informatica Global Customer Support.
<b>PWX-32128</b>	<b>CDC OFFLOAD Error - CAPI Connection definition for &lt;source&gt; not found local PowerExchange configuration file.</b>
Explanation:	Offload processing for CDC sources requires that CAPI connections be defined locally. Processing ends.
System Action:	Add the CAPI_CONNECTION statement to the local PowerExchange configuration file.
<b>PWX-32129</b>	<b>CDC OFFLOAD Error - DBAPI presence call failed with return codes return_code1/return_code2/return_code3.</b>
Explanation:	While serializing data to send to the offload peer, the CAPI offload module encountered an error.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32130</b>	<b>CDC OFFLOAD Error - Set Timeout call failed with return code return_code.</b>
Explanation:	While serializing data to send to the offload peer, the CAPI offload module encountered an error.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.



<b>PWX-32131</b>	<b>CDC OFFLOAD Error - Required data type <i>&lt;data_type&gt;</i> not returned from offload peer.</b>
Explanation:	The serialization record did not contain the expected data.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32132</b>	<b>CDC OFFLOAD Error - Failed to serialize any data to buffers. Requested <i>&lt;bytes_requested&gt;</i>. Available <i>&lt;bytes_available&gt;</i>.</b>
Explanation:	The space required to serialize the record data exceeds the buffer size of the application.
System Action:	Processing aborts.
User Response:	Increase the APPBUFSIZE parameter in the PowerExchange configuration file.
<b>PWX-32133</b>	<b>CDC OFFLOAD Error - ORAD connection <i>connection_name</i> requires ORACLE_CAPTURE_TYPE=D in the offload peer dbmover configuration file.</b>
Explanation:	When you use an ORAD CAPI_CONNECTION and either offload column-level processing from a remote PowerExchange Listener or use the PowerExchange Logger for Linux, UNIX, or Windows to log change data from a remote PowerExchange Listener, the ORACLE_CAPTURE_TYPE statement must be set to D in the dbmover.cfg file on the peer system where the PowerExchange Listener runs.
System Action:	PowerExchange CDC processing ends abnormally.
User Response:	In the dbmover configuration file on the peer system, enter the ORACLE_CAPTURE_TYPE statement with a value of D.
<b>PWX-32134</b>	<b>CDC OFFLOAD Start - first registration <i>&lt;registration_name&gt;</i> of <i>&lt;registration_count&gt;</i> restart <i>&lt;restart_rba&gt;</i>.</b>
Explanation:	<p>If you offload column-level processing, or if you relog data from a z/OS or i5/OS system to a remote PowerExchange Logger for Linux, UNIX, and Windows instance, this message indicates the first registration of interest and restart RBA that the extraction process or remote PowerExchange Logger uses to start processing change records.</p> <p>The message includes the following variables:</p> <ul style="list-style-type: none"> <li>• <i>registration_name</i> is the registration tag name of the first registration.</li> <li>• <i>registration_count</i> is the number of active registrations for the source.</li> <li>• <i>restart_rba</i> is the RBA at which the extraction session or PowerExchange Logger for Linux, UNIX, and Windows instance begins reading changes.</li> </ul>
System Action:	CDC processing continues.
User Response:	No response is required. Use this message to monitor CDC sessions that use offloading or remote logging.
<b>PWX-32135</b>	<b>CDC OFFLOAD Request <i>&lt;request_type&gt;</i> cannot be processed while actively reading data.</b>
Explanation:	An internal error occurred. A CAPI request was received that cannot be processed while the interface is actively reading data.
System Action:	The CAPI request is ignored. Processing continues.
User Response:	No response is required. This message is intended for use by Informatica personnel for troubleshooting.

<b>PWX-32136</b>	<b>CDC OFFLOAD Error - Set Version call failed with return code <i>return_code</i>.</b>
Explanation:	PowerExchange encountered a CDC OFFLOAD error when serializing change data to send to a remote PowerExchange Logger for Linux, UNIX, and Windows.
System Action:	CDC processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32150</b>	<b>CAPI Error - Unknown parameter <i>&lt;parameter_name&gt;</i> passed to CAPI.</b>
Explanation:	An unknown parameter was passed to the CAPI module.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32200</b>	<b>API Open invalid for statement not under shared connection</b>
Explanation:	An attempt has been made to open a statement using connection sharing, but a connection has not been established.
System Action:	Processing ends.
User Response:	Ensure that the statement is associated with a connection for which connection sharing is active.
<b>PWX-32201</b>	<b>API Open - Connection sharing environment not active</b>
Explanation:	An attempt has been made to open a statement using connection sharing, but the connection sharing environment is not active.
System Action:	Processing ends.
User Response:	Ensure that the statement is associated with a connection for which connection sharing is active.
<b>PWX-32202</b>	<b>Connection sharing network error: channel <i>channel</i>, subchannel <i>subchannel</i></b>
Explanation:	The channel or subchannel does not correspond to an active statement on the connection.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32203</b>	<b>Connection sharing does not support <i>request</i> request</b>
Explanation:	A shared connection does not support the attempted request.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32204</b>	<b>Network error: <i>rsc return_code_1/return_code_2/return_code_3</i> following <i>request</i> request to <i>location</i></b>
Explanation:	PowerExchange encountered a network error while processing the request.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-32205</b>	<b>Network receive error for file ? - No user Data returned, rcs return_code_1/return_code_2/return_code_3</b>
Explanation:	No data was received from the PowerExchange Listener in response to a request.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32206</b>	<b>Remote request request failed at location location - rcs return_code_1/return_code_2/return_code_3</b>
Explanation:	No data was received from the PowerExchange Listener in response to a request.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32207</b>	<b>Invalid network structure type type found at address address</b>
Explanation:	PowerExchange found an unidentifiable message type in the network buffer.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32208</b>	<b>Network data does not correlate with active data request</b>
Explanation:	PowerExchange received valid network data, but not for an active data request.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32501</b>	<b>The Service attempted to subscribe to a Command Handler a second time.</b>
Explanation:	A command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process can receive input commands from only one instance of a pwxcmd command handler.
System Action:	The pwxcmd command handler ignores the additional subscription. Processing continues.
User Response:	No response is required.
<b>PWX-32503</b>	<b>Command Handler initialization complete, listening on port port_number.</b>
Explanation:	The pwxcmd command handler initialization completed without errors.
System Action:	The pwxcmd command handler listens for commands on the specified port number. Processing continues.
User Response:	No response is required.
<b>PWX-32504</b>	<b>The Command Handler encountered an internal error.</b>
Explanation:	The pwxcmd command handler encountered an internal error while processing a command.
System Action:	Depending on the error, processing might continue.
User Response:	No response is required.

<b>PWX-32505</b>	<b>Data Model validation failed.</b>
Explanation:	The pwxcmd command handler received an invalid response from a command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
System Action:	The pwxcmd command handler discards the invalid response. Processing continues.
User Response:	No response is required.
<b>PWX-32506</b>	<b>Command Handler initialization failed.</b>
Explanation:	The pwxcmd command handler failed to initialize.
System Action:	The pwxcmd command is not processed.
User Response:	Contact Informatica Global Customer Support. Provide information about the function being performed at the time of the error.
<b>PWX-32507</b>	<b>The program attempted an invalid action.</b>
Explanation:	The pwxcmd command handler encountered an internal error while processing a command.
System Action:	Depending on the error, processing might continue.
User Response:	No response is required.
<b>PWX-32508</b>	<b>Unable to suppress signals: check POSIX(ON) is set.</b>
Explanation:	The system was unable to suppress signals.
System Action:	Processing continues.
User Response:	Verify that the PowerExchange Listener is running with POSIX(ON).
<b>PWX-32530</b>	<b>A message was received on an unexpected communications channel.</b>
Explanation:	The pwxcmd command handler received a request from an unexpected source.
System Action:	The pwxcmd command handler ignores the request. Processing continues.
User Response:	No response is required.
<b>PWX-32531</b>	<b>The command handler failed to add a reference to the PWXCMD connection.</b>
Explanation:	While processing a message, the pwxcmd command handler tried, but failed, to add a reference to a connection to keep the connection open.
System Action:	The pwxcmd command handler ignores the request. Processing continues.
User Response:	No response is required.
<b>PWX-32532</b>	<b>An incoming connection contained an invalid Service type. Connection to Service service refused.</b>
Explanation:	A command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process received a request from a client to open a channel. However, the client specified an incorrect service type.
System Action:	The PowerExchange command-handling service rejects the channel request. Processing continues.

User Response:	Review the CMDNODE statement in the DBMOVER configuration file. Verify that the service type matches the service type of the PowerExchange command-handling service that is listening on the remote machine. Valid service types are LISTENER and CONDENSE.
<b>PWX-32533</b>	<b>The Service name or type is not available to the PWXCMD command handler. PWXCMD input is disabled.</b>
Explanation:	A PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process tried to start a pwxcmd command handler but failed to provide the service name or service type.
System Action:	The pwxcmd command input is disabled. Processing continues.
User Response:	Verify that the PowerExchange process was correctly configured to receive pwxcmd commands.
<b>PWX-32534</b>	<b>The Service node is not available to the PWXCMD command handler. PWXCMD input is disabled.</b>
Explanation:	A PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows service tried to start a pwxcmd command handler but did not find a SVCNODE entry that matched the service name in the DBMOVER configuration file.
System Action:	The pwxcmd command input is disabled. Processing continues.
User Response:	Verify that the PowerExchange process was correctly configured to receive pwxcmd commands.
<b>PWX-32535</b>	<b>The Service node port <i>port_number</i> is already in use (<i>function,return_code</i>). PWXCMD input is disabled.</b>
Explanation:	The service that is associated with the PowerExchange process that is the target of a pwxcmd command cannot start a command handler because the port specified by the SVCNODE statement in dbmover.cfg configuration file is already in use. This message reports the function that reported this error and its return code for diagnostic purposes.
System Action:	Input to the pwxcmd program is disabled. Processing continues.
User Response:	Verify that the service is correctly configured for pwxcmd command processing.
<b>PWX-32550</b>	<b>Unable to extract the command from a data model.</b>
Explanation:	A PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows service could not extract a recognized command from the data model that it received.
System Action:	The pwxcmd command handler processing continues.
User Response:	No response is required.
<b>PWX-32551</b>	<b>Command <i>command</i> not recognized.</b>
Explanation:	A command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process did not recognize the specified command.
System Action:	The pwxcmd command handler processing continues.
User Response:	No response is required.

<b>PWX-32552</b>	<b>Failed to process PWXCMD command. See log for details.</b>
Explanation:	While processing a command, a command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process encountered an error.
System Action:	The pwxcmd command handler processing continues.
User Response:	For details, see the log for the PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
<b>PWX-32553</b>	<b>Failed to convert a PWXCMD command to the local code page.</b>
Explanation:	A command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process encountered an error while processing a pwxcmd command.
System Action:	The pwxcmd command is ignored. Processing continues.
User Response:	For details, see the log for the PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
<b>PWX-32554</b>	<b>Failed to convert a PWXCMD response from the local code page.</b>
Explanation:	While processing a response to a pwxcmd command, a command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process encountered an error.
System Action:	The command-handling service for the PowerExchange process discards the command response and returns an error.
User Response:	For details, see the log for the PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
<b>PWX-32555</b>	<b>The command <i>command_name</i> does not recognize the argument 'argument'.</b>
Explanation:	The PowerExchange Listener, Logger, or Condense Service does not recognize the specified command argument.
System Action:	Processing continues.
User Response:	No response is required. To run the command, ensure that it matches the correct command syntax in the <i>Command Reference</i> .
<b>PWX-32600</b>	<b>Command Handler communications initialization failed.</b>
Explanation:	An internal error occurred.
System Action:	The pwxcmd command processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32601</b>	<b>Command Handler failed to create a connection to <i>remote_service</i>.</b>
Explanation:	The pwxcmd command handler failed to establish communication with the specified command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
System Action:	The pwxcmd command processing ends.

User Response:	<p>Verify the following:</p> <ul style="list-style-type: none"> <li>• The CMDNODE statement in the dbmover.cfg on the machine where you issued the command specifies the correct node name and port for the specified PowerExchange process.</li> <li>• The PowerExchange process that is the target of the pwxcmd command is operational.</li> <li>• When the PowerExchange process that is the target of the pwxcmd command was initialized, the command handler service started.</li> </ul> <p>If you cannot determine the cause of the failure, contact Informatica Global Customer Support.</p>
<b>PWX-32602</b>	<b>Command Handler failed to create a channel to <i>remote_service</i>.</b>
Explanation:	The pwxcmd command handler failed to create a channel to the specified remote command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
System Action:	The pwxcmd command ends.
User Response:	Verify the status of the remote PowerExchange process.
<b>PWX-32603</b>	<b>Command Handler failed to send a message to <i>remote_service</i>.</b>
Explanation:	The pwxcmd command handler failed to send a message to the specified remote command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
System Action:	The pwxcmd command handler processing ends.
User Response:	Verify the status of the remote PowerExchange process.
<b>PWX-32604</b>	<b>Command Handler failed to receive a reply from <i>remote_service</i>.</b>
Explanation:	The pwxcmd command handler failed to receive a reply from the specified remote command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
System Action:	The pwxcmd command handler processing ends.
User Response:	Verify the status of the remote PowerExchange process.
<b>PWX-32605</b>	<b>No command node entry for service <i>remote_service</i> in config file.</b>
Explanation:	The pwxcmd command handler did not find a CMNNODE entry in the DBMOVER configuration file for the specified remote command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process.
System Action:	The pwxcmd command handler processing ends.
User Response:	Review the CMDNODE entries in the DBMOVER configuration file.
<b>PWX-32606</b>	<b>Command Handler channel creation refused by <i>remote_service</i>.</b>
Explanation:	The specified remote command-handling service for a PowerExchange Listener, PowerExchange Condense, or PowerExchange Logger for Linux, UNIX, and Windows process refused to allow communication.
System Action:	Processing ends.

User Response: In the local DBMOVER configuration file, review the CMDNODE entry and verify that the service type matches the service type of the service that uses the port on the remote machine, as specified in the SVCNODE entry in the remote DBMOVER configuration file.

**PWX-32610      Type "pwxcmd -help" for command syntax.**

Explanation: A pwxcmd command was issued, but it was missing a required parameter.

System Action: The pwxcmd command processing ends.

User Response: Issue the command again with the required parameter.

**PWX-32611      Type "pwxcmd -help" for available commands.**

Explanation: A pwxcmd command was issued, but it was an unrecognized command.

System Action: The pwxcmd command processing ends.

User Response: Issue a valid pwxcmd command.

**PWX-32612      Response from command "command" executed at service "remote\_service"**

Explanation: A response was received from the specified pwxcmd command for the specified service.

System Action: The pwxcmd command processing continues.

User Response: No response is required.

**PWX-32613      Return code *return\_code* was received from command "command" executed at service "remote\_service"**

Explanation: The specified return code was received from the specified pwxcmd command for the specified service.

System Action: The pwxcmd command processing continues.

User Response: No response is required.

**PWX-32614      The pwxcmd program is deprecated but still works. Use infacmd pwx to manage PowerExchange application services.**

Explanation: A command was issued through the pwxcmd program to control a PowerExchange process that is managed by a PowerExchange application service. The pwxcmd program is deprecated but still supported.

System Action: PowerExchange processes the pwxcmd command.

User Response: To issue commands to PowerExchange processes that are managed by a PowerExchange application service, use the infacmd pwx program instead of the pwxcmd program. For more information about the infacmd pwx program, see the *Informatica Command Reference*.

**PWX-32700      The main task for the PowerExchange Listener failed to launch.**

Explanation: On z/OS, the DTLST task for the PowerExchange Listener failed. The most common cause of the failure is a configuration error in the DBMOVER configuration file. Other possible reasons for the failure might be insufficient memory, missing libraries in the installation, or insufficient permissions on a library file.

System Action: The PowerExchange Listener cannot start.

User Response: Review your PowerExchange Listener configuration in the DBMOVER configuration file. If you cannot correct the problem, contact Informatica Global Customer Support.



<b>PWX-32701</b>	<b>The command handler task for the PowerExchange Listener failed to launch.</b>
Explanation:	The command handler task for the PowerExchange Listener failed. The most common cause of the failure is a configuration error in the DBMOVER configuration file. Other possible reasons for the failure might be insufficient memory, missing libraries in the installation, or insufficient permissions on a library file.
System Action:	The PowerExchange Listener cannot start.
User Response:	Review your PowerExchange Listener configuration in the DBMOVER configuration file. If you cannot correct the problem, contact Informatica Global Customer Support.
<b>PWX-32702</b>	<b>The main task for the PowerExchange Logger failed to launch.</b>
Explanation:	The PowerExchange Logger main task did not start.
System Action:	The PowerExchange Logger cannot start.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32750</b>	<b>A client process failed to send a data model to its server process.</b>
Explanation:	An internal error occurred. Some PowerExchange processes communicate by sending and receiving data models, and a send operation failed.
System Action:	Depending on the content of the data, the system might be able to continue processing. If the data was critical, processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32753</b>	<b>Failed to deserialize a data model.</b>
Explanation:	An internal error occurred. Some PowerExchange processes communicate by sending and receiving data models, and the recipient must construct a data model from a stream of received bytes. A deserialization operation failed.
System Action:	Depending on the content of the data, the system might be able to continue processing. If the data was critical, processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32754</b>	<b>Failed to build data model.</b>
Explanation:	An internal error occurred. A process tried to build a data model, but the operation failed.
System Action:	Depending on the content of the data, the system might be able to continue processing. If the data was critical, processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32755</b>	<b>Failed to parse a data model.</b>
Explanation:	An internal error occurred. A process tried to parse a data model, but this operation failed. This error can occur when the PowerExchange ISP server processes a remote procedure call command from a client, or when a client processes a reply from the PowerExchange ISP server.
System Action:	Depending on the content of the data, the system might be able to continue processing. If the data was critical, processing ends.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-32760</b>	<b>Request to receive a data model failed.</b>
Explanation:	An internal error occurred. Some PowerExchange processes communicate by sending and receiving data models, and a recipient waiting to receive a data model failed. This error can occur when a caller process ends and closes the communication mechanism, which causes the receiver to fail on its receive call.
System Action:	Processing continues. Communication between processes might be affected.
User Response:	No response is required.
<b>PWX-32761</b>	<b>Request to receive a data model timed out.</b>
Explanation:	An internal error occurred. Some PowerExchange processes communicate by sending and receiving data models, and the recipient waiting to receive a data model timed out.
System Action:	Processing continues. Communication between processes might be affected.
User Response:	No response is required.
<b>PWX-32800</b>	<b>The PowerExchange ISP Service encountered an internal error.</b>
Explanation:	An internal error occurred.
System Action:	Depending on the content of the data, the system might be able to continue processing. If the data was critical, processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32801</b>	<b>The PowerExchange ISP Server encountered an internal error.</b>
Explanation:	An internal error occurred. PowerExchange ISP supports remote procedure calls from child processes, but the server that listens for calls failed.
System Action:	Processing continues. Communication between processes might be affected.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32830</b>	<b>A remote procedure call to the PowerExchange ISP Server returned an error</b>
Explanation:	An internal error occurred. PowerExchange ISP supports remote procedure calls from a child process. The server encountered an error processing the RPC request and returned an error code to the child process.
System Action:	Processing continues. Communication between processes might be affected.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32831</b>	<b>The PowerExchange ISP Server encountered an error receiving a remote procedure call.</b>
Explanation:	An internal error occurred. PowerExchange ISP supports remote procedure calls from a child process. The server encountered an error receiving an RPC request. This error can occur when a client process ends and closes the RPC message transport.
System Action:	The server thread monitoring this connection ends. No further messages are received from the client on the closed connection. Otherwise, processing continues.
User Response:	No response is required.

<b>PWX-32832</b>	<b>The PowerExchange ISP Client encountered an error receiving the reply to a remote procedure call.</b>
Explanation:	An internal error occurred. PowerExchange ISP supports remote procedure calls from a child process. The client made a call but could not receive the reply from the PowerExchange ISP Server.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32850</b>	<b>Communication channel to PowerExchange Service unexpectedly closed.</b>
Explanation:	An internal error occurred. A PowerExchange Process detected a communications failure with its PowerExchange Service.
System Action:	For Type 1 services, the PowerExchange Process ends. If you have the PowerCenter high availability option and have configured a backup node, the service fails over to a backup node.  For Type 2 services, the PowerExchange Process continues processing. If you have the PowerCenter high availability option and have configured a backup node, the PowerExchange Process reconnects with the service when the service fails over to a backup node.
User Response:	No response is required.
<b>PWX-32851</b>	<b>Heartbeat from PowerExchange Service timed out. Closing down.</b>
Explanation:	The PowerExchange Process has timed out waiting for a heartbeat message from the PowerExchange Service.
System Action:	The PowerExchange Process terminates. If you have the PowerCenter high availability option and you configured a backup node for the PowerExchange Service, the service fails over to the backup node.
User Response:	No response is required.
<b>PWX-32900</b>	<b>The PowerExchange heartbeat message sender has failed to start.</b>
Explanation:	To remain synchronized, a PowerExchange service periodically sends a heartbeat message while running. This heartbeat mechanism has failed to start.
System Action:	The PowerExchange service terminates. The Informatica domain controller tries to restart the failed service.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32901</b>	<b>The PowerExchange heartbeat message has failed</b>
Explanation:	To remain synchronized, a PowerExchange service periodically sends a heartbeat message while running. This heartbeat mechanism has detected a problem.
System Action:	The PowerExchange service terminates. The Informatica domain controller tries to restart the failed service.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32902</b>	<b>The PowerExchange heartbeat message sender has failed to initialize.</b>
Explanation:	To remain synchronized, a PowerExchange service periodically sends a heartbeat message while running. This heartbeat mechanism has failed to initialize.

System Action:	The PowerExchange service terminates. The Informatica domain controller tries to restart the failed service.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-32903</b>	<b>The PowerExchange service has failed to notify the domain of closedown.</b>
Explanation:	A PowerExchange Listener or Logger service notifies the Informatica domain when it closes. This notification call has failed.
System Action:	The PowerExchange service continues to close.
User Response:	No response is required.
<b>PWX-32904</b>	<b>The PowerExchange service has failed to connect to the Informatica domain.</b>
Explanation:	A PowerExchange Listener or Logger service has been enabled but has failed to connect to the Informatica domain and cannot continue running.
System Action:	The PowerExchange service terminates. The Informatica domain controller tries to restart the failed service.
User Response:	Contact Informatica Global Customer Support.

## PWX-33000 to PWX-33999

<b>PWX-33001</b>	<b>Please confirm cold start (Y/N) (DATACOM capture).</b>
Explanation:	Because restart information is not available from the PowerExchange Logger or PowerExchange Agent, the Datacom ECCR cannot warm start. PowerExchange prompts you to confirm or deny a cold start.
System Action:	The system waits for a reply.
User Response:	Enter Y to confirm the cold start. Enter N to stop the cold start.
<b>PWX-33002</b>	<b>Cold start denied by operator (DATACOM capture).</b>
Explanation:	A reply of N was received in response to message PWX-33001.
System Action:	Datacom ECCR processing ends.
User Response:	No response is required.
<b>PWX-33003</b>	<b>Collector closing down (DATACOM Capture)</b>
Explanation:	The Datacom table-based ECCR is closing.
System Action:	Datacom ECCR processing ends.
User Response:	No response is required.
<b>PWX-33004</b>	<b>Initialization failed, awaiting termination. (DATACOM capture)</b>
Explanation:	The Datacom table-based ECCR is closing.
System Action:	Datacom table-based ECCR processing ends.

User Response:	For additional information, review the ECCR output. Correct the error and run the request again.
<b>PWX-33005</b>	<b>Read DATACOM Stream routine failed. Additional info: RC= <i>return_code</i> (DATACOM capture)</b>
Explanation:	During an attempt to access the Datacom streams, an error occurred.
System Action:	Datacom table-based ECCR processing ends.
User Response:	For more information, review the ECCR output. Correct the error and run the request again.
<b>PWX-33006</b>	<b>Datacom database open successful. dbid=<i>database_id</i></b>
Explanation:	This message reports that PowerExchange opened a connection to the specified Datacom database.
User Response:	No response is required.
<b>PWX-33007</b>	<b>Datacom database close successful. dbid=<i>database_id</i></b>
Explanation:	This message reports that PowerExchange closed a connection to the specified Datacom database.
User Response:	No response is required.
<b>PWX-33010</b>	<b>DTLCCDCR shutting down having read to .....</b>
Explanation:	The Datacom table-based ECCR is shutting down.
System Action:	Datacom ECCR processing ends.
User Response:	No response is required.
<b>PWX-33011</b>	<b>Error Matching UOWs. Additional info: <i>function_name</i> No matching UOW found Returning with RC=<i>return_code</i> (DATACOM capture)</b>
Explanation:	A corresponding unit of work (UOW) was not found for an update.
System Action:	Datacom ECCR processing ends.
User Response:	For more information, review the ECCR output. Correct the error and run the request again.
<b>PWX-33032</b>	<b>CCDCR: either STREAMID or MUF must be specified in the capture parms</b>
Explanation:	A STREAMID or MUF identifier must be specified in the Datacom ECCR configuration file.
System Action:	ECCR processing ends.
User Response:	Add the STREAMID or MUF parameter to the capture parameters.
<b>PWX-33201</b>	<b>CCLWTR: Fatal error - Invalid null sequence token encountered. Caller=<i>caller_id</i>.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows encountered a null sequence token, which is invalid and resulted in a fatal error.
System Action:	PowerExchange Logger processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33202</b>	<b>CCLWTR: Fatal error - Invalid null restart token encountered. Caller=<i>caller_id</i>.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows encountered a null restart token, which is invalid and resulted in a fatal error.

System Action: PowerExchange Logger processing ends abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-33205 CCLWTR: No ERT record found for registration tag=<tag\_name>**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows did not find an ERT record in the ERT list for the specified registration tag. Consequently, a fatal error occurred.

System Action: PowerExchange Logger processing ends abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-33208 CCLWTR: Fatal error - Invalid control block <control\_block> encountered at pgmline**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows encountered an invalid or corrupted control block, which resulted in a fatal error.

System Action: PowerExchange Logger processing ends abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-33221 CCLWTR closing after a SHUTDOWN request.**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows Writer task is ending because a SHUTDOWN request has been received.

System Action: PowerExchange Logger processing ends.

User Response: No response is required.

**PWX-33222 CCLWTR closing after a successful batch run.**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows Writer task is closing because it has successfully processed the available source data during a batch run.

System Action: PowerExchange Logger processing ends.

User Response: No response is required.

**PWX-33224 CCLWTR closing after an error reading source data.**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows Writer task is closing because it encountered an error when reading source data.

System Action: PowerExchange Logger processing ends abnormally.

User Response: For more information about the problem, review the previous messages in the message log.

**PWX-33226 CCLWTR: Fsync for file <file\_name> failed. Return code = <return\_code>: <reason>**

Explanation: An attempt to synchronize records to the specified file failed. This problem is usually caused by an I/O error.

System Action: The PowerExchange Logger for Linux, UNIX, and Windows ends abnormally.

User Response: Correct the problem described in the message and start the PowerExchange Logger for Linux, UNIX, and Windows again.

**PWX-33228 Unrecognized reply "character". Not "Y" or "N".**

Explanation: A reply was received which was not Y or N.

System Action: The PowerExchange Logger for Linux, UNIX, and Windows repeats the message that requests a reply of either Y or N.

User Response: Enter Y to allow PowerExchange Logger processing to continue, or enter N to stop the PowerExchange Logger.

**PWX-33230 CCLWTR: Error "*number*" setting CAPI Low Water Mark.**

Explanation: The PowerExchange Logger for Linux, UNIX, and Windows encountered an error while setting the CAPI low watermark.

System Action: PowerExchange Logger processing ends abnormally.

User Response: For more information about the problem, review the previous messages in the message log.

**PWX-33231 Zero sequence token specified. Cold start at the earliest data stream file position**

Explanation: After a cold start, the PowerExchange Logger for Linux, UNIX, and Windows begins collecting data at the earliest position in the change stream because the sequence token is comprised of all zeros.

System Action: PowerExchange Logger processing continues.

User Response: If you set the PROMPT parameter to Y in the pwxcl.cfg configuration file, or accepted the default value of Y, you must enter Y at the confirmation prompt in message PWX-33236 to confirm the cold start position.

**PWX-33232 No tokens specified. Cold start at the current data stream file position**

Explanation: After a cold start, the PowerExchange Logger for Linux, UNIX, and Windows begins collecting data at the current end of log.

System Action: PowerExchange Logger processing continues.

User Response: If you set the PROMPT parameter to Y in the pwxcl.cfg configuration file, or accepted the default value of Y, you must enter Y at the confirmation prompt in message PWX-33236 to confirm the cold start position.

**PWX-33233 Sequence token "*hexadecimal\_token*".**

Explanation: This message reports the hexadecimal value of a sequence token.

System Action: PowerExchange Logger for Linux, UNIX, and Windows processing continues.

User Response: No response is required.

**PWX-33234 Restart token "*hexadecimal\_token*".**

Explanation: This message reports the hexadecimal value of a restart token.

System Action: PowerExchange Logger for Linux, UNIX, and Windows processing continues.

User Response: No response is required.

**PWX-33235 Cold start at the data stream file position specified in the tokens**

Explanation: The start position in the change stream from which the PowerExchange Logger for Linux, UNIX and Windows begins collecting data after a cold start is specified by the sequence token and restart token. These token values are logged in the messages PWX-33233 and PWX-33234.

System Action: PowerExchange Logger for Linux, UNIX, and Windows processing continues.

User Response:	If you set the PROMPT parameter to Y in the pwxcl.cfg configuration file, or accepted the default value of Y, you must enter Y at the confirmation prompt in message PWX-33236 to confirm the cold start position.
<b>PWX-33236</b>	<b>Type Y to confirm the cold start position or N to terminate the CCL logger</b>
Explanation:	This message prompts you to confirm the change stream position from which the PowerExchange Logger for Linux, UNIX, and Windows begins collecting data after the cold start. This prompt is displayed because the PROMPT parameter in the pwxcl.cfg file is set to Y.
System Action:	The system waits for you to enter Y or N as stdin input.
User Response:	Enter Y to continue PowerExchange Logger cold start processing, or enter N to terminate the PowerExchange Logger.
<b>PWX-33237</b>	<b>Cold start declined</b>
Explanation:	A reply of N was entered at the user prompt for confirming the change stream position for the PowerExchange Logger for Linux, UNIX, and Windows cold start. This reply declines the cold start position.
System Action:	The PowerExchange Logger does not cold start.
User Response:	No response is required.
<b>PWX-33238</b>	<b>Cold start accepted</b>
Explanation:	A reply of Y was entered at the user prompt for confirming the change stream position for the PowerExchange Logger for Linux, UNIX, and Windows cold start. This reply accepts the cold start position.
System Action:	The PowerExchange Logger continues cold start processing.
User Response:	No response is required.
<b>PWX-33239</b>	<b>CCLWTR: No prior restart information available and COLDSTART=Y not specified.</b>
Explanation:	An attempt was made to start the PowerExchange Logger for Linux, UNIX, and Windows without COLDSTART=Y parameter when the CDCT file contains no restart information.
System Action:	The PowerExchange Logger fails to start.
User Response:	If you are starting the PowerExchange Logger for the first time, or if you previously tried to cold start the PowerExchange Logger but startup failed before PowerExchange read any data from the source, start the PowerExchange Logger again with the COLDSTART=Y parameter.
<b>PWX-33240</b>	<b>CCLWTR: Error "<i>number</i>" preparing CAPI Low Water Mark.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows encountered an error while preparing the CAPI low watermark (LWM).
System Action:	PowerExchange Logger processing ends abnormally.
User Response:	For more information about the error, review the previous messages.



<b>PWX-33242</b>	<b>Type Y to confirm the warm start position or N to terminate the CCL logger</b>
Explanation:	This message prompts you to confirm the change stream position from which the PowerExchange Logger for Linux, UNIX, and Windows begins collecting data after the warm start. This prompt is displayed because the PROMPT parameter is set to Y in the pwxccl.cfg file.
System Action:	The system waits for you to enter Y or N as stdin input.
User Response:	Enter Y to continue PowerExchange Logger warm start processing, or enter N to terminate the PowerExchange Logger.
<b>PWX-33243</b>	<b>Warm start declined</b>
Explanation:	A reply of N was entered at the user prompt for confirming the change stream position for the PowerExchange Logger for Linux, UNIX, and Windows warm start. This reply declines the warm start position.
System Action:	The PowerExchange Logger does not warm start.
User Response:	No response is required.
<b>PWX-33244</b>	<b>Warm start accepted</b>
Explanation:	A reply of Y was entered at the user prompt for confirming the change stream position for the PowerExchange Logger for Linux, UNIX, and Windows warm start. This reply accepts the warm start position.
System Action:	The PowerExchange Logger continues warm start processing.
User Response:	No response is required.
<b>PWX-36246</b>	<b>CCLWTR: Received LWM prepared response and no file switch pending.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows received an unexpected low watermark (LWM) prepared response.
System Action:	PowerExchange Logger processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33247</b>	<b>CCLWTR closing after STOP_AT_SEQUENCE_TOKEN reached</b>
Explanation:	PowerExchange Logger for Linux, UNIX, and Windows processing reached the sequence token that is specified in STOP_AT_SEQUENCE_TOKEN internal parameter.
System Action:	The PowerExchange Logger Writer task stops.
User Response:	No response is required.
<b>PWX-33248</b>	<b>CCLWTR closing after STOP_AT_SEQUENCE_TOKEN exceeded. Token=<i>hexadecimal_token_value</i></b>
Explanation:	PowerExchange Logger for Linux, UNIX, and Windows processing has exceeded the sequence token that is specified in the STOP_AT_SEQUENCE_TOKEN internal parameter.
System Action:	The PowerExchange Logger Writer task stops.
User Response:	No response is required.

<b>PWX-33250</b>	<b>pxwcl started as a foreground process. pid="<i>number</i>". cold start="{Y N}"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was started as a foreground process. This message reports its process ID (PID) and indicates whether a cold start was performed.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33251</b>	<b>pxwcl started as a background process. pid="<i>process_ID</i>". cold start="{Y N}"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was started as a background process. This message reports its process ID (PID) and indicates whether a cold start was performed.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33252</b>	<b>pxwcl started as an ISP process. pid="<i>process_ID</i>". cold start="{Y N}"</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was started as a PowerExchange Logger Service. This message reports its process ID (PID) and indicates whether a cold start was performed.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33253</b>	<b>User prompting to confirm a cold or warm start positions is not possible</b>
Explanation:	Because the PROMPT parameter is set to Y in the pxwcl.cfg configuration file, the PowerExchange Logger for Linux, UNIX, or Windows attempts to display a user prompt for confirming the change stream position from which to cold start or warm start. However, the user prompt cannot be displayed because the PowerExchange Logger is running as a background process or a PowerExchange Logger Service.
System Action:	PowerExchange Logger processing ends.
User Response:	Set the PROMPT parameter to N in the pxwcl.cfg file, or run the PowerExchange Logger in the foreground.
<b>PWX-33254</b>	<b>pxwcl ended. return code <i>return_code</i></b>
Explanation:	This message records the final return code that was passed to the operating system after the PowerExchange Logger for Linux, UNIX, and Windows ended.
System Action:	PowerExchange Logger processing ended.
User Response:	If the return code is a non-zero value, an error occurred. To determine the cause of the error, review the accompanying messages.
<b>PWX-33255</b>	<b>CCLWTR Restart tokens at run termination: Sequence <i>hexadecimal_sequence_token</i> Restart <i>hexadecimal_restart_token</i>.</b>
Explanation:	This message reports the last sequence token and restart token values that the PowerExchange Logger for Linux, UNIX, and Windows stored in its CDCT file before it ended.
User Response:	No response is required.

<b>PWX-33256</b>	<b>CCLWTR File switch complete. Current restart tokens: Sequence <i>hexadecimal_sequence_token</i> Restart <i>hexadecimal_restart_token</i>.</b>
Explanation:	This message reports the last sequence token and restart token that the PowerExchange Logger for Linux, UNIX, and Windows stored in its CDCT file after a log file switch.
User Response:	No response is required.
<b>PWX-33260</b>	<b>Loading registrations from location "<i>location</i>"</b>
Explanation:	PowerExchange Logger for Linux, UNIX, and Windows has started loading capture registrations from a CCT file that is at a remote location.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33261</b>	<b>Loaded "<i>reg_name</i>". Table "<i>schema.table</i>". Tag "<i>tag_name</i>".</b>
Explanation:	The capture registration for the specified table, which has the specified registration tag name, was successfully loaded.
System Action:	PowerExchange Logger for Linux, UNIX, and Windows processing continues.
User Response:	No response is required.
<b>PWX-33262</b>	<b>Discarded "<i>registration_name</i>". Creator "<i>creator</i>". Condense option "<i>option</i>"</b>
Explanation:	The specified capture registration was discarded because the <b>Condense</b> option was not set to <b>Part</b> . To use the PowerExchange Logger for Linux, UNIX, and Windows, the <b>Condense</b> option must be set to <b>Part</b> .
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33263</b>	<b><i>number</i> registrations loaded</b>
Explanation:	This message reports the number of active capture registrations loaded.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33264</b>	<b>Loaded "<i>reg_name</i>". Table "<i>schema.table</i>". Tag "<i>tag_name</i>". Article <i>article_id</i>.</b>
Explanation:	The capture registration for the specified table, which is associated with the specified registration tag name and article ID, was successfully loaded.
System Action:	PowerExchange Logger for Linux, UNIX, and Windows processing continues.
User Response:	No response is required.
<b>PWX-33265</b>	<b>Active registration &lt;<i>registration_name</i>&gt; does not match selection criteria for any defined group</b>
Explanation:	The specified capture registration did not match any of the selection masks in the GROUPDEFS configuration file. The GROUPDEFS file defines groups of registrations for which the PowerExchange Logger for Linux, UNIX, and Windows captures change data to separate sets of log files.
System Action:	Processing continues. The PowerExchange Logger does not capture change data for the source object that is associated with the registration.

User Response:	Edit the selection masks in the GROUPDEFS configuration file to select the registration for PowerExchange Logger processing, if necessary.
<b>PWX-33269</b>	<b>CCL configuration parameter &lt;parameter_name&gt; is deprecated.</b>
Explanation:	The specified PowerExchange Logger for Linux, UNIX, and Windows parameter is deprecated. The PowerExchange Logger ignores this parameter during CDC processing.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33270</b>	<b>Writer is sleeping for <i>number</i> seconds. Start time <i>time</i></b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task will sleep for specified number of seconds, starting at the specified time. This sleep interval is the lesser of the NO_DATA_WAIT parameter value in the dbmover.cfg file or the number of seconds until a file switch or file flush occurs based on parameters in the pwxcl.cfg file.
System Action:	PowerExchange Logger processing is suspended until the specified number of seconds elapses.
User Response:	No response is required.
<b>PWX-33271</b>	<b>Writer starts reading source data. First processing cycle since initialization</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is starting to process source data for the first time since initialization.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33272</b>	<b>Writer starts reading source data. No user commands received</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is starting to process source data.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33273</b>	<b>Writer starts reading source data. CONDENSE command was received</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows Writer task is starting to process source data after a CONDENSE command was received.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33274</b>	<b>CPU Total <i>number</i>. CAPI Read <i>number</i>. Writing <i>number</i>. File switching <i>number</i>. Other <i>number</i></b>
Explanation:	This message reports the CPU usage, in microseconds, by the PowerExchange Logger for Linux, UNIX, and Windows Writer task. This verbose message is displayed if you use the default value of Y for the VERBOSE parameter in the PowerExchange Logger configuration file, pwxcl.cfg. To suppress the display of this message, specify VERBOSE=N.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.

<b>PWX-33278</b>	<b>Total Records <i>number</i>. Inserts <i>number</i>. Updates <i>number</i>. Deletes <i>number</i>. UOWs <i>number</i>. Bytes <i>number</i></b>
Explanation:	This message reports counts of change records by change type in the PowerExchange Logger for Linux, UNIX, and Windows log files that were produced by a file switch and checkpoint. It also reports the total number of UOWs and bytes in those files. This verbose message is displayed if you use the default value of Y for the VERBOSE parameter in the PowerExchange Logger configuration file, pwxcl.cfg.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33279</b>	<b>CPU total <i>number</i>. This file total <i>number</i>. CAPI Reads <i>number</i>. Writing file <i>number</i>. Other <i>number</i></b>
Explanation:	This message reports CPU usage, in microseconds, by the PowerExchange Logger for Linux, UNIX, and Windows Writer task. This verbose message is displayed if you use the default value of Y for the VERBOSE parameter in the PowerExchange Logger configuration file, pwxcl.cfg. To suppress the display of this message, specify VERBOSE=N.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33281</b>	<b>File switch because of records. Records <i>number</i>. Elapsed seconds <i>seconds</i></b>
Explanation:	A PowerExchange Logger for Linux, UNIX, and Windows file switch was triggered because the minimum number of records required for a file switch was processed.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required. If you do not want to display this verbose message, specify VERBOSE=N in the pwxcl.cfg configuration file.
<b>PWX-33282</b>	<b>File switch because of time. Records <i>number</i>. Elapsed seconds <i>seconds</i></b>
Explanation:	A PowerExchange Logger for Linux, UNIX, and Windows file switch was triggered because the minimum number of seconds required for a file switch elapsed.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required. If you do not want to display this verbose message, specify VERBOSE=N in the pwxcl.cfg configuration file.
<b>PWX-33283</b>	<b>File switch because of a FILESWITCH command. Records <i>number</i>. Elapsed seconds <i>seconds</i></b>
Explanation:	A PowerExchange Logger for Linux, UNIX, and Windows file switch was triggered because a FILESWITCH command was issued. The message reports the number of records processed and the elapsed time since the last file switch.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required. If you do not want to display this verbose message, specify VERBOSE=N in the pwxcl.cfg configuration file.

<b>PWX-33284</b>	<b>File switch because the system is shutting down. Records <i>number</i>. Elapsed seconds <i>seconds</i></b>
Explanation:	A PowerExchange Logger for Linux, UNIX, and Windows file switch was triggered because the PowerExchange Logger is shutting down. The message reports the number of records processed and the elapsed time since the last file switch.
System Action:	PowerExchange Logger shutdown processing continues.
User Response:	No response is required. If you do not want to display this verbose message, specify VERBOSE=N in the pwxccl.cfg configuration file.
<b>PWX-33285</b>	<b>File switch. Records <i>number</i>. Elapsed seconds <i>seconds</i></b>
Explanation:	A PowerExchange Logger for Linux, UNIX, and Windows file switch was triggered. The message reports the number of records processed and elapsed time in seconds since the last file switch. This terse message is issued if you specify VERBOSE=N in the pwxccl.cfg configuration file.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33286</b>	<b>File switch committing UOW in previous file. Records <i>number</i>. Elapsed seconds <i>seconds</i></b>
Explanation:	A PowerExchange Logger for Linux, UNIX, and Windows file switch was triggered. The PowerExchange Logger is committing a UOW in a current log file before switching to a new set of log files. The message indicates the number of records processed and elapsed time in seconds since the last file switch. This terse message is issued if you specify VERBOSE=N in the pwxccl.cfg configuration file.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-33289</b>	<b>Condense: Condense completed. Total Records=<i>count</i>, Inserts=<i>count</i>, Updates=<i>count</i>, Deletes=<i>count</i>, UOWs=<i>count</i></b>
Explanation:	<p>This message reports counts of processed change records and UOWs for the last PowerExchange Logger for Linux, UNIX, and Windows run or logging cycle. The message includes the following counts:</p> <ul style="list-style-type: none"> <li>• The total number of records that were processed since logging activity began.</li> <li>• The number of Delete, Insert, and Update records that were processed. Before-image (type T) records are not included in these counts.</li> <li>• The number of units of work (UOWs) that were processed.</li> </ul>
System Action:	<p>PowerExchange Logger processing ends or continues, depending on the execution mode:</p> <ul style="list-style-type: none"> <li>• If the PowerExchange Logger is running in batch mode, it shuts down.</li> <li>• If the PowerExchange Logger is running in continuous mode, the PowerExchange Logger task sleeps for the number of minutes that is specified in the NO_DATA_WAIT parameter and then starts another logging cycle.</li> </ul>
User Response:	No response is required.

<b>PWX-33290</b>	<b>Special start at the data stream file position specified in the tokens</b>
Explanation:	This message reports that the PowerExchange Logger for Linux, UNIX, and Windows completed a special start at the position in the change stream that is specified by the sequence and restart tokens in messages PWX-33233 and PWX-33234.
System Action:	PowerExchange Logger processing continues.
User Response:	If the PROMPT=Y parameter is specified in the PowerExchange Logger pwxcl.cfg file, you must type Y in response to the confirmation prompt in the subsequent PWX-33291 message to continue PowerExchange Logger processing.
<b>PWX-33291</b>	<b>Type Y to confirm the special start position or N to terminate the CCL logger</b>
Explanation:	If you specified the PROMPT=Y parameter in the PowerExchange Logger for Linux, UNIX, and Windows configuration file and started the PowerExchange Logger with the SPECIALSTART=Y parameter, reply Y or N to this confirmation prompt to confirm or deny a special start.
System Action:	The system waits for a reply.
User Response:	Enter Y to allow PowerExchange Logger to special start from the position in the change stream that is specified by messages PWX-33233 and PWX-33234, or type N to deny the special start and stop the PowerExchange Logger.
<b>PWX-33292</b>	<b>Special start declined</b>
Explanation:	A reply of N was entered in response to the confirmation prompt in message PWX-33291 to deny a special start of the PowerExchange Logger for Linux, UNIX, and Windows.
System Action:	The PowerExchange Logger ends.
User Response:	No response is required.
<b>PWX-33293</b>	<b>Special start accepted</b>
Explanation:	A reply of Y was entered at the user prompt in PWX-33291 to confirm a special start of the PowerExchange Logger for Linux, UNIX, and windows.
System Action:	The PowerExchange Logger special starts and continues.
User Response:	No response is required.
<b>PWX-33294</b>	<b>CCLWTR: SPECIALSTART requested and no tokens supplied.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was started from the command line with the SPECIALSTART=Y parameter. This parameter requires valid SEQUENCE_TOKEN and RESTART_TOKEN values to be specified in the pwxcl.cfg file. However, these token values are not specified in the pwxcl.cfg file.
System Action:	The PowerExchange Logger ends.
User Response:	Enter valid SEQUENCE_TOKEN and RESTART_TOKEN values in the pwxcl.cfg file, and then restart the PowerExchange Logger with the SPECIALSTART=Y parameter. Alternatively, restart the PowerExchange Logger without the SPECIALSTART=Y parameter or with the SPECIALSTART=N parameter.

<b>PWX-33295</b>	<b>CCLWTR: Length of the sequence &lt;length&gt; or restart &lt;length&gt; token supplied does not match the expected lengths of &lt;length&gt; and &lt;length&gt;.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was started from the command line with the SPECIALSTART=Y parameter. However, the SEQUENCE_TOKEN and RESTART_TOKEN parameter values in the pwxcl.cfg file, which are required for a special start, are not valid. The lengths, in bytes, of the parameter values do not match the expected lengths based on the restart information in the CDCT file.
System Action:	The PowerExchange Logger ends.
User Response:	Enter valid SEQUENCE_TOKEN and RESTART_TOKEN parameter values in the pwxcl.cfg file, and then restart the PowerExchange Logger. Alternatively, restart the PowerExchange Logger without the SPECIALSTART=Y parameter or with the SPECIALSTART=N parameter.
<b>PWX-33296</b>	<b>CCLWTR: The sequence token supplied for SPECIALSTART must be greater than or equal the current sequence token.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was started from the command line with the SPECIALSTART=Y parameter. This parameter requires a SEQUENCE_TOKEN value in the pwxcl.cfg file that is greater than or equal to the current sequence token value based on restart information in the CDCT file. However, a valid SEQUENCE_TOKEN value is not specified. Message PWX-33297 reports the current sequence token value, and message PWX-33298 reports the SEQUENCE_TOKEN value in the pwxcl.cfg file.
System Action:	The PowerExchange Logger ends.
User Response:	Enter a valid SEQUENCE_TOKEN value in the pwxcl.cfg file, and then restart the PowerExchange Logger. Alternatively, restart the PowerExchange Logger without the SPECIALSTART=Y parameter or with the SPECIALSTART=N parameter.
<b>PWX-33297</b>	<b>Current sequence token &lt;hexadecimal_token_value&gt;</b>
Explanation:	This message reports the PowerExchange Logger for Linux, UNIX, and Windows current sequence token value based on the restart information in the CDCT file. This message is associated with the error that is reported in message PWX-33296.
User Response:	For more information, see message PWX-33296.
<b>PWX-33298</b>	<b>Supplied sequence token &lt;hexadecimal_token_value&gt;</b>
Explanation:	This message reports the SEQUENCE_TOKEN value that is specified in the PowerExchange Logger for Linux, UNIX, and Windows pwxcl.cfg file. This message is associated with the error that is reported in PWX-33296.
User Response:	For more information, see message PWX-33296.
<b>PWX-33299</b>	<b>CCLWTR: No prior restart information available and SPECIALSTART=Y specified.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was started with the SPECIALSTART=Y parameter. However, the CDCT file does not contain any restart information to override.
System Action:	The PowerExchange Logger ends.
User Response:	Use the SPECIALSTART=Y parameter only when you need to override existing restart information with the SEQUENCE_TOKEN and RESTART_TOKEN values that you specify in the pwxcl.cfg file.



<b>PWX-33300</b>	<b><i>connection_ID : Connectivity lost - Heartbeat frequency is seconds1 seconds and no heartbeat received in last seconds2 seconds.</i></b>
Explanation:	PowerExchange verifies network connectivity during idle periods by using heartbeat messages. Because PowerExchange did not receive any heartbeat messages within the specified timeout period, PowerExchange determined that connectivity was lost for the specified client IP address and port number.
System Action:	Session processing terminates.
User Response:	Review messages in the log files on the remote PowerExchange client system to determine the cause of connectivity failure.
<b>PWX-33301</b>	<b><i>connection_ID : Activity timeout is seconds seconds and no activity occurred within that period - ending processing</i></b>
Explanation:	The connection-level activity timeout interval was reached for the specified client IP address and port number.
System Action:	Session processing terminates.
User Response:	Review messages in the log files on the remote PowerExchange client system to determine the cause of the timeout. You can also increase the TCPIP_ACT_TIMEOUT value in the PWX Override connection setting, or you can delete the TCPIP_ACT_TIMEOUT entry or set it to -1 to disable activity timeouts.
<b>PWX-33302</b>	<b><i>connection_ID : Connectivity lost - Heartbeat send failed. RC1=return_code1, RC2=return_code2, RC3=return_code3.</i></b>
Explanation:	PowerExchange verifies network connectivity during idle periods by using heartbeat messages. Because PowerExchange did not receive any heartbeat messages within the specified timeout period, PowerExchange determined that connectivity was lost for the specified client IP address and port number.
System Action:	Session processing terminates.
User Response:	Review messages in the log files on the remote PowerExchange client system to determine the cause of failure.
<b>PWX-33303</b>	<b><i>connection_ID : Unexpected failure on network thread, rc=return_code, error text='text'</i></b>
Explanation:	PowerExchange encountered a failure on the network thread for the specified client IP address and port number.
System Action:	Session processing terminates.
User Response:	Contact Informatica Global Customer Support. Provide the return code and error text from this message.
<b>PWX-33304</b>	<b><i>Connection: connection_lid, Type: type, Task ID: task_id, Operation timeout: number_of_seconds secs, Heartbeat interval: number_of_seconds secs, Session: session</i></b>
Explanation:	For a new network connection request, this message identifies the connection ID and type, the task ID, operation timeout interval, heartbeat interval, and session.
System Action:	Processing continues.
User Response:	No response is required.

<b>PWX-33305</b>	<b><i>connection_ID</i> : Operation '<i>operation</i>' not supported by asynchronous layer, reverting to synchronous mode.</b>
Explanation:	An unexpected network operation was attempted in asynchronous mode for the specified client IP address and port number.
System Action:	Processing for the specified operation continues in synchronous mode.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33306</b>	<b><i>connection_ID</i> : Unexpected change in network mode (detected by <i>thread</i>), new mode: <i>mode</i></b>
Explanation:	The thread changed between send and receive modes unexpectedly for the specified client IP address and port number.
System Action:	Processing continues.
User Response:	This message is usually associated with premature session termination. Review accompanying messages to determine the cause of the premature termination.
<b>PWX-33307</b>	<b><i>connection_ID</i> : Network heartbeat send timed-out after <i>milliseconds</i> milliseconds</b>
Explanation:	PowerExchange displays this message when a network heartbeat send operation times out for the specified client IP address and port number. PowerExchange displays this message only when you have configured your system to issue it, as instructed to by Informatica Global Customer Support.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33308</b>	<b><i>connection_ID</i> : Network heartbeat sent at <i>time</i></b>
Explanation:	PowerExchange issues this message when a network heartbeat message is sent for the specified client IP address and port number. PowerExchange displays this message only when you have configured your system to issue it, as instructed to by Informatica Global Customer Support.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33309</b>	<b><i>connection_ID</i> : Network heartbeat received at <i>time</i></b>
Explanation:	PowerExchange displays this message when a network heartbeat message is received for the specified client IP address and port number. PowerExchange displays this message only when you have configured your system to issue it, as instructed to by Informatica Global Customer Support.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33310</b>	<b><i>connection_ID</i> : Network heartbeat not received at <i>time</i> but have pending data in TCP buffers</b>
Explanation:	PowerExchange displays this message when network heartbeat data is not received but pending data is present in the TCP buffers for the specified client IP address and port number. PowerExchange displays this message only when you have configured your system to issue it, as instructed to by Informatica Global Customer Support.
System Action:	Processing continues.

User Response:	No response is required.
<b>PWX-33311</b>	<b>Bind to dynamic network port failed with errno <i>error_number</i></b>
Explanation:	PowerExchange was unable to bind to a dynamically allocated port.
System Action:	Processing ends.
User Response:	Ensure that the PowerExchange Listener has sufficient security rights to bind to dynamically allocated ports.
<b>PWX-33312</b>	<b><i>connection_ID</i> : Partially completed network transmission timed out after <i>seconds</i> seconds (bytes completed: <i>bytes</i> mode: <i>mode</i>)</b>
Explanation:	A partially completed network transmission timed out. This message usually indicates that a problem was encountered by the remote instance of PowerExchange.
System Action:	Processing terminates.
User Response:	Check the PowerExchange log file on the remote platform.
<b>PWX-33313</b>	<b>Asynchronous network is disabled as Job Description does not allow multiple threads</b>
Explanation:	Because asynchronous network communication requires multiple threads and the job description does not allow multiple threads, asynchronous network communication is disabled.
System Action:	Processing continues.
User Response:	To use asynchronous communication, edit the Allow Multithread (ALWMLTTHD) parameter in the job description on the iSeries system to specify ALWMLTTHD=YES. Otherwise, no response is required.
<b>PWX-33314</b>	<b>TIMEOUTS configuration parameter is deprecated</b>
Explanation:	The TIMEOUTS configuration parameter is deprecated.
System Action:	Processing continues.
User Response:	Informatica recommends that you remove the TIMEOUTS parameter from the PowerExchange configuration file. You can specify the TCPIP_CON_TIMEOUT and TCPIP_ACT_TIMEOUT connection attributes if you have special requirements for connection or activity timeouts, respectively.
<b>PWX-33315</b>	<b>Failed to decompress network buffer, zlib error code: <i>error_number</i></b>
Explanation:	Compression is enabled for a PWXPC Batch or CDC connection by means of the <b>Compression</b> connection attribute. As a result, PowerExchange attempts to use the zlib compression library to compress and decompress network buffers. However, zlib returned an error during decompression processing.
System Action:	The session ends.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-33316</b>	<p><b><i>connection connection_ID SEND Start start_time End end_time Flags flags Bytes bytes SS successful_calls BS failed_calls RC rc2 rc3</i></b></p> <p>Explanation: PowerExchange displays diagnostic information about the preceding network send operations under either of the following conditions:</p> <ul style="list-style-type: none"> <li>• A network-related failure occurred, and TCPIP_DIAGNOSTICS_TRACE=E is specified in the DBMOVER configuration file.</li> <li>• The connection ended, and TCPIP_DIAGNOSTICS_TRACE=A is specified in the DBMOVER configuration file.</li> </ul> <p>The TCPIP_DIAGNOSTICS_TRACE_SZ statement in the DBMOVER configuration file determines the number of PWX-33316 and PWX-33317 messages that are issued.</p> <p>PWX-33316 provides the following information:</p> <ul style="list-style-type: none"> <li>• Connection ID</li> <li>• Trace record number</li> <li>• Start - time and date that the network operation started</li> <li>• End - time and date that the network operation ended</li> <li>• Flags: C (connect), U (user data), S (send error), D (disconnect), T (turn line), I (info message), V (version), H (heartbeat)</li> <li>• RC - Return code from the operation</li> <li>• Bytes - bytes received</li> <li>• SS - number of successful calls to send</li> <li>• BS - number of failed calls to send</li> </ul> <p>System Action: Processing ends.</p> <p>User Response: Contact your network administrator. Provide the contents of this message. If you need additional assistance, contact Informatica Global Customer Support.</p>
<b>PWX-33317</b>	<p><b><i>connection connection_ID RECV Start start_time End end_time Flags flags Bytes bytes WH waits_header WB waits_body RC rc2 rc3</i></b></p> <p>Explanation: PowerExchange displays diagnostic information about the preceding network receive operations under either of the following conditions:</p> <ul style="list-style-type: none"> <li>• A network-related failure occurred, and TCPIP_DIAGNOSTICS_TRACE=E is specified in the DBMOVER configuration file.</li> <li>• The connection ended, and TCPIP_DIAGNOSTICS_TRACE=A is specified in the DBMOVER configuration file.</li> </ul> <p>The TCPIP_DIAGNOSTICS_TRACE_SZ statement in the DBMOVER configuration file determines the number of PWX-33316 and PWX-33317 messages that are issued.</p> <p>PWX-33317 provides the following information:</p> <ul style="list-style-type: none"> <li>• Connection ID</li> <li>• Trace record number</li> <li>• Start - time and date that the network operation started</li> <li>• End - time and date that the network operation ended</li> <li>• Flags: C (connect), U (user data), S (send error), D (disconnect), T (turn line), I (info message), V (version), H (heartbeat)</li> </ul>

- RC - Return code from the operation. 1244 designates timeout due to no data. 32 designates informational message.
- Bytes - bytes received
- WH - number of waits performed while receiving the message header
- WB -number of waits performed while receiving the message body

System Action: Processing ends.

User Response: Contact your network administrator. Provide the contents of this message. If you need additional assistance, contact Informatica Global Customer Support.

**PWX-33318** ***connection (socket number) network activity prior to error rc2 rc3 (text) follows***

Explanation: PowerExchange displays diagnostic information about the preceding network send and receive operations under either of the following conditions:

- A network-related failure occurred, and TCPIP\_DIAGNOSTICS\_TRACE=E is specified in the DBMOVER configuration file.
- The connection ended, and TCPIP\_DIAGNOSTICS\_TRACE=A is specified in the DBMOVER configuration file.

System Action: Processing ends.

User Response: See the subsequent PWX-33316 and PWX-33317 messages in the log for additional information.

**PWX-33321** ***Network header incomplete, expected type SEC but network\_message\_type arrived of length (length)***

Explanation: The network header for a PowerExchange data transmission does not have a valid type or length. This message provides the invalid header type and length for diagnostic use by Informatica Global Customer Support. This problem can occur when the sending and receiving PowerExchange instances have different versions.

System Action: Processing ends.

User Response: Verify that the PowerExchange instances that are trying to communicate over the network are of the same version. If you need assistance, contact Informatica Global Customer Support.

**PWX-33322** ***connection Application Buffer resized from old\_size to new\_size***

Explanation: PowerExchange increased the size of the application buffer for the connection. When dynamic application buffer sizing is enabled, PowerExchange dynamically resizes the application buffer for individual connections as needed. Dynamic application buffer sizing is enabled by default. You can enable it explicitly by specifying APPBUFSIZEDYN=Y in the DBMOVER configuration file.

System Action: Processing continues.

User Response: No response is required.

**PWX-33323** ***Dynamic Appbufsize processing failed (reason).***

Explanation: A failure occurred during dynamic application buffer size processing.

System Action: Processing ends.

User Response: Check the PowerExchange log for previous messages that indicate the cause of the failure.

<b>PWX-33324</b>	<b>Network received <i>bytes_received</i> bytes from partner, APPBUF size is <i>appbuf_bytes</i></b>
Explanation:	PowerExchange received a network message with a length that is greater than the current application buffer size. This condition might indicate that an internal error has occurred.
System Action:	The task terminates.
User Response:	Check the PowerExchange log for earlier messages that indicate the cause of the failure. If the message was issued in error, contact Informatica Global Customer Support for instructions on suppressing the message.
<b>PWX-33325</b>	<b>Network about to send <i>bytes_to_send</i> bytes to partner, APPBUF size is <i>appbuf_bytes</i></b>
Explanation:	PowerExchange prepared a network message with a length that is greater than the current application size. This condition might indicate that an internal error has occurred.
System Action:	The task terminates.
User Response:	Check the PowerExchange log for earlier messages that indicate the cause of the failure. If the message was issued in error, contact Informatica Global Customer Support for instructions on suppressing the message.
<b>PWX-33400</b>	<b>Oracle Capture: <i>Oracle_error</i> during an Oracle OCI function call to <i>OCI_function</i>. Rc = <i>&lt;return_code&gt;</i>. Oracle messages follow.</b>
Explanation:	Oracle returned the specified error when PowerExchange change capture attempted to call the specified OCI function.
System Action:	Oracle change capture processing ends.
User Response:	Review the error messages that follow this one to determine the cause of the error. Then fix the problem and restart Oracle capture.
<b>PWX-33401</b>	<b>Oracle Capture: <i>Oracle_error</i>, RC <i>&lt;return_code&gt;</i> while processing the following statement. Oracle messages follow.</b>
Explanation:	Oracle returned the specified error when PowerExchange change capture attempted to process the SQL statement in a following message.
System Action:	Oracle change capture processing ends.
User Response:	Review the error messages that follow this one to determine the cause of the error. Then fix the problem and restart Oracle capture.
<b>PWX-33750</b>	<b>Invalid Pooling Arguments: <i>message</i></b>
Explanation:	The call contains invalid pooling arguments.
System Action:	Processing stops.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33805</b>	<b>Connection Pool size: <i>size</i>, hits: <i>hits</i>, partial hits: <i>partial_hits</i>, misses: <i>misses</i>, expired: <i>expired_connections</i>, discarded pool full: <i>discards_due_to_full_pool</i> discarded error: <i>discards_due_to_error</i></b>
Explanation:	This message displays the following information about PowerExchange connection pool usage: <ul style="list-style-type: none"> <li>• Size. Size of connection pool.</li> </ul>

- Hits. Number of times that PowerExchange found a connection in the pool that it could reuse.
- Partial hits. Number of times that PowerExchange found a connection in the pool that it could modify and reuse.
- Misses. Number of times that PowerExchange could not find a connection in the pool that it could reuse.
- Expired. Number of connections that were discarded from the pool because the maximum idle time was exceeded.
- Discarded pool full. Number of connections that were discarded from the pool because the pool was full.
- Discarded error. Number of connections that were discarded from the pool due to an error condition.

System Action: Processing continues.

User Response: No response is required.

**PWX-33806 Connection pool initialization error: *return\_code* (message)**

Explanation: A connection pool initialization error occurred.

System Action: Processing continues without connection pooling.

User Response: Contact Informatica Global Customer Support.

**PWX-33900 Steplib is not APF authorized**

Explanation: The z/OS STEPLIB is not APF-authorized.

You cannot access named tokens or create and delete ECSA memory unless the STEPLIB is APF-authorized. PowerExchange uses ECSA memory to store the time when the data maps were last updated.

System Action: Processing aborts.

User Response: Complete one of the following steps:

- APF-authorize all libraries in the STEPLIB.
- Disable caching for data maps by configuring the number of maps to zero.
- Use the single job configuration, which configures no netport jobs.

**PWX-33901 Named token *name* not found**

Explanation: The specified zOSA named token was not found.

System Action: Processing aborts. PowerExchange cannot access the ECSA memory, which is used to store the time when the data maps were last updated.

User Response: Contact Informatica Global Customer Support.

**PWX-33902 Error retrieving named token *name*. rc *rc*. Reason code *reason***

Explanation: When PowerExchange tried to get the specified zOSA named token, an error occurred.

System Action: PowerExchange cannot access the ECSA memory, which is used to store the time when the data maps were last updated. Processing aborts.

User Response: Contact Informatica Global Customer Support.

<b>PWX-33903</b>	<b>Named token <i>name</i> already exists</b>
Explanation:	An attempt was made to create the ECSA, but the specified named token already exists.
System Action:	Processing aborts.
User Response:	If the named token already exists, do not attempt to create the ECSA. If necessary, delete the ECSA and the named token and then create the ECSA.
<b>PWX-33904</b>	<b>Created named token <i>name</i>.</b>
Explanation:	The specified z/OS named token was created.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33905</b>	<b>Deleted named token <i>name</i>.</b>
Explanation:	The specified z/OS named token was deleted.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33906</b>	<b>Error creating named token <i>name</i>. rc <i>rc</i>. Reason code <i>reason</i></b>
Explanation:	During creation of the named z/OS token, an error occurred.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33907</b>	<b>Error deleting named token <i>name</i>. rc <i>rc</i>. Reason code <i>reason</i></b>
Explanation:	An error occurred during deletion of the specified zOSA named token.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33920</b>	<b>ECSA memory blocks <i>blocks</i>. Total length <i>length</i>. Maximum files <i>number</i>. Files in use <i>number</i>.</b>
Explanation:	This informational message displays information for all ECSA memory blocks.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33921</b>	<b>ECSA memory at address <i>address</i>. Length <i>length</i>. Maximum files <i>number</i>. Files in use <i>number</i>.</b>
Explanation:	This informational message displays information for an ECSA memory block.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33922</b>	<b>ECSA memory at address <i>address</i>. Created by user "<i>name</i>" job "<i>name</i>" at "<i>time_stamp</i>"</b>
Explanation:	This informational message displays information about an ECSA memory block.
System Action:	Processing continues.



User Response:	No response is required.
<b>PWX-33923</b>	<b>File "<i>name</i>". Use count <i>number</i>. Updated at "<i>hex</i>" "<i>time_stamp</i>".</b>
Explanation:	This informational message displays information about the time of the last update to a data maps file.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33930</b>	<b>Created ECSA memory at address <i>address</i>. Length <i>length</i>. Maximum files <i>number</i>.</b>
Explanation:	The ECSA memory was created at the specified address.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33931</b>	<b>Deleted ECSA memory at address <i>address</i>. Length <i>length</i>.</b>
Explanation:	PowerExchange deleted the ECSA memory at the specified address.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33932</b>	<b>Invalid ECSA memory at address <i>address</i>. Length <i>length</i>. Files <i>files</i>.</b>
Explanation:	The ECSA memory at the specified address is not valid.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33933</b>	<b>Cannot delete ECSA memory at address <i>address</i> because file use count <i>number</i>.</b>
Explanation:	PowerExchange could not delete ECSA memory at the specified address.
System Action:	Processing aborts.
User Response:	Verify whether any processes are currently using the ECSA memory. If necessary, pass the FORCE=Y argument to PWXUDMX.
<b>PWX-33934</b>	<b>Length <i>number</i> smaller than minimum <i>number</i> for ECSA memory</b>
Explanation:	PowerExchange tried to create ECSA, but the specified length was smaller than the required minimum length.
System Action:	Processing aborts.
User Response:	Specify a larger ECSA memory length.
<b>PWX-33935</b>	<b>File "<i>name</i>" not found in ECSA memory</b>
Explanation:	During an attempt to decrement the file count, the specified file was not found in ECSA memory.
System Action:	Processing continues.
User Response:	If an attempt was made to use DECREMENT_FILE_COUNT to PWXUDMX, verify that the correct file was specified.

<b>PWX-33950</b>	<b>Cache initialized. Maximum size <i>number</i> kilobytes</b>
Explanation:	PowerExchange initialized the data maps cache with the specified maximum cache size.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33951</b>	<b>Update to data map "<i>schema.map</i>" done at "<i>time_stamp</i>"</b>
Explanation:	Because the specified data map was updated, PowerExchange updated the time stamp for the data maps file.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33952</b>	<b>Data map "<i>schema.map</i>" deleted from the maps cache</b>
Explanation:	Because the specified data map was updated, PowerExchange deleted that data map from the data maps cache.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33953</b>	<b>Clearing <i>number</i> maps from the cache. Cache time was "<i>time_stamp</i>". Latest update time is "<i>time_stamp</i>"</b>
Explanation:	Due to a recent update to the data maps file, PowerExchange deleted all data maps from the data maps cache. This message displays information about the delete operation.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33960</b>	<b>Maps read from the cache <i>number</i>. Maps read from file <i>number</i>.</b>
Explanation:	When processing ended, PowerExchange had read the specified number of data maps from the data maps cache.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33961</b>	<b>The data maps cache was cleared <i>number</i> times</b>
Explanation:	When processing ended, PowerExchange cleared the data maps cache the specified number of times.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33962</b>	<b>Maps deleted from the cache <i>number</i>. Changed maps not in the cache <i>number</i>.</b>
Explanation:	When processing ends, this informational message displays the number of data maps that PowerExchange deleted from the data maps cache and the number of changed maps that were not in the data maps cache.
System Action:	Processing continues.
User Response:	No response is required.

<b>PWX-33963</b>	<b>Cache used <i>number</i> kilobytes. Total <i>number</i>.</b>
Explanation:	PowerExchange data maps caching used the specified cache size and cached the specified number of data maps in the data maps cache.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33964</b>	<b>Maps discarded when cache was full <i>number</i>.</b>
Explanation:	Because the data maps cache was full, PowerExchange discarded the specified number of maps.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-33970</b>	<b>Command "<i>command</i>" is only allowed if DMXCACHE_MULTIPLEJOBS=Y</b>
Explanation:	An attempt was made to run an ECSA but the DBMOVER configuration file did not include the DMXCACHE_MULTIPLEJOBS=Y statement.
System Action:	Processing aborts.
User Response:	Update the DBMOVER configuration file to include the DMXCACHE_MULTIPLEJOBS=Y statement.
<b>PWX-33971</b>	<b>Routine "<i>name</i>" failed.</b>
Explanation:	The specified routine failed.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33972</b>	<b>Routine "<i>name</i>" failed. Return code=<i>number</i></b>
Explanation:	The specified routine failed with the specified return code.
System Action:	Processing aborts.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-33980</b>	<b>Argument "<i>argument</i>" is required with command "<i>command</i>"</b>
Explanation:	The specified argument is required for the command, but was not supplied.
System Action:	Processing aborts.
User Response:	Specify the required argument.
<b>PWX-33981</b>	<b>Argument "<i>argument</i>" is not allowed with command "<i>command</i>"</b>
Explanation:	The specified argument is not valid with the specified command.
System Action:	Processing aborts.
User Response:	Remove the specified argument.

## PWX-34000 to PWX-34999

You can view messages PWX-34000 to PWX-34999 in the log viewer of the Administrator tool.

**PWX-34000      Unable to stop PowerExchange Task. iSync not established.**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34001      Monitor thread - caught exception. Message "*message*".**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34002      PowerExchange Task call to set Sync URI failed - caught exception. Message "*message*".**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34003      Failed to connect to PowerExchange Task iSync listener (timed out).**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34004      Failed to connect to PowerExchange Task iSync listener.**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34005      Failed to send message to PowerExchange Task iSync listener.**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34006      Heartbeat connection to PowerExchange Task lost. Service ending.**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34007      Configuration option *option* or value *value* not recognised.**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34008      Configuration options not found.**

Explanation:      An internal error occurred.

User Response:      Contact Informatica Global Customer Support.

**PWX-34009      Failed to launch PowerExchange process *process*.**

Explanation:      A configuration error occurred.

User Response: Verify that the named executable is available in the current directory or path or in PWX\_HOME.

**PWX-34010      PowerExchange service initialization failed.**

Explanation: An internal error occurred.

User Response: Contact Informatica Global Customer Support.

**PWX-34011      Ending PowerExchange process *process***

Explanation: An internal error occurred.

User Response: Contact Informatica Global Customer Support.

**PWX-34012      Failed to send message to PowerExchange Task command handler.**

Explanation: An internal error occurred.

User Response: Contact Informatica Global Customer Support.

**PWX-34013      User *user* does not have privilege *privilege* set.**

Explanation: The user credentials are not sufficient to perform the attempted action.

User Response: Change the privileges assigned to the user, or use a different user name.

**PWX-34504      Trying to connect to PowerExchange Task. Approx *seconds* seconds remaining...**

Explanation: The PowerExchange Service will keep trying to connect to the PowerExchange task for the specified number of seconds before abandoning the connection attempt.

User Response: No response is required.

## PWX-35000 to PWX-35999

**PWX-35000      REPORT FOR COMMAND *command***

Explanation: This message displays the heading of a PWXUSSL report.

User Response: No response is required.

**PWX-35001      SSL cipher list set to *cipher\_list***

Explanation: This message displays the available cipher list. If you include the SSL\_CIPHER\_LIST statement in the DBMOVER configuration file, PowerExchange issues the SSL\_CTX\_set\_cipher\_list() OpenSSL command to set the cipher list when establishing an SSL connection.

User Response: No response is required.

<b>PWX-35002</b>	<b><i>number_of_ciphers</i> available ciphers</b>
Explanation:	The message reports the number of ciphers returned by SSL_get_cipher_list(). If you include the SSL_CIPHER_LIST statement in the DBMOVER configuration file, PowerExchange issues the SSL_CTX_set_cipher_list() OpenSSL command to set the cipher list when establishing an SSL connection.
User Response:	No response is required.
<b>PWX-35005</b>	<b>Ciphers Report for Hex Id, Strength and Version</b>
Explanation:	This message displays the heading of a PWXUSSL report.
User Response:	No response is required.
<b>PWX-35006</b>	<b><i>sequence cipher_name</i> hex id=<i>hex_id</i> strength=<i>strength</i> version=<i>version</i></b>
Explanation:	This message displays the heading of a PWXUSSL report.
User Response:	No response is required.
<b>PWX-35007</b>	<b>Ciphers Report for Key Exchange, Encryption, Signature and Message Authentication</b>
Explanation:	This message is the heading of a PWXUSSL report.
User Response:	No response is required.
<b>PWX-35008</b>	<b><i>sequence cipher_name</i> Key Ex=<i>key_exchange_type</i> Enc=<i>encryption_type</i> Au=<i>signature_type</i> MAC=<i>message_authentication_type</i></b>
Explanation:	This message is the heading of a PWXUSSL command.
User Response:	No response is required.
<b>PWX-35011</b>	<b>File contains <i>number_of_certificates</i> X509 certificates and <i>number_of_subject_names</i> subject names</b>
Explanation:	This message displays information about the contents of a certificate file.
User Response:	No response is required.
<b>PWX-35012</b>	<b>Certificate <i>number</i>. Subject Name <i>name</i></b>
Explanation:	This message provides information about a certificate.
User Response:	No response is required.
<b>PWX-35013</b>	<b>Unable to load file <i>filename</i> using available INFORM types</b>
Explanation:	The certificate file could not be loaded using the OpenSSL INFORM type of PEM or DER.
System Action:	The application terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35021</b>	<b>Certificate <i>number</i>. Serial <i>number</i>. Version <i>number</i>.</b>
Explanation:	This message provides information about a certificate.
User Response:	No response is required.

**PWX-35022**      **Valid from *date time zone time\_zone\_code*. Valid to *date time zone time\_zone\_code*.**

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35023**      **Subject name *name***

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35024**      **Issuer name *name***

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35025**      **Signature algorithm *algorithm***

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35026**      **Public Key algorithm *name*. Size *number* bits.**

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35027**      **Subject and Issuer names are the same. (Self-certified)**

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35028**      **Certificate is not yet valid**

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35029**      **Certificate has expired**

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35031**      **\*\*\*\*\* START OF RESULT SET FROM API X509\_print\_ex\_fp \*\*\*\*\***

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35032**      **\*\*\*\*\* END OF RESULT SET FROM API X509\_print\_ex\_fp \*\*\*\*\***

Explanation:      This message provides information about a certificate.

User Response:      No response is required.

**PWX-35033**      **Private key information *data***

Explanation:      This message provides information about a certificate.

User Response: No response is required.

**PWX-35041      API call *routine* failed**

Explanation: The named API, called by the PWXUSSL utility, failed.

System Action: The PWXUSSL utility terminates.

User Response: Contact Informatica Global Customer Support.

**PWX-35042      API call *routine* returned *return\_code***

Explanation: The named API, called by the PWXUSSL utility, failed.

System Action: The PWXUSSL utility terminates.

User Response: Contact Informatica Global Customer Support.

**PWX-35101      Integrity check for a decrypted string failed**

Explanation: An encrypted string failed to decrypt properly.

System Action: The application continues.

User Response: Contact Informatica Global Customer Support.

**PWX-35102      Integrity check for a decrypted string failed**

Explanation: An encrypted string failed to decrypt properly.

System Action: The application continues.

User Response: Contact Informatica Global Customer Support.

**PWX-35200      Invalid length *length* for File Name Save As parameter**

Explanation: An internal error occurred.

System Action: The task terminates.

User Response: Contact Informatica Global Customer Support.

**PWX-35201      Invalid column number *number***

Explanation: An internal error occurred.

System Action: The task terminates.

User Response: Contact Informatica Global Customer Support.

**PWX-35202      Invalid length *length* for File Name parameter**

Explanation: An internal error has occurred.

System Action: The task terminates.

User Response: Contact Informatica Global Customer Support.

**PWX-35203      Invalid length *length* for Location parameter**

Explanation: An internal error occurred.

System Action: The task terminates.

User Response: Contact Informatica Global Customer Support.



<b>PWX-35204</b>	<b>Invalid length <i>length</i> for User Name parameter.</b>
Explanation:	An internal error occurred.
System Action:	The task terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35205</b>	<b>Invalid length <i>length</i> for Password parameter</b>
Explanation:	An internal error occurred.
System Action:	The task terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35206</b>	<b>Invalid file type <i>file_type</i> parameter</b>
Explanation:	An internal error occurred.
System Action:	The task terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35501</b>	<b>The JSF Client library has successfully initialized.</b>
Explanation:	The JSF Client library has successfully initialized.
User Response:	No response is required.
<b>PWX-35502</b>	<b>JSF exception thrown, module "<i>module</i>", line "<i>line_number</i>", message "<i>message</i>"</b>
Explanation:	A program error occurred within the JSF client library.
System Action:	Depending on the nature of the error, processing might continue.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35700</b>	<b>Fatal error. Unable to load PM Gateway library "<i>library</i>".</b>
Explanation:	The program has failed to load a required library.
System Action:	The job terminates.
User Response:	Contact Informatica Global Customer Support. Indicate the function being performed when the error occurred.
<b>PWX-35730</b>	<b>Library mis-match. Pwx enumerated type "<i>type</i>" does not match PM Classic enumerated type "<i>type</i>".</b>
Explanation:	An internal error occurred.
System Action:	The job terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35760</b>	<b>Fatal error. Library mis-match. Pwx enumerated type "<i>type</i>" does not match PM Mercury enumerated type "<i>type</i>".</b>
Explanation:	An internal error occurred.
System Action:	The job terminates.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-35800</b>	<b>Invalid segment number <i>segment_number</i>: Segment number should be between 1 and <i>max_number</i></b>
Explanation:	An internal error occurred.
System Action:	The task that encountered the error ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35801</b>	<b>Reader Thread initialization timed out</b>
Explanation:	An internal error occurred.
System Action:	The task that encountered the error ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35802</b>	<b><i>thread CreateMsgChannel failed, rc = return_code</i></b>
Explanation:	An internal error occurred.
System Action:	The task that encountered the error ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35803</b>	<b><i>thread WaitForMsg failed, rc = return_code</i></b>
Explanation:	An internal error occurred.
System Action:	The task that encountered the error ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35804</b>	<b><i>thread SendMsg failed, rc = return_code</i></b>
Explanation:	An internal error occurred.
System Action:	The task that encountered the error ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35805</b>	<b>Records written to cache: <i>records</i></b>
Explanation:	This message reports the number of records written to the cache.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-35806</b>	<b>Records read from cache: <i>records</i></b>
Explanation:	This message reports the number of records read from the cache.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-35807</b>	<b>Records cached = <i>cached</i>, records written = <i>written</i>, records skipped = <i>skipped</i></b>
Explanation:	PowerExchange skipped some cached records when writing to the output data set. The output data set does not contain all of the cached records because the logical parents of these records have been filtered out or dropped.
System Action:	Processing continues.

User Response: No response is required.

**PWX-35808      Reader thread detected writer thread terminated, reader terminating**

Explanation: An internal error occurred.

System Action: The task that encountered the error ends.

User Response: Contact Informatica Global Customer Support.

**PWX-35809      Writer thread detected reader thread terminated, writer terminating**

Explanation: An internal error occurred.

System Action: The task that encountered the error ends.

User Response: Contact Informatica Global Customer Support.

**PWX-35810      Current row primary key *current\_key\_value* is not ascending. Prior row key value *prior\_key\_value***

Explanation: An internal error occurred.

System Action: The task that encountered the error ends.

User Response: Contact Informatica Global Customer Support.

**PWX-35811      Error closing file "*filename*". rc1=*return\_code* rc2=*return\_code* rc3=*return\_code* Permanent error=*error\_code***

Explanation: PowerExchange encountered an error when closing the specified file.

System Action: The task that encountered the error ends.

User Response: Contact Informatica Global Customer Support.

**PWX-35812      Routine "*routine\_name*" in library "*library\_name*" is unavailable.**

Explanation: The required routine is not available in the specified library.

System Action: The task that encountered the error ends.

User Response: Look for accompanying messages about a load failure for the library. Also, verify that the library exists and is in the path. Then use the DTLINFO utility to get PowerExchange version information, and contact Informatica Global Customer Support.

**PWX-35813      Presence call discarded after unsuccessful Describe.**

Explanation: A presence call was discarded because of a previous error.

System Action: The task that encountered the error ends.

User Response: Look for accompanying messages about the previous error. Then contact Informatica Global Customer Support.

**PWX-35851      DTLQSTD routine "*routine\_name*" returned *code* (*description*).**

Explanation: The indicated DTLQSTD cache routine returned an error. This message provides the error code and description.

System Action: The task that encountered the error ends.

User Response: Contact Informatica Global Customer Support.

<b>PWX-35852</b>	<b>Warning. File header type detected for record "<i>record_name</i>".</b>
Explanation:	The multiple-record data map indicates that the specified record is marked as a file header. This record type occurs only at the start of a multiple-record file, before other record types. After PowerExchange writes all file header records to cache, it blocks the cache release algorithm. The cache is not released until PowerExchange writes all of the records in the file to cache.
System Action:	Because PowerExchange caches all records in a file for a multiple-record write operation, the cache can use a large amount of memory. In this case, data overflows to disk can occur.
User Response:	If the output file is small enough to fit in cache memory and on disk, ignore this message. If the output file is large and would use an excessive amount of cache, consider pre-processing the file header records to write them to a separate file. Process all of the other record types in the main workflow. Then merge the files.  If you need assistance, contact Informatica Global Customer Support.
<b>PWX-35853</b>	<b>routine Append() returned code (<i>description</i>). errno=code "<i>description</i>".</b>
Explanation:	The DTLQSTD append() routine returned an error while adding a new record to the sequencing and queuing cache. This situation can occur if the TMPDIR environment variable on Linux or UNIX or the TMP environment variable on Windows does not point to a directory that has enough disk space. Accompanying messages PWX-35860 to PWX-35864 provide additional information.
System Action:	The task that encountered the error terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35854</b>	<b>DTLQSTD routine "<i>name</i>" returned code (<i>description</i>). Queue name "<i>queue_name</i>".</b>
Explanation:	An error was returned from the DTLQSTD cache routine.
System Action:	The task that encountered the error terminates.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-35860</b>	<b>Spill files will be allocated in directory "<i>directory</i>" for target file "<i>file_name</i>". Environment variable "<i>var_name</i>". Memory Allocation Size <i>alloc_size</i>.</b>
Explanation:	If the layer that manages the sequencing and queuing cache requires more memory than the amount specified in the CSQ_MEMSIZE parameter of the <b>PWX Override</b> connection attribute, the caching layer spills cached records to the temporary files directory on disk. The temporary files directory is defined by the TMPDIR environment variable on Linux and Unix and by the TMP environment variable on Windows. If the TMPDIR or TMP environment variable is not defined, the current directory is used.
System Action:	Processing continues.
User Response:	No response is required. To reduce the number of spill files that are allocated, you can increase the cache memory by increasing the value of the CSQ_MEMSIZE parameter of the <b>PWX Override</b> connection attribute. To direct the allocation to a larger disk, you can change the value of the TMP environment variable on Windows or the TMPDIR environment variable on Linux or UNIX.

<b>PWX-35861</b>	<b>Spill file <i>allocation_number</i> with name "<i>file_name</i>" was allocated.</b>
Explanation:	The layer that manages the sequencing and queuing cache allocated the specified spill file name while staging records when writing to the multiple-record target file. The allocation number represents that number of spill files that were allocated during the multiple-record write session.
System Action:	Processing continues.
User Response:	No response is required. To reduce the number spill files allocated, you can increase the cache memory by increasing the value of the CSQ_MEMSIZE parameter of the <b>PWX Override</b> connection attribute. To direct the allocation to a larger disk, you can change the value of the TMP environment variable on Windows or the TMPDIR environment variable on Linux or UNIX.
<b>PWX-35862</b>	<b>Spill file <i>allocation_number</i> with name "<i>file_name</i>" was deallocated.</b>
Explanation:	The layer that manages the sequencing and queuing cache deallocated the spill file with the specified file name. The allocation number represents that number of spill files that were allocated during the multiple-record write session.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-35863</b>	<b>Spill file <i>number</i> with name "<i>file_name</i>" was assigned.</b>
Explanation:	The layer that manages the sequencing and queuing cache assigned a retained spill file to a new transaction. By default, three spill files are retained and are reassigned to new transactions to prevent excessive file deallocation and allocation activity.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-35864</b>	<b>Spill file <i>number</i> with name "<i>file_name</i>" was kept.</b>
Explanation:	The spill file with the specified file name was retained. By default, three spill files are retained and are reassigned to new transactions to prevent excessive file deallocation and allocation activity.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-35870</b>	<b>Primary key value zero is not allowed. Queue name "<i>queue_name</i>". Record number <i>rec_number</i>.</b>
Explanation:	<p>In a PowerCenter session that performs a multiple-record write to a nonrelational target, an attempt was made to insert a record with a primary key value of zero. This value is not allowed.</p> <p>Typically, PowerExchange generates primary keys automatically in the source definition when you select <b>Use Sequence Fields</b> in the <b>Import from PowerExchange</b> dialog box. If an attempt is made to generate primary keys within a workflow, rather than by selecting <b>Use Sequence Fields</b>, and the attempt does not produce correct values, this error message can result.</p>
System Action:	The task that encountered the error terminates.
User Response:	Fix the workflow so that it produces correct values.

<b>PWX-35871</b>	<b>Primary key <i>key_value</i> is not greater than the last written primary key <i>key_value</i>. Queue name "<i>queue_name</i>". Record number <i>record_number</i>.</b>
Explanation:	<p>In a PowerCenter session that performs a multiple-record write to a nonrelational target, an attempt was made to insert a record with an invalid primary key value. The layer that manages the sequencing and queuing cache requires that records that are inserted into a multiple-record file have unique ascending numerical values in the primary key column.</p> <p>Typically, PowerExchange generates primary keys automatically in the source definition when you select <b>Use Sequence Fields</b> in the <b>Import from PowerExchange</b> dialog box. If an attempt is made to generate primary keys within a workflow, rather than by selecting <b>Use Sequence Fields</b>, and the attempt does not produce correct values, this error message can result.</p>
System Action:	The task that encountered the error terminates.
User Response:	Fix the workflow so that it produces correct values.
<b>PWX-35872</b>	<b>Primary key <i>key_value</i> on the trailer record <i>record</i> is not greater than the last written primary key <i>key_value</i>.</b>
Explanation:	<p>A record marked as a trailer record has a primary key value that is less than the last data record released from the cache. This error can occur when a header record or data record is incorrectly marked as a trailer record. Trailer records are excluded from the main cache-release algorithm and are only processed when the input ends.</p>
System Action:	The task ends.
User Response:	Check the NRDB data map to determine whether the trailer record that caused the error should be marked as a header record or a data record.
<b>PWX-35880</b>	<b>Foreign key value zero is not allowed. Queue name "<i>queue_name</i>". Record number <i>record_number</i>.</b>
Explanation:	<p>In a PowerCenter session that performs a multiple-record write to a nonrelational target, an attempt was made to insert a record with a foreign key value of zero. This value is not allowed in the foreign key field of a child record.</p> <p>Typically, PowerExchange generates primary keys automatically in the source definition when you select <b>Use Sequence Fields</b> in the <b>Import from PowerExchange</b> dialog box. If an attempt is made to generate primary keys within a workflow, rather than by selecting <b>Use Sequence Fields</b>, and the attempt does not produce correct values, this error message can result.</p>
System Action:	The task that encountered the error terminates.
User Response:	Fix the workflow so that it produces correct values.
<b>PWX-35881</b>	<b>Foreign key <i>foreign_key</i> is greater than the primary key <i>primary_key</i>. Queue name "<i>queue_name</i>". Record <i>record_number</i>.</b>
Explanation:	<p>In a PowerCenter session that performs a multiple-record write to a nonrelational target, an attempt was made to insert a record with a foreign key value that is greater than the primary key value. The layer that manages the sequencing and queuing cache requires that records that are inserted into a multiple-record file have foreign key values that point to records that have already been processed.</p> <p>Typically, PowerExchange generates primary keys automatically in the source definition when you select <b>Use Sequence Fields</b> in the <b>Import from PowerExchange</b> dialog box. If an attempt is made to generate primary keys within a workflow, rather than by selecting <b>Use Sequence Fields</b>, and the attempt does not produce correct values, this error message can result.</p>

System Action: The task that encountered the error terminates.

User Response: Fix the workflow so that it produces correct values.

**PWX-35882 Foreign key *foreign\_key* is less than the last released foreign key *foreign\_key*. Queue name *queue\_name*. Primary key *primary\_key*.**

Explanation: In a PowerCenter session that performs a multiple-record write to a nonrelational target, an attempt was made to insert a record with an invalid foreign key value. The layer that manages the sequencing and queuing cache requires that records that are inserted into a multiple-record file have numerical values that do not descend in the foreign key column within a particular queue name.

Typically, PowerExchange generates primary keys automatically in the source definition when you select **Use Sequence Fields** in the **Import from PowerExchange** dialog box. If an attempt is made to generate primary keys within a workflow, rather than by selecting **Use Sequence Fields**, and the attempt does not produce correct values, this error message can result.

System Action: The task that encountered the error terminates.

User Response: Fix the workflow so that it produces correct values.

**PWX-35900 Internal Error: *error\_information* in module *module:line*.**

Explanation: A PowerExchange internal error occurred.

System Action: The task that encountered the error ends abnormally.

User Response: Contact Informatica Global Customer Support. Provide the error information in this message.

**PWX-35901 Operation System Error: *errno=error\_number* message=*strerr\_error\_information***

Explanation: An error resulted from an operating system or kernel function call. In this message, the "message=" text is from the operating system 'strerr' daemon.

System Action: The error is passed to the calling task.

User Response: If you cannot to determine cause of error, contact Informatica Global Customer Support.

## CHAPTER 5

# PWX-36000 to PWX-36999

This chapter includes the following topic:

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## PWX-36000 to PWX-36999

The following messages pertain to PowerExchange Express CDC for Oracle.

**PWX-36000**      **ORAD *rac\_member*: Internal error *error\_information* in module *module:line*.**

Explanation: During PowerExchange Express CDC for Oracle processing, an internal error occurred. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: CDC processing ends.

User Response: Contact Informatica Global Customer Support. Provide them with the error information from this message. Also, look for associated messages with additional diagnostic information.

**PWX-36001**      **ORAD *message\_type rac\_member*: Message *message\_number* issued at *redo\_log\_position*.**

Explanation: This message identifies the Oracle redo log position at which the condition that is reported in the referenced message occurred. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: If the referenced message is for an error, contact Informatica Global Customer Support. Provide Support with the diagnostic information in this message.

**PWX-36003**      **ORAD *rac\_member*: Dump of control block=*control\_block*, error=*error*, location=*module:line*.**

Explanation: A PowerExchange Express CDC for Oracle error occurred, which caused the contents of the specified control block to be dumped to the log. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: CDC processing ends.

User Response: Review associated messages, such as PWX-36004. Then try to correct the error.

**PWX-36004**      **ORAD *rac\_member*: + *diagnostic\_information***

Explanation: This message is a continuation of PWX-36003. It provides additional diagnostic information about the error. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.



User Response: Use this information to try to correct the error that is reported in PWX-36003.

**PWX-36006      ORAD Info *rac\_member*: + *diagnostic\_string***

Explanation: This message provides additional diagnostic information and is associated another informational message. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: If an error occurred, you might need to provide this diagnostic information to Informatica Global Customer Support.

**PWX-36010      ORAD Warn *rac\_member*: Trace option *trace\_option* was specified.**

Explanation: The specified trace was turned on for PowerExchange Express CDC for Oracle processing. The trace might degrade performance.

System Action: CDC processing continues.

User Response: If the trace is not needed or if it degrades performance, remove the TRACE option from the configuration.

**PWX-36043      ORAD Info *rac\_member*: Direct Path operation was processed for object *table\_object\_id* in transaction *transaction\_id*.**

Explanation: PowerExchange Express CDC for Oracle captured an Oracle direct-path INSERT or load operation from the specified transaction for the source table with specified object ID. Express CDC can capture direct-path operations because the SUPPORT\_DIRECT\_PATH\_OPS parameter in the OPTIONS statement of the Express CDC configuration file is set to Y.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36044      ORAD Info *rac\_member*: Direct Path operation was bypassed for object *table\_object\_id* in transaction *transaction\_id*.**

Explanation: PowerExchange Express CDC for Oracle skipped capturing an Oracle direct-path INSERT or load operation for the source table with the specified object ID because the SUPPORT\_DIRECT\_PATH\_OPS parameter in the OPTIONS statement of the Express CDC configuration file is set to N. This default parameter value causes Express CDC to bypass direct-path operations.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36045      ORAD Warn *rac\_member*: component found unexpected issue: *issue at rba\_scn*.**

Explanation: A PowerExpress Express CDC for Oracle component encountered an unexpected issue at the specified redo log position and continued processing. If you perform CDC in an Oracle RAC environment, this message also includes the name of the relevant RAC member.

System Action: CDC processing continues.

User Response: Contact Informatica Global Customer Support to report this warning.

**PWX-36046      ORAD *rac\_member*: Log parser found unexpected error. *error\_description*.**

Explanation: While parsing the Oracle redo logs, the PowerExchange Express CDC log parser encountered an error. If you perform CDC in an Oracle RAC environment, this messages includes the name of the relevant RAC member.

System Action:	CDC processing ends abnormally.
User Response:	Contact Informatica Global Customer Support. Provide them with the error description in this message.
<b>PWX-36047</b>	<b>ORAD rac_member: SCN sequence is not valid. Current SCN hexadecimal_scn (numeric_scn) is less than the previous SCN hexadecimal_scn (numeric_scn) ) on instance# instance.</b>
Explanation:	The Oracle redo log contains a record with an SCN value that is not in ascending order. If you perform CDC in an Oracle RAC environment, this messages includes the name of the relevant RAC member.
System Action:	CDC processing ends abnormally.
User Response:	Contact Informatica Global Customer Support. Provide them with the information from this message.
<b>PWX-36048</b>	<b>ORAD rac_member: Log parser encountered an unsupported VLD validation_code in a redo record. Ensure that minimal supplemental logging is enabled.</b>
Explanation:	While reading Oracle redo logs, the PowerExchange Express CDC log parser encountered an Oracle VLD value that is not supported. This error occurs because minimal supplemental logging was not enabled for the Oracle database when the redo log was written. Message PWX-36001 reports the log RBA and SCN of the redo record that has the incorrect VLD value in its header. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	CDC processing ends. PowerExchange issues message PWX-36001 to report the log RBA and SCN for the failing redo entry.
User Response:	Verify that the Oracle SQL command ALTER SYSTEM SWITCH LOGFILE was issued after minimal supplemental logging was enabled for the Oracle database.
<b>PWX-36049</b>	<b>ORAD rac_member: An unknown redo VLD code 'code' was encountered.</b>
Explanation:	An internal error occurred. PowerExchange encountered a VLD code in a redo log record that it did not recognize. Message PWX-36001 reports the log RBA and SCN of the log record that has the unknown VLD code. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	CDC processing ends abnormally.
User Response:	Contact Informatica Global Customer Support. Provide them with the information from this message.
<b>PWX-36050</b>	<b>ORAD Warn rac_member: Error reported in message message_id was bypassed because PARSEERRORSTOP=N.</b>
Explanation:	While parsing Oracle archive logs, the PowerExchange Express CDC redo record parser bypassed a noncritical error because the PARSEERRORSTOP parameter is set to N in the PowerExchange Express CDC configuration file. Usually, the PARSEERRORSTOP parameter is set to N at the direction of Informatica Global Customer Support. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange ignores the redo operation that is associated with the error, and CDC processing continues.

User Response:	See the referenced error message for information about the error. Verify that the error was acceptable to bypass. If you do not want to bypass errors of this type, contact Informatica Global Customer Support for assistance with setting the PARSEERRORSTOP parameter to Y. With this setting, CDC processing stops whenever a noncritical error occurs.
<b>PWX-36051</b>	<b>ORAD <i>rac_member</i>: Parser is stopping because of fatal error <i>error_code</i>.</b>
Explanation:	While parsing Oracle archive logs, the PowerExchange Express CDC redo record parser encountered a fatal error. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	CDC processing ends abnormally.
User Response:	For more information, look up the PowerExchange error code. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-36052</b>	<b>ORAD Info <i>rac_member</i>: Parser detected member down with last SCN <i>scn</i>.</b>
Explanation:	The PowerExchange Express CDC for Oracle parser received notification that the specified RAC member stopped running. The message indicates the last SCN that was recorded before the member stopped.
User Response:	No response is required.
<b>PWX-36053</b>	<b>ORAD Info <i>rac_member</i>: Parser detected member up at SCN <i>scn</i>.</b>
Explanation:	The PowerExchange Express CDC for Oracle parser received notification that the specified RAC member started running at the specified SCN.
User Response:	No response is required.
<b>PWX-36054</b>	<b>ORAD Warn: STANDBY connection has been closed. The database instance is not a physical standby.</b>
Explanation:	PowerExchange Express CDC for Oracle established a connection to an Oracle database by using the credentials in the STANDBY statement in the Express CDC configuration file, pwxorad.cfg. However, the database role is not physical standby.
System Action:	PowerExchange Express CDC closed the database connection and then established a new connection to the database without using the STANDBY credentials.
User Response:	Remove the STANDBY statement from the PowerExchange Express CDC configuration file.
<b>PWX-36055</b>	<b>ORAD Error: Requested start time <i>time</i> is not between <i>low_time</i> and <i>current_time</i>.</b>
Explanation:	The requested start time for Oracle change data capture is not within the valid range of times that is specified in this message. In this message, time values are Oracle log times in the format of yyyy/mm/dd hh:mm:ss.
System Action:	The capture process ends.
User Response:	Edit the requested start time so that is within the valid range of values. Then start capture processing.
<b>PWX-36056</b>	<b>ORAD Info: Start from time <i>requested_time</i>. Capture process will begin reading logs from SCN <i>scn</i>.</b>
Explanation:	Based on the requested start time, the change data capture process will begin reading the Oracle redo logs from the specified SCN.
User Response:	No response is required.

<b>PWX-36057</b>	<b>ORAD Info: Start from time <i>requested_time</i>. Capture process is returning changes from SCN <i>scn</i>.</b>
Explanation:	Based on the requested start time, the change data capture process has started returning Oracle change data from the specified the SCN.
User Response:	No response is required.
<b>PWX-36060</b>	<b>OCI Info: Creating OCI environment.</b>
Explanation:	PowerExchange is creating an Oracle Call Interface (OCI) environment for Oracle change data capture.
User Response:	No response is required.
<b>PWX-36061</b>	<b>OCI Info: Creating OCI error handle.</b>
Explanation:	PowerExchange Oracle CDC is creating an Oracle Call Interface (OCI) error handle.
User Response:	No response is required.
<b>PWX-36062</b>	<b>OCI Info: Creating OCI server handle.</b>
Explanation:	PowerExchange Oracle CDC is creating an Oracle Call Interface (OCI) server handle.
User Response:	No response is required.
<b>PWX-36063</b>	<b>OCI Info: Creating OCI service context handle.</b>
Explanation:	PowerExchange Oracle CDC is creating an Oracle Call Interface (OCI) service context handle.
User Response:	No response is required.
<b>PWX-36064</b>	<b>OCI Info: Connecting to <i>oracle_server_name</i> server.</b>
Explanation:	PowerExchange Oracle CDC is connecting to the specified Oracle server.
User Response:	No response is required.
<b>PWX-36065</b>	<b>OCI Info: Setting OCI service context server attribute.</b>
Explanation:	PowerExchange Oracle CDC is setting an Oracle Call Interface (OCI) service context server attribute.
User Response:	No response is required.
<b>PWX-36066</b>	<b>OCI Info: Creating OCI session handle.</b>
Explanation:	PowerExchange Oracle CDC is creating an Oracle Call Interface (OCI) session handle.
User Response:	No response is required.
<b>PWX-36067</b>	<b>OCI Info: Setting session userid attribute to <i>&lt;user_id&gt;</i>.</b>
Explanation:	PowerExchange Oracle CDC is setting the Oracle Call Interface (OCI) session userid attribute to <i>user_id</i> .
User Response:	No response is required.
<b>PWX-36068</b>	<b>OCI Info: Setting session password attribute to <i>&lt;password&gt;</i>.</b>
Explanation:	PowerExchange Oracle CDC is setting the Oracle Call Interface (OCI) session password attribute to <i>password</i> .

User Response:	No response is required.
<b>PWX-36069</b>	<b>OCI Info: Creating OCI session.</b>
Explanation:	PowerExchange Oracle CDC is creating an Oracle Call Interface (OCI) session.
User Response:	No response is required.
<b>PWX-36070</b>	<b>OCI Info: Setting OCI service context session attribute.</b>
Explanation:	PowerExchange Oracle CDC is setting an Oracle Call Interface (OCI) service context session attribute.
User Response:	No response is required.
<b>PWX-36071</b>	<b>OCI Info: Oracle session setup successful: <i>Oracle_version</i>.</b>
Explanation:	PowerExchange successfully set up an Oracle Call Interface (OCI) session for an Oracle instance of the specified version.
User Response:	No response is required.
<b>PWX-36072</b>	<b>OCI Info: Processing attribute <i>&lt;attribute_name&gt;</i> value <i>&lt;value&gt;</i>.</b>
Explanation:	PowerExchange Oracle CDC is processing the Oracle Call Interface (OCI) attribute that has the specified value.
User Response:	No response is required.
<b>PWX-36073</b>	<b>OCI Info: Loading OCI module <i>&lt;module_name&gt;</i>.</b>
Explanation:	PowerExchange Oracle CDC is loading the specified Oracle Call Interface (OCI) module.
User Response:	No response is required.
<b>PWX-36074</b>	<b>OCI Info: OCI client version is <i>version</i>.</b>
Explanation:	This message reports the Oracle Call Interface (OCI) client version that PowerExchange loaded.
User Response:	No response is required.
<b>PWX-36075</b>	<b>OCI Error: <i>error_text</i>.</b>
Explanation:	PowerExchange encountered an Oracle Call Interface (OCI) error. This message reports information about the error.
System Action:	Oracle CDC processing ends abnormally.
User Response:	For more information about the error, review the associated messages. Then try to correct the error.
<b>PWX-36076</b>	<b>OCI Error: SQL Text <i>&lt;sql&gt;</i>.</b>
Explanation:	PowerExchange encountered an Oracle Call Interface (OCI) error that is related to the specified SQL statement.
System Action:	Oracle CDC processing ends abnormally.
User Response:	For more information about the error, review the associated messages. Then try to correct the error.

<b>PWX-36077</b>	<b>OCI Error: Bind failed for parameter <i>bind_parameter</i>.</b>
Explanation:	A PowerExchange bind operation for the Oracle Call Interface (OCI) failed. The failure is related to the specified bind parameter.
System Action:	Oracle CDC processing ends abnormally.
User Response:	For more information about the error, review the associated messages. Then try to correct the error.
<b>PWX-36078</b>	<b>OCI Error: Get failed for OCI attribute <i>attribute_name</i>.</b>
Explanation:	A PowerExchange get operation for the specified Oracle Call Interface (OCI) attribute failed.
System Action:	Oracle CDC processing ends abnormally.
User Response:	For more information about the error, review the associated messages. Then try to correct the error.
<b>PWX-36079</b>	<b>OCI Error: Set failed for OCI attribute <i>attribute_name</i>.</b>
Explanation:	A PowerExchange set operation for the specified Oracle Call Interface (OCI) attribute failed.
System Action:	Oracle CDC processing ends abnormally.
User Response:	For more information about the error, review the associated messages. Then try to correct the error.
<b>PWX-36080</b>	<b>ORAD Info <i>rac_member</i>: Connecting to Oracle <i>server_name</i> as <i>Oracle_user_name</i>.</b>
Explanation:	PowerExchange is connecting to the Oracle server under the specified Oracle user name to perform CDC processing. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36081</b>	<b>ORAD Info <i>rac_member</i>: Closing Oracle connection.</b>
Explanation:	PowerExchange is closing a connection to the Oracle server. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36082</b>	<b>OCI Info: SQL Statement object SQL string <i>=[sql_string]</i>.</b>
Explanation:	PowerExchange set the specified SQL string for an Oracle Call Interface (OCI) SQL statement object.
User Response:	No response is required.
<b>PWX-36083</b>	<b>OCI Info: SQL Statement object status <i>status_value</i>.</b>
Explanation:	This message identifies the status of an Oracle Call Interface (OCI) SQL statement object that is involved in PowerExchange Oracle CDC.
User Response:	No response is required.
<b>PWX-36084</b>	<b>ORAD Info <i>rac_member</i>: Connected to Oracle instance <i>instance_name</i>.</b>
Explanation:	PowerExchange Express CDC for Oracle connected to the specified Oracle database for change data capture. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36085      ORAD *rac\_member*: Connection to Oracle server *server\_name* failed.**

Explanation: A PowerExchange Express CDC for Oracle attempt to connect to an Oracle server failed. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: PowerExchange Express CDC processing ends.

User Response: Check the message log for Oracle error messages that are related to the failure.

**PWX-36086      ORAD Info: Reconnecting to Oracle using connect string *connection\_string*. Attempt *attempt\_number* of *maximum\_retry\_attempts*.**

Explanation: After a connection to an Oracle source was dropped, PowerExchange Express CDC for Oracle tried to reconnect to the Oracle source database or ASM instance the specified number of times. This message also indicates the maximum number of retry attempts allowed, which is set with the CONNRETRYMAX parameter in the OPTIONS statement of the PowerExchange Express CDC configuration file. The time interval between retry attempts is set in the CONNRETRYWAIT parameter in the OPTIONS statement.

User Response: No response is required.

**PWX-36087      ORAD Info: Reconnect succeeded.**

Explanation: After a connection to an Oracle source was dropped, PowerExchange Express CDC for Oracle successfully reconnected to the Oracle source database or ASM instance.

User Response: No response is required.

**PWX-36088      ORAD Info *rac\_member*: Truncated LWN encountered in log file *file\_name*, sequence *log\_sequence\_number*.**

Explanation: While Oracle was writing redo blocks for a LWN, an Oracle failure occurred. After the Oracle database was restarted and PowerExchange Express for Oracle resumed processing, Express CDC detected that the specified archived Oracle redo log is incomplete. The log does not contain all of the redo blocks for the LWN that was being processed at the time of the failure. This situation occurs under exceptional circumstances such as a catastrophic I/O failure.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36090      ORAD Info: A new database incarnation with resetlogs ID *resetlogs\_ID* resetlogs SCN *SCN* encountered during processing.**

Explanation: The PowerExchange Express CDC for Oracle log reader encountered a new database incarnation when reading the archived redo logs.

User Response: PowerExchange Express CDC capture processing continues.

System Action: No response is required.

<b>PWX-36091</b>	<b>ORAD: Last processed SCN SCN is greater than first SCN SCN for database incarnation with resetlogs ID <i>resetlogs_ID</i>.</b>
Explanation:	An Oracle OPEN DATABASE RESETLOGS operation created the database incarnation with the specified resetlogs ID and set a new SCN for the online redo logs. However, the new SCN is less than the SCN for which PowerExchange Express CDC for Oracle last processed change records. The change data that PowerExchange Express CDC previously processed is no longer valid.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	If the invalid change data was hardened to the PowerExchange Logger for Linux, UNIX, and Windows log files, you must cold start or special start the PowerExchange Logger. You might also need to rematerialize the target tables.
<b>PWX-36092</b>	<b>ORAD: Database incarnation with resetlogs ID <i>resetlogs_ID</i> has become orphaned during processing.</b>
Explanation:	During PowerExchange Express CDC for Oracle processing, a RESETLOGS event caused the database incarnation with the specified resetlogs ID to become orphaned.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	You must cold start or special start the PowerExchange Logger for Linux, UNIX, and Windows. You might also need to rematerialize the target tables.
<b>PWX-36093</b>	<b>ORAD: Database resetlogs ID <i>resetlogs_ID</i> for start SCN SCN does not match start resetlogs ID <i>start_resetlogs_ID</i>.</b>
Explanation:	After a RESETLOGS event, the resetlogs ID for the database incarnation that contains the specified PowerExchange restart SCN does not match the resetlogs ID in the restart token. This situation can occur if the database was recovered to a point prior to the restart SCN. All of the data captured after the recovery point can be considered to be not valid.
System Action:	PowerExchange Express CDC for Oracle processing ends abnormally.
User Response:	You must cold start or special start the PowerExchange Logger for Linux, UNIX, and Windows. You might also need to rematerialize the target tables.
<b>PWX-36094</b>	<b>ORAD: The database Incarnation for resetlogs ID <i>resetlogs_ID</i> for start SCN SCN does not contain the last captured SCN SCN.</b>
Explanation:	The database incarnation that contains the PowerExchange restart SCN does not contain the SCN of the last commit captured. This problem might occur if the database was recovered to a point prior to the last commit captured. All of the data that was captured data after the recovery point can be considered to be invalid.
System Action:	PowerExchange Express CDC for Oracle processing ends abnormally.
User Response:	You must cold start or special start the PowerExchange Logger for Linux, UNIX, or Windows. You might also need to rematerialize the target tables.
<b>PWX-36095</b>	<b>ORAD: Start SCN SCN not found in any database incarnation.</b>
Explanation:	The start SCN for PowerExchange Express CDC for Oracle processing is not in the SCN range for the current database incarnation or any available prior database incarnation.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	Provide a valid restart point for PowerExchange Express CDC. Then restart the CDC session.



<b>PWX-36096</b>	<b>ORAD Info: Processing multitenant PDB name <i>pdb_name</i>, CON_ID <i>container_id</i>, CON_UID <i>unique_container_id</i>.</b>
Explanation:	PowerExchange Express CDC for Oracle is processing a pluggable database (PDB) in an Oracle multitenant container database (CDB). This message provides the PDB name and the container ID (CON_ID) and unique container ID (CON_UID) of the PDB.
User Response:	No response is required.
<b>PWX-36097</b>	<b>ORAD: Archive log file <i>&lt;file_name&gt;</i>, thread <i>thread_id</i>, sequence <i>log_sequence_number</i> in not accessible. Reason: <i>operating_system_reason</i>.</b>
Explanation:	During initialization of PowerExchange Express CDC for Oracle, PowerExchange determined that the specified archive log cannot be accessed for change data capture. The message includes the reason code returned from the operating system.
System Action:	PowerExchange Express CDC processing ends.
User Response:	Verify that the permissions for the capture process are correct. If necessary, restore the archive log.
<b>PWX-36098</b>	<b>ORAD Info <i>rac_member</i>: Reader is waiting for apply to progress on a physical standby database. Current database SCN is <i>db_scn</i>.</b>
Explanation:	A PowerExchange Express CDC for Oracle Reader that reads change data from a Data Guard physical standby database is waiting for archived logs from the primary database to be applied to the standby database.
System Action:	Capture processing is suspended until the logs are applied to the standby database.
User Response:	No response is required.
<b>PWX-36099</b>	<b>ORAD Info <i>rac_member</i>: Reader is waiting for log sequence <i>log_sequence_number</i> to be made available.</b>
Explanation:	A PowerExchange Express CDC for Oracle Reader that runs in offline mode is waiting for the next log to become available. This message provides the sequence number of the log for which the Reader is waiting.
System Action:	Capture processing is suspended until the log is available.
User Response:	No response is required.
<b>PWX-36100</b>	<b>ORAD Warn: Redo log file <i>file_name</i> rejected: DBID <i>database_identifier</i> does not match the expected value <i>database_identifier</i>.</b>
Explanation:	In offline mode, the PowerExchange Express CDC for Oracle log reader discovered Oracle redo log files for more than one database.
System Action:	PowerExchange Express CDC processing continues and uses the redo logs for the first database ID that the reader discovered.
User Response:	Modify the log directory and file-name mask so that they match on the redo logs for the target database only.
<b>PWX-36101</b>	<b>ORAD: Thread index <i>index_value</i> is not valid.</b>
Explanation:	A PowerExchange internal error occurred because a CDC thread index value is not valid.
System Action:	PowerExchange Express CDC for Oracle processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-36102</b>	<b>ORAD: Start SCN SCN with resetlogs ID <i>resetlogs_ID</i> is not in the valid SCN range of <i>low_SCN</i> to <i>high_SCN</i> for THREAD# <i>thread_number</i>.</b>
Explanation:	The PowerExchange start SCN that is associated with the specified resetlogs ID in the restart token does not identify a valid position in any available redo log file for the thread. The restart SCN must be in the range of valid SCN values.
System Action:	PowerExchange Express CDC for Oracle capture processing ends abnormally.
User Response:	Correct the PowerExchange restart information. For information about setting restart points, see the <i>PowerExchange CDC Guide for Linux, UNIX, and Windows</i> .
<b>PWX-36103</b>	<b>ORAD: No redo logs match Oracle log reader parameters for log file selection.</b>
Explanation:	PowerExchange did not find a redo log file that matches the redo log directory and file-name mask that you specified for the Express CDC log reader in the PowerExchange Express CDC for Oracle configuration file.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	Correct the log reader parameters in the PowerExchange Express CDC for Oracle configuration file. Then restart the CDC session.
<b>PWX-36104</b>	<b>ORAD: Redo log file <i>file_name</i>: New THREAD# <i>thread_number</i> detected after initialization processing.</b>
Explanation:	During offline processing of the specified redo log file, the PowerExchange Express CDC for Oracle log reader detected an Oracle THREAD# value that was not identified at Oracle initialization. This thread might be for a new RAC member or log file. All threads must be identified at Oracle initialization.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	In a RAC environment, edit the MEMBERS parameter in the PowerExchange Express CDC for Oracle configuration file to update the number of RAC members. Otherwise, contact Informatica Global Customer Support. After you update the configuration file, start the CDC session again.
<b>PWX-36105</b>	<b>ORAD: New THREAD# <i>thread_number</i> detected after initialization processing.</b>
Explanation:	During online processing of redo logs, the PowerExchange Express CDC for Oracle log reader detected an Oracle THREAD# value that was not identified at Oracle initialization. This thread might be for a new RAC member or log file. All threads must be identified at Oracle initialization.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	In a RAC environment, edit the MEMBERS parameter in the PowerExchange Express CDC for Oracle configuration file to update the number of RAC members. Otherwise, contact Informatica Global Customer Support. After you update the configuration file, start the CDC session again.
<b>PWX-36106</b>	<b>ORAD: Log reader cannot find a redo log for THREAD# <i>thread_number</i> and log sequence number <i>sequence_number</i>.</b>
Explanation:	In the set of redo logs for the specified Oracle thread, the PowerExchange Express CDC for Oracle log reader cannot find a redo log file that has the specified sequence number.
System Action:	PowerExchange Express CDC processing ends abnormally.

User Response:	Restore the redo log file that has the specified sequence number. If you cannot restore it, materialize the target again. Then cold start the CDC session.
<b>PWX-36107</b>	<b>ORAD: Log reader requested an alternate log for THREAD# <i>thread_number</i> sequence <i>sequence_number</i> and no alternate was available.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader could not read the redo log file with the specified sequence number for the specified Oracle thread. As a result, the log reader requested an alternate redo log. However, an alternate log with the specified sequence number was not found.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	To determine the cause of the log read error, review other messages that are associated with this error.
<b>PWX-36108</b>	<b>ORAD: Log gap detected processing THREAD# <i>thread_number</i>. Last log sequence found was <i>sequence_number</i>, next sequence found is <i>sequence_number</i>, SCN <i>scn</i>.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader detected a gap in the sequence of redo log files for the specified Oracle thread. The sequence numbers of the log files must be in consecutive, ascending order.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	Restore the redo log files that are needed to correct the log gap. If you cannot restore these log files, rematerialize the target. Then cold start the CDC session.
<b>PWX-36109</b>	<b>ORAD: Database archive logging is disabled. Archive logging is required for change capture.</b>
Explanation:	Archive logging is not enabled for the Oracle database. PowerExchange Express CDC for Oracle requires that archive logging is enabled.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	Enable ARCHIVELOG mode for the Oracle database. Also, specify an archive log destination if you do not want to use the default destination.
<b>PWX-36110</b>	<b>ORAD: SQL Error in procedure <i>procedure_name</i>. Error Code is: <i>code</i>. Error text is: <i>text</i>.</b>
Explanation:	During PowerExchange Express CDC for Oracle processing, a PowerExchange SQL call to Oracle failed.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	To determine the cause of the error, review the error text in this message. Then try to correct the error.
<b>PWX-36111</b>	<b>ORAD Warn <i>rac_member</i>: Information not found for current active log for sequence <i>log_sequence_number</i>. Possible log switch delay.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader detected a redo log switch but did not receive information for the next redo log file in the log sequence, which should be the newly active log. This error might occur because the log switch did not complete. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader continues to poll Oracle for the active redo log information.
User Response:	Review the Oracle alert log to determine if the last log switch did not complete successfully.

<b>PWX-36112</b>	<b>ORAD Warn: Failed to find any active logs for THREAD# <i>thread_number</i>, GROUP# <i>log_group</i>.</b>
Explanation:	All active redo logs for the specified Oracle supplemental log group and thread are excluded from PowerExchange Express CDC for Oracle processing. For more information, see accompanying messages PWX-36502 to PWX-36504.
System Action:	Processing continues until PowerExchange Express CDC tries to access to the online redo log files for the thread group.
User Response:	If you defined the ACTIVELOGMASK parameter in the READER statement of the PowerExchange Express CDC for Oracle configuration file, verify that the mask is correct. If you use Automatic Storage Management (ASM), verify that you correctly defined ASM connection parameters in the READER statement.
<b>PWX-36113</b>	<b>ORAD Info <i>rac_member</i>: Server log file <i>server_file_name</i> will be processed locally as <i>local_file_name</i>.</b>
Explanation:	Based on the file-name substitution criteria in the DIRSUB statement in the PowerExchange Express CDC for Oracle configuration file, PowerExchange translates the redo log file name from the Oracle server into the specified local file name on the local PowerExchange system. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange Express CDC for Oracle uses the local file name to process the log file locally.
User Response:	No response is required.
<b>PWX-36114</b>	<b>ORAD: Database version <i>version</i> is less than the minimum level required for active processing.</b>
Explanation:	The version of the Oracle database that you are using for PowerExchange Express CDC for Oracle is earlier than the minimum version that PowerExchange supports.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	If possible, upgrade the Oracle instance to a version that PowerExchange supports. If you cannot upgrade Oracle, contact Informatica Global Customer Support.
<b>PWX-36115</b>	<b>ORAD Info: Directory <i>directory_name</i> does not exist or is not accessible. System errno=<i>error_number</i>, error text=<i>error_text</i>.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader is running in offline mode and cannot access the specified redo log directory for log discovery.
System Action:	PowerExchange Express CDC processing continues.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, ensure that the DIR parameter in the READER statement and the DIRSUB statement are correct.
<b>PWX-36116</b>	<b>ORAD: Log reader cannot determine the archived log block size because v\$archived_log contains no log records.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader cannot determine the archived log block size because it found no archived logs in the V\$ARCHIVED_LOG view. The log reader gets this information from V\$ARCHIVED_LOG when it runs in ACTIVE or ARCHIVEONLY mode. Log reader initialization fails.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	Perform a redo log file switch to ensure that at least one log is archived.

<b>PWX-36117</b>	<b>ORAD Info <i>rac_member</i>: Reader is waiting for archive log sequence <i>log_sequence_number</i> with start SCN <i>scn</i>.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader is running in ARCHIVEONLY or ARCHIVECOPY mode and waiting for the active redo log that has the specified sequence number and start SCN to be archived or copied. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange Express CDC is idle until the archived log is available.
User Response:	No response is required.
<b>PWX-36118</b>	<b>ORAD Info: Oracle member# <i>thread_number</i> is down at SCN <i>current_system_scn</i>.</b>
Explanation:	The PowerExchange Express CDC log manager detected that a RAC member stopped running. The message reports the current SCN at the time the member stopped.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36119</b>	<b>ORAD Info: Oracle member# <i>thread_number</i> is now active at SCN <i>current_system_scn</i>.</b>
Explanation:	An inactive RAC member became active. This message reports the current system SCN at the time the member status changed to active.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36120</b>	<b>ORAD Warn: Log Manager connection lost to Oracle database <i>database_name</i> instance <i>instance</i>. Retrying connection.</b>
Explanation:	The PowerExchange Express CDC log manager connection to the specified Oracle database and instance was unexpectedly terminated.
System Action:	The log manager tries to connect to the Oracle database again.
User Response:	No response is required.
<b>PWX-36121</b>	<b>ORAD: Log Manager connection lost to Oracle database <i>database_name</i> instance <i>instance</i>. Aborting capture.</b>
Explanation:	The PowerExchange Express CDC log manager lost its connection to the specified Oracle database and instance.
System Action:	CDC processing ends abnormally.
User Response:	Correct any errors and restart capture processing.
<b>PWX-36122</b>	<b>ORAD Info: Log Manager connection successful for Oracle database <i>database_name</i> instance <i>instance</i>.</b>
Explanation:	The PowerExchange Express CDC log manager successfully reconnected to the specified Oracle database and instance.
System Action:	CDC processing continues.
User Response:	No response is required.

<b>PWX-36123</b>	<b>ORAD Warn <i>rac_member</i>: Information not found for archive log sequence <i>sequence_number</i>. Possible log archive delay.</b>
Explanation:	The PowerExchange Express CDC log reader detected a log switch from Oracle active logs to archive logs. However, information for the next log in the sequence is not yet available. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange continues to poll Oracle for log information.
User Response:	Examine the Oracle alert log to determine if any problems are preventing log switch completion.
<b>PWX-36124</b>	<b>ORAD Warn <i>rac_member</i>: Information not found for alternate log sequence <i>sequence_number</i>. Possible log switch/archive delay.</b>
Explanation:	The PowerExchange Express CDC reader requested an Oracle log switch from an archive log to an alternate log. However, the log sequence information is not yet available.
System Action:	PowerExchange continues to poll Oracle for the log information.
User Response:	Examine the Oracle alert log to determine if any problems are preventing log switch completion.
<b>PWX-36125</b>	<b>ORAD: Failed to find any active logs matching the supplied parameters.</b>
Explanation:	PowerExchange Express CDC for Oracle did not find active logs for any thread based on the supplied parameters.
System Action:	PowerExchange Express CDC capture processing ends.
User Response:	If an active log mask is specified, verify that it is correct. If you configured Oracle to write logs to ASM, verify that the ASM connection parameters are specified.
<b>PWX-36126</b>	<b>ORAD: Database Thread count <i>number_of_threads</i> does not match the MEMBERS parameter <i>rac_members</i>.</b>
Explanation:	In the PowerExchange Express CDC for Oracle configuration file, the MEMBERS parameter in the RAC statement specifies a number of members that does not match the number of database threads. The number of members and number of threads must match.
System Action:	CDC processing ends abnormally.
User Response:	Edit the RAC MEMBERS parameter to specify the correct number of active and inactive members in the RAC. Then restart the CDC session.
<b>PWX-36127</b>	<b>ORAD: Database is not RAC and multiple open threads <i>&lt;number_of_threads&gt;</i> found.</b>
Explanation:	PowerExchange Express CDC for Oracle detected multiple open threads for an Oracle database that has the Oracle parameter setting of cluster_database=false, which indicates the database is not a RAC database. However, PowerExchange Express CDC supports multiple open threads only for RAC databases.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	Disable the redundant threads.
<b>PWX-36130</b>	<b>ORAD <i>rac_member</i>: Opening Log file. File name not set.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader encountered an internal error when trying to open a redo log file. The log reader cannot determine the log file name. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The log reader continues to poll Oracle for redo log information.

User Response: Contact Informatica Global Customer Support.

**PWX-36131      ORAD *rac\_member*: Redo log file *file\_name*: File header information is missing.**

Explanation: The specified redo log file does not contain the information that PowerExchange Express CDC for Oracle requires in the first block of the file header. The file might not be a log file, or it might be a corrupted log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The Express CDC log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Restore the log file, or if you cannot restore the log file, rematerialize the target. Then cold start the CDC session.

**PWX-36132      ORAD *rac\_member*: Redo log file *file\_name*: File type *0xhexadecimal\_type* is not that of a Redo Log.**

Explanation: The specified redo log file does not contain the file identifier that the PowerExchange Express CDC for Oracle log reader requires. The file might not be a log file, or it might be a corrupted log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Restore the log file, or if you cannot restore it, rematerialize the target. Then cold start the CDC session.

**PWX-36133      ORAD *rac\_member*: Redo log file *file\_name*: Blocksize *block\_size* is not a valid value.**

Explanation: The block size of the specified redo log file is not valid. The file might not be a log file, or it might be a corrupted log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The PowerExchange Express CDC for Oracle log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Restore the log file, or if you cannot restore the log file, rematerialize the target. Then cold start the CDC session.

**PWX-36134      ORAD *rac\_member*: Start read position *start\_position* is greater than the file size *size*.**

Explanation: The PowerExchange Express CDC for Oracle log reader tried to start a redo log read operation at a log position that is beyond the end of the log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: PowerExchange Express CDC processing ends abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-36135      ORAD *rac\_member*: Redo log file *file\_name*: File start position *position* is greater than file length *length*.**

Explanation: The start position of the specified Oracle redo log file is greater than actual file length. The file might be corrupt, or a file system error might have occurred.

System Action: The PowerExchange Express CDC for Oracle log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Restore the log file. If you cannot restore the log file, rematerialize the target and cold start the CDC session.

**PWX-36136 ORAD *rac\_member*: Redo log file *file\_name*: Log header information is missing.**

Explanation: The specified redo log file does not contain the information that the PowerExchange Express CDC for Oracle log reader requires in the second block of the file header. The file might not be a log file, or it might be a corrupted log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Restore the log file, or if you cannot restore the log file, rematerialize the target. Then cold start the CDC session.

**PWX-36137 ORAD *rac\_member*: Redo log file *file\_name*: Log Header file type *0xhexadecimal\_type* is not that of a Redo Log.**

Explanation: The specified redo log file does not contain information that the PowerExchange Express CDC for Oracle log reader requires in the second block of the file header. The file might not be a log file, or it might be a corrupted log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Restore the log file, or if you cannot restore the log file, rematerialize the target. Then cold start the CDC session.

**PWX-36138 ORAD *rac\_member*: Redo log file *file\_name*: Log file sequence *sequence\_number* does not match the expected value *sequence\_number*.**

Explanation: In the specified redo log file, the second block of the file header contains a sequence number that does not match the sequence number that PowerExchange Express CDC for Oracle expects. The file might not be a log file, or it might be a corrupted log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The PowerExchange Express CDC log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Try to identify the correct redo log file. If you cannot identify it, rematerialize the target. Then cold start the CDC session.

**PWX-36139 ORAD *rac\_member*: Redo log file *file\_name*: Log header invalid:  
DBID *database\_identifier* expected *database\_identifier*:  
THREAD# *thread\_number* expected *thread\_number*:  
resetlogs ID *SCN/resetlogs\_ID* expected *SCN/resetlogs\_ID*.**

Explanation: In the specified Oracle redo log file, the second block contains an invalid header with unexpected values for the DBID, THREAD#, or RESETLOGS SCN or ID. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The PowerExchange Express CDC for Oracle log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.

User Response: Try to identify the correct redo log file. If you cannot identify it, rematerialize the target. Then cold start the CDC session.



<b>PWX-36140</b>	<b>ORAD Warn <i>rac_member</i>: Redo log file <i>file_name</i>: I/O operation failed with rc=<i>return_code</i> : error no=<i>error_number</i> : error text=<i>error_text</i>.</b>
Explanation:	An I/O operation on the specified redo log file failed with the specified return code, error number, and error text. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The PowerExchange Express CDC for Oracle log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.
User Response:	Try to correct the I/O problem. If you cannot correct the I/O problem or find the alternate log file, rematerialize the target. Then cold start the CDC session.
<b>PWX-36141</b>	<b>ORAD <i>rac_member</i>: Processing log file <i>file_name</i>, block <i>block_number</i>. Expected VLD 0x04, encountered VLD 0x<i>hexadecimal_vld</i>.</b>
Explanation:	When processing a block in the specified redo log file, the PowerExchange Express CDC for Oracle log reader encountered an unexpected VLD value at the start of an LWN. An internal processing error might have occurred, or the log file might be corrupted. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36142</b>	<b>ORAD <i>rac_member</i>: Processing log file <i>file_name</i>, block <i>block_number</i>. Block header invalid. Expected: Seq=<i>log_sequence_number</i> Blk=<i>block_number</i>. Found: Seq=<i>log_sequence_number</i> Blk=<i>block_number</i>.</b>
Explanation:	When processing a block in the specified redo log file, the PowerExchange Express CDC for Oracle log reader encountered unexpected block number and sequence number values in the block header. An internal processing error might have occurred, or the log file might be corrupted. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36143</b>	<b>ORAD <i>rac_member</i>: Processing log file <i>file_name</i>, block <i>block_number</i>. Log span starting at block <i>block_number</i> is incomplete.</b>
Explanation:	When processing a block in the specified redo log file, the PowerExchange Express CDC for Oracle log reader encountered an incomplete LWN span and stopped processing the log file. An internal processing error might have occurred, or the log file might be corrupted. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader tries to use the alternate log file that has the same sequence number. If this alternate log file does not exist, CDC processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36144</b>	<b>ORAD Info <i>rac_member</i>: Reader processing <i>log_type</i> Log file <i>file_name</i>, SEQ <i>sequence_number</i>.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader has started processing the specified redo log file. In the message text, <i>log_type</i> is active, current, or archived. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36145 ORAD Info *rac\_member*: + Low SCN *scn*. Low SCN Time *time\_stamp*.**

Explanation: This continuation message reports the Low SCN and Low Time values for a redo log file when the PowerExchange Express CDC for Oracle log reader starts processing the file. This message accompanies message PWX-36144. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36146 ORAD Info *rac\_member*: + Next SCN *scn*. Next SCN Time *time\_stamp*.**

Explanation: This continuation message reports the Next SCN and Next Time values for a redo log file when the PowerExchange Express CDC for Oracle log reader starts processing the file. This message accompanies message PWX-36144. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36147 ORAD Info *rac\_member*: Largest LWN read = *largest\_lwn* blocks : Maximum partition count = *number* : Partial LWN Reads = *number\_of\_reads*.**

Explanation: This message is issued when the PowerExchange Express CDC for Oracle log reader ends. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: If the partial LWN read count is greater than 0, increase the log reader buffer size to accommodate the largest LWN. This action might improve CDC performance.

**PWX-36148 ORAD *rac\_member*: Read failure occurred processing log file *file\_name*, sequence *sequence\_number*.**

Explanation: The PowerExchange Express CDC for Oracle log reader encountered an error while processing the specified redo log file. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The log reader looks for an alternate log file with the same sequence number. If the alternate log file is available, processing continues.

User Response: For more information about the error, review the associated messages in the message log.

**PWX-36149 ORAD Info *rac\_member*: Detected log overwrite Processing log file *file\_name*, sequence *log\_sequence\_number*. Switching to archive log.**

Explanation: This PowerExchange Express CDC for Oracle log reader detected that Oracle has begun overwriting the active redo log file. As a result, the log reader switches to the appropriate archived log. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36150 ORAD Info *rac\_member*: Read file *file\_name*, block *lwnstart*: Buffer will be resized from *kilobytesK* to *kilobytesK* to process current LWN of *number\_of\_blocks* blocks.**

Explanation: This PowerExchange Express CDC for Oracle log reader encountered an LWN span that is too large to process with the current read buffer size. Also, the LWN span cannot split on a suitable SCN boundary. In an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: PowerExchange resizes the buffer, and change capture processing continues.

User Response:	Consider increasing the initial buffer size. This value is set in the READBUFFSIZE parameter in the READER statement in the PowerExchange Express CDC for Oracle configuration file.
<b>PWX-36151</b>	<b>ORAD Info <i>rac_member</i>: state <i>log_type</i> log sequence <i>log_sequence_number</i>, block <i>log_block</i>. Low SCN <i>lowest_scn_from_last_read_lwn</i>, Low SCN time <i>low_scn_timestamp</i>.</b>
Explanation:	<p>The PowerExchange Express CDC for Oracle log reader issues this message periodically to indicate its log read progress. In the message text:</p> <ul style="list-style-type: none"> <li>• The <i>state</i> value is "down" or "reading."</li> <li>• The <i>log_type</i> is "active," "archive," "current," or "at the tip of the current," where "at the tip of the current" indicates the end of the current log at a particular point in time.</li> <li>• The <i>rac_member</i> value is the name of the relevant RAC member. This information appears only when the member is active.</li> </ul> <p>You can control the frequency with which this message is issued by setting the STATUSREPORTINTERVAL parameter in the READER statement. If the log sequence or block value did not progress since the last reported value, PowerExchange also issues the message PWX-36166.</p>
User Response:	No response is required.
<b>PWX-36152</b>	<b>ORAD Warn <i>rac_member</i>: Processing file <i>file_name</i>. File header information is missing.</b>
Explanation:	While the PowerExchange Express CDC for Oracle log reader was running in offline mode, it encountered a redo log file that does not conform to the expected log format because some file header information is missing. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader ignores the log file and continues log discovery.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, ensure that the DIR and FILE parameters in the READER statement are correctly specified.
<b>PWX-36153</b>	<b>ORAD Warn <i>rac_member</i>: Processing file <i>file_name</i>. File type <i>0xhexadecimal_type</i> is not that of a Redo Log.</b>
Explanation:	While the PowerExchange Express CDC for Oracle log reader was running in offline mode, it encountered a redo log file that does not conform to the expected log format. The hexadecimal file type is not valid for a redo log. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader ignores the log file and continues log discovery.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, ensure that the DIR and FILE parameters in the READER statement are correctly specified.
<b>PWX-36154</b>	<b>ORAD Warn <i>rac_member</i>: Processing file <i>file_name</i>. Blocksize <i>block_size</i> is not a valid value.</b>
Explanation:	While the PowerExchange Express CDC for Oracle log reader was running in offline mode, it encountered a redo log file that does not conform to the expected log format because the block size is not valid. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader ignores the log file and continues log discovery.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, ensure that the DIR and FILE parameters in the READER statement are correctly specified.

<b>PWX-36155</b>	<b>ORAD Warn <i>rac_member</i>: Processing file <i>file_name</i>. Log header information is missing.</b>
Explanation:	While the PowerExchange Express CDC for Oracle log reader was running in offline mode, it encountered a redo log file that does not conform to the expected log format because some log header information is missing. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader ignores the log file and continues log discovery.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, ensure that the DIR and FILE parameters in the READER statement are correctly specified.
<b>PWX-36156</b>	<b>ORAD Warn <i>rac_member</i>: Processing file <i>file_name</i>. Log Header file type <i>0xhexadecimal_type</i> is not that of a Redo Log.</b>
Explanation:	While the PowerExchange Express CDC for Oracle log reader was running in offline mode, it encountered a redo log file that does not conform to the expected log format. The hexadecimal file type is not valid for a redo log. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader ignores the log file and continues log discovery.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, ensure that the DIR and FILE parameters in the READER statement are correctly specified.
<b>PWX-36157</b>	<b>ORAD Warn <i>rac_member</i>: Processing file <i>file_name</i>. The compatibility level <i>version</i> is not supported.</b>
Explanation:	While the PowerExchange Express CDC for Oracle log reader was running in offline mode, it encountered a redo log file that does not conform to the expected log format. The Oracle compatibility level <i>version</i> is not supported for CDC. In an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The log reader ignores the log file and continues log discovery.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, ensure that the DIR and FILE parameters in the READER statement are correctly specified.
<b>PWX-36164</b>	<b>ORAD <i>rac_member</i>: Internal error. Failed processing LWN starting at block <i>block_number</i>, for length <i>number_of_blocks</i> blocks.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader encountered an error while processing a partial LWN.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36165</b>	<b>ORAD <i>rac_member</i>: Unexpected EOF encountered processing LWN starting at block <i>block_number</i>, for length <i>number_of_blocks</i> blocks.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader encountered an error while processing a partial LWN.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-36166</b>	<b>ORAD Warn <i>rac_member</i>: Reader is idle waiting on wait.</b>
Explanation:	<p>The log sequence and block values did not advance since the last reporting interval. The PowerExchange Express for Oracle log reader is in a wait state.</p> <p>In an Oracle RAC environment, this message includes the name of the relevant RAC member.</p> <p>You can control the frequency with which this message is issued by setting the STATUSREPORTINTERVAL parameter in the READER statement. If the log reader state is reading or down, the message PWX-36151 or PWX-36167 might be issued instead of this message.</p>
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-36167</b>	<b>ORAD Info <i>rac_member</i>: Reader is idle. RAC member is down at SCN <i>current_scn</i>.</b>
Explanation:	<p>The PowerExchange Express CDC for Oracle log reader detected that the RAC member is down at the specified SCN.</p> <p>You can control the frequency with which this message is issued by setting the STATUSREPORTINTERVAL parameter in the READER statement. If the SCN did not progress since the last reported value, PowerExchange also issues the message PWX-36166.</p>
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-36169</b>	<b>ORAD Info <i>rac_member</i>: Reader done processing log Sequence <i>log_sequence_number</i>. Last SCN <i>scn</i>. Last SCN Time <i>scn_time</i>. Blocks processed <i>number_of_blocks</i>.</b>
Explanation:	This message issued when PowerExchange Express CDC for Oracle log reader finishes processing an Oracle log in the log sequence. The message reports the processing status.
User Response:	No response is required.
<b>PWX-36170</b>	<b>ORAD Info <i>rac_member</i>: Log reader detected stale buffers. Switching to ODIRECT.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader was unable to read the current block, possibly because of stale NFS buffers.
System Action:	On Linux or UNIX, the log reader re-opens the log file using the odirect flag to continue read processing.
User Response:	If the log reader accesses active logs through a network device, set the odirect advanced parameter <b>UseOdirect</b> to <b>Y</b> . This setting causes the log reader to use odirect all of the time.
<b>PWX-36171</b>	<b>ORAD Info <i>rac_member</i>: Premature EOF processing log file <i>file_name</i>, sequence <i>log_sequence_number</i>. Blocks read=<i>number_of_blocks</i> blocks expected=<i>number_of_blocks</i>.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader detected that the number of data blocks that it read does not match the number of data blocks that Oracle wrote. This situation might occur because the NFS read buffer that the log reader uses is stale.
System Action:	The log reader requests an alternate Oracle log to process.
User Response:	<p>Disable NFS file attribute caching or read buffering if your NFS client supports it.</p> <p>Alternatively, try increasing the STATUSCHECKINTERVAL parameter value in the READER statement of the Express CDC for Oracle configuration file, pwxorad. A longer interval provides more time for the read buffer to be refreshed with new data for log reader processing.</p>

<b>PWX-36174</b>	<b>ORAD WARN: Log gap detected between <i>sequence_number1</i> and <i>sequence_number2</i> on THREAD# <i>thread_number</i>. Request rescheduled.</b>
Explanation:	The PowerExchange Express CDC for Oracle capture process detected a gap in the Oracle log sequence numbers.
System Action:	The capture process continues and looks for new logs until the LMGRARCHIVEWAIT period expires.
User Response:	No response is required.
<b>PWX-36175</b>	<b>ORAD WARN: Log gap detected between <i>sequence_number1</i> and <i>sequence_number2</i> on THREAD# <i>thread_number</i>. Log <i>sequence_number</i> skipped.</b>
Explanation:	The PowerExchange Express CDC for Oracle capture process detected a gap in the Oracle log sequence numbers. Because the LG_IGNORE parameter is set to ignore log gaps, PowerExchange skipped the specified log.
System Action:	The capture process continues but does not capture data from the skipped log. Some change data might be lost.
User Response:	If PowerExchange is capturing data in a production environment, Informatica recommends that you set the LG_IGNORE option to <i>not</i> ignore log gaps.
<b>PWX-36176</b>	<b>ORAD WARN: Role change detected.</b>
Explanation:	During PowerExchange Express CDC for Oracle in a Data Guard environment, the role of the source database changed from physical standby database to primary database or from primary database to physical standby database.
System Action:	If no configuration changes are required, PowerExchange Express CDC processing will switch to the active redo logs after the role reversal.
User Response:	No response is required.
<b>PWX-36177</b>	<b>ORAD Info: The following TDE wallets were found:</b>
Explanation:	PowerExchange Express CDC for Oracle found Oracle Transparent Data Encryption (TDE) wallet files for an Oracle source that includes TDE-encrypted tablespaces. Subsequent PWX-36178 messages identify the wallet file names.
User Response:	No response is required.
<b>PWX-36178</b>	<b>ORAD Info: + Source Type=<i>type</i>, Order=<i>order</i>, Status=<i>status</i>. File=<i>file_name</i>.</b>
Explanation:	<p>PowerExchange Express CDC for Oracle found the specified Oracle TDE wallet file, which contains the TDE master key. The file has one of the following statuses:</p> <ul style="list-style-type: none"> <li>• <b>0.</b> Closed to the Oracle system.</li> <li>• <b>1.</b> Open to the Oracle system.</li> </ul> <p>Multiple PWX-36178 messages can follow a PWX-36177 message to identify multiple wallet files for a CDC operation.</p>
User Response:	No response is required.

<b>PWX-36179</b>	<b>ORAD Error: An error occurred obtaining wallet status rc=return_code, rs=sql_error, wallet count=number_of_wallet_files.</b>
Explanation:	An error occurred when PowerExchange Express CDC for Oracle tried to determine the TDE wallet status for an Oracle source. This message reports the following information about the error: <ul style="list-style-type: none"> <li>• The error return code</li> <li>• The return code from SQL processing</li> <li>• The number of wallet files that PowerExchange found</li> </ul>
System Action:	The CDC session ends abnormally.
User Response:	Ensure that the Oracle CDC user has permission to read the v\$encryption_wallet view.
<b>PWX-36180</b>	<b>ORAD Info: TDE encrypted tablespace found. Tablespace name=tablespace_name.</b>
Explanation:	PowerExchange Express CDC for Oracle found a tablespace for which Oracle Transparent Data Encryption (TDE) is enabled.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36182</b>	<b>ORAD Warn: Encrypted tablespaces were found but no TDE keystore is specified.</b>
Explanation:	The Oracle redo log might contain TDE-encrypted records that cannot be decrypted. This situation can cause the CDC session to end abnormally.
System Action:	CDC processing continues but might end abnormally later if an encrypted redo record is encountered.
User Response:	No response is required.
<b>PWX-36183</b>	<b>ORAD Warn: No TDE wallet directory information found in the database and no wallet directory parameter is specified.</b>
Explanation:	The Oracle redo log might contain TDE-encrypted records that cannot be decrypted. In this situation, the CDC session might end abnormally later.
System Action:	If a valid wallet is found, the session continues. If the master key is not found in any available wallet, the session might end abnormally.
User Response:	Ensure that the Oracle TDE wallet is specified in the TDEKEYSTORE TYPE={ASM FILE HSM} WALLETDIR parameter in the DATABASE statement in the PowerExchange Express CDC configuration file. Note that the wallet directory information might not be reflected in the V \$ENCRYPTION_WALLET view in an Oracle pluggable database (PDB).
<b>PWX-36184</b>	<b>ORAD Error: Open TDE wallet failed initialization.</b>
Explanation:	An OpenSSL error occurred when PowerExchange Express CDC for Oracle tried to open or initialize the Oracle TDE wallet file. PowerExchange requires the wallet file to process TDE-encrypted records.
System Action:	The CDC session ends abnormally.
User Response:	To determine the cause of the failure, review the OpenSSL error messages that precede this message.

<b>PWX-36185</b>	<b>ORAD Error: Open TDE wallet failed getting authsafes from PKCS#12 file.</b>
Explanation:	An OpenSSL error occurred while PowerExchange Express CDC for Oracle was trying to open the Oracle PKCS#12-formatted wallet file. Express CDC could not retrieve the authsafes from the file.
System Action:	The CDC session ends abnormally.
User Response:	To determine the cause of the failure, review the OpenSSL error messages that precede this message.
<b>PWX-36186</b>	<b>ORAD Error: Could not open the TDE wallet file <i>file_name</i>.</b>
Explanation:	An error occurred while PowerExchange Express CDC for Oracle was trying to open the specified Oracle TDE wallet file.
System Action:	The CDC session ends abnormally.
User Response:	To determine the cause of the failure, review the error messages that precede this one.
<b>PWX-36187</b>	<b>ORAD Error: Open wallet file error return code=<i>return_code</i> reason=<i>reason_text</i>.</b>
Explanation:	An error occurred while PowerExchange Express CDC for Oracle was trying to open the TDE wallet file. This message reports the error return code and reason that PowerExchange returned.
System Action:	The CDC session ends abnormally.
User Response:	Use the return code and reason information to diagnose the error. Then correct the error and restart the CDC session.
<b>PWX-36188</b>	<b>ORAD Error: Password validation failed for TDE wallet.</b>
Explanation:	PowerExchange Express CDC could not process the Oracle TDE wallet file. Usually, this error occurs because an invalid TDE wallet password is specified.
System Action:	The CDC session ends abnormally.
User Response:	Specify a valid Oracle TDE wallet password in the TDEKEYSTORE parameter in the DATABASE statement of the PowerExchange Express CDC configuration file. Then restart the CDC session.
<b>PWX-36189</b>	<b>ORAD Error: OpenSSL call failed. Failed function: <i>function</i>. Error Info=<i>reason</i>.</b>
Explanation:	An error occurred during a PowerExchange Express CDC for Oracle call to OpenSSL to read the TDE wallet file. This message provides diagnostic information for use by Informatica Global Customer Support, including the reason for the failure.
System Action:	The CDC session ends abnormally.
User Response:	To determine the cause of the error, review the related messages, such as PWX-36188 if issued. For assistance, contact Informatica Global Customer Support.
<b>PWX-36190</b>	<b>ORAD Info: TDE wallet master keys successfully initialized.</b>
Explanation:	PowerExchange Express CDC for Oracle successfully initialized the TDE master keys from the Oracle wallet. The TDE master keys are required to process change data from TDE-encrypted tablespaces.
System Action:	The CDC session continues.
User Response:	No response is required.



<b>PWX-36191</b>	<b>ORAD Error: The current Oracle TDE master key ID cannot be found.</b>
Explanation:	During PowerExchange Express CDC for Oracle processing, an Oracle TDE master key ID that is in the redo log was not found in the current master key in-memory list.
System Action:	The CDC session ends abnormally.
User Response:	Restart the CDC session so that the new master key will be read from the Oracle TDE wallet.
<b>PWX-36192</b>	<b>ORAD Error: The CDC log parser encountered a TDE-encrypted redo record but requires an encryption password to process it.</b>
Explanation:	The PowerExchange Express CDC for Oracle log parser encountered an Oracle redo record that contains TDE-encrypted data. The log parser cannot process the encrypted data because neither the TDEWALLETPWD parameter nor TDEWALLETPWD parameter is specified in the pwxorad.cfg configuration file. One of these parameters must be specified to provide the password for the Oracle TDE wallet file.
System Action:	The CDC session ends abnormally.
User Response:	Enter the password for the Oracle TDE wallet in the TDEWALLETPWD or TDEWALLETPWD parameter in the pwxorad.cfg file.
<b>PWX-36193</b>	<b>ORAD Info: Database platform name <i>platform_name</i>. Database operating system type <i>operating_system_type</i>.</b>
Explanation:	This message reports, for a PowerExchange Express CDC for Oracle source, the database platform name that is recorded in the PLATFORM_NAME column of the Oracle V\$DATABASE view. The message also reports the type of operating system that PowerExchange Express CDC detects for the specified platform name. The <i>operating_system_type</i> can be AIX, SOLARIS, LINUX, or WIN, or Unknown.
System Action:	The CDC session continues processing.
User Response:	No response is required.
<b>PWX-36194</b>	<b>ORAD Info: Database Role : <i>database_role</i>.</b>
Explanation:	This message reports the role of the Oracle Data Guard database from which PowerExchange Express CDC for Oracle captures change data. The <i>database_role</i> is the value from the DATABASE_ROLE column of the V\$DATABASE view, which can be LOGICAL STANDBY, PHYSICAL STANDBY, or PRIMARY.
User Response:	No response is required.
<b>PWX-36195</b>	<b>ORAD: Switchover not supported for this configuration.</b>
Explanation:	In an Oracle Data Guard environment, PowerExchange Express CDC for Oracle detected that the database role changed. However, the PowerExchange Express CDC configuration prevents the capture process from switching to the newly active primary database. This problem can occur if the PowerExchange Express CDC configuration file specifies the STANDBY statement or if the thread counts for the standby database and primary database are different.
System Action:	The PowerExchange Express CDC session ends abnormally.
User Response:	In the PowerExchange Express CDC configuration file, remove the STANDBY statement if defined and update the RAC MEMBERS statement to reflect the current thread count. For more information about these statements, see the <i>PowerExchange CDC Guide for Linux, UNIX, and Windows</i> . Then restart the CDC session.

<b>PWX-36196</b>	<b>ORAD: No logs with Start SCN <i>SCN</i> and resetlogs Id <i>resetlogs_ID</i> are available for THREAD# <i>thread_number</i>.</b>
Explanation:	No Oracle redo logs match the start SCN and resetlogs ID that are specified in restart token. Therefore, no redo logs are available for the specified thread.
System Action:	PowerExchange Express CDC for Oracle processing ends abnormally.
User Response:	Correct the restart information, or restore the missing redo logs.
<b>PWX-36197</b>	<b>ORAD: Active thread count <i>number_of_threads</i> exceeds the RAC MEMBERS parameter value <i>number_of_threads</i> for the database incarnation with resetlogs id <i>resetlogs_ID</i>.</b>
Explanation:	PowerExchange Express CDC for Oracle detected that the number of active threads for the database incarnation with the specified resetlogs ID exceeds the number of threads specified in the RAC MEMBERS parameter in the PowerExchange Express CDC configuration file. For the current database incarnation, PowerExchange derives the active thread count from the number threads that have a status of open or closed. If all of the open threads are associated with an Oracle instance in the SPFILE but closed threads are not identified in the SPFILE, PowerExchange ignores the closed threads. For a prior database incarnation, PowerExchange derives the active thread count from the distinct thread# count for archived redo logs.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	Increase the value of the RAC MEMBERS parameter so that it matches the reported active thread count.
<b>PWX-36198</b>	<b>ORAD Warn: RAC MEMBERS parameter value <i>number_of_threads</i> exceeds unique thread ID count <i>number_of_log_threads</i>.</b>
Explanation:	During PowerExchange Express CDC for Oracle processing, PowerExchange detected that the value of the MEMBERS parameter in the RAC statement of the PowerExchange Express CDC for Oracle configuration file is greater than the number of unique thread IDs for the redo log threads associated with the Oracle RAC database. The <i>number_of_log_threads</i> includes threads that have a status of open, closed, disabled, or standby. This situation is valid but might increase the overhead of change capture processing.
System Action:	PowerExchange Express CDC processing continues.
User Response:	To avoid excess change capture overhead, you can run queries to determine the lowest recommended MEMBERS value. For more information, see the documentation for the RAC MEMBERS parameter in the <i>PowerExchange CDC Guide for Linux, UNIX, and Windows</i> .
<b>PWX-36199</b>	<b>ORAD: Unknown THREAD# <i>thread_number</i> detected during initialization processing.</b>
Explanation:	During PowerExchange Express CDC for Oracle initialization, PowerExchange found a thread ID that is unknown. This error is probably caused by PowerExchange detection of an archived log for a removed or disabled thread.
System Action:	PowerExchange Express CDC processing ends abnormally.
User Response:	In the PowerExchange Express CDC configuration file, increase the value of the RAC MEMBERS parameter so that it accommodates all current thread IDs and the thread IDs that existed at the point in time of the restart.

<b>PWX-36200</b>	<b>ORAD : Column conversion error: [error_code] error_text for Table name=table_name, column[column_number] segment[column_segment] column_name. Detail Type = pwx_datatype, Oracle Type = oracle_datatype.</b>
Explanation:	PowerExchange Express CDC for Oracle encountered an internal assembler error when processing the specified column. This message includes diagnostic information about the error.
System Action:	The CDC session ends abnormally.
User Response:	Look up the PowerExchange error code in this message. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-36201</b>	<b>OCI data type conversion error.</b>
Explanation:	A PowerExchange call to the Oracle Call Interface (OCI) routine for datatype conversion failed. This message is usually accompanied by OCI error messages.
System Action:	The CDC session ends abnormally.
User Response:	To determine the cause of the error, review the accompanying OCI messages.
<b>PWX-36202</b>	<b>NULL value found for column that is not nullable.</b>
Explanation:	PowerExchange found a null value in a column that is defined as not nullable in the capture registration. The column might have been altered after the registration was created.
System Action:	The CDC session ends abnormally.
User Response:	Verify that the column information in the capture registration is correct. If the information does not reflect the column as it currently exists, register the table again.
<b>PWX-36203</b>	<b>Required column data has not been set.</b>
Explanation:	When getting Oracle data for datatype conversion, PowerExchange did not find the column data that it expected in redo log records, based on the capture registration.
System Action:	The CDC session ends abnormally.
User Response:	Verify that the column is correctly defined in the capture registration.
<b>PWX-36204</b>	<b>Unsupported conversion.</b>
Explanation:	PowerExchange does not support the datatype conversion that is required based on a capture registration. This error might occur because the table schema changed since the capture registration was created.
System Action:	The CDC session ends abnormally.
User Response:	If the table changed since the capture registration was created, create the registration again.
<b>PWX-36205</b>	<b>Code page conversion failed.</b>
Explanation:	The conversion of data from the Oracle server code page to the UTF-8 code page that PowerExchange CDC uses failed.
System Action:	The CDC session ends abnormally.
User Response:	To determine the cause of the error, review associated Oracle Call Interface (OCI) messages.

**PWX-36206      Buffer allocation for conversion failed.**

Explanation:      The PowerExchange datatype conversion routine was unable to allocate sufficient buffer storage to contain the result.

System Action:      The CDC session ends abnormally.

User Response:      Contact Informatica Global Customer Support.

**PWX-36207      Unsupported Oracle type.**

Explanation:      The capture registration contains a column with an Oracle datatype that PowerExchange does not support.

System Action:      The CDC session ends abnormally.

User Response:      Verify that the capture registration and capture code have the same product version.

**PWX-36208      Unsupported Oracle to PWX conversion.**

Explanation:      PowerExchange does not support the datatype conversion that is required based on a capture registration.

System Action:      The CDC session ends abnormally.

User Response:      Verify that the capture registration and capture code have the same product version.

**PWX-36209      Encoding error.**

Explanation:      The conversion encountered an encoding error.

System Action:      The session ends abnormally.

User Response:      For more information, see the associated error message. Then contact Informatica Global Customer Support.

**PWX-36211      Conversion of a CLOB column failed.**

Explanation:      The conversion routine encountered an error when creating LOB format fields.

System Action:      The CDC session ends abnormally.

User Response:      For more information, see message PWX-36200. Then contact Informatica Global Customer Support.

**PWX-36212      Column conversion for a BLOB failed.**

Explanation:      The conversion routine encountered an error when creating LOB format fields.

System Action:      The session ends abnormally.

User Response:      For more information, see the associated error message. Then contact Informatica Global Customer Support.

**PWX-36213      LOB column length is greater than the maximum length of 8 MB.**

Explanation:      The length of the LOB column is greater than the maximum length of 8 MB.

System Action:      The session ends abnormally.

User Response:      For more information, see message PWX-36200. Then contact Informatica Global Customer Support.

<b>PWX-36219</b>	<b>Column conversion for DATETIME failed.</b>
Explanation:	The PowerExchange conversion routine was unable to convert a DATETIME column when reading change data.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36220</b>	<b>ORAD: Internal DML operation type <i>operation</i> is missing the required <i>before_data_or_after_data</i> column data.</b>
Explanation:	A PowerExchange Express CDC for Oracle internal error occurred. The SQL DML operation is missing the required before image or after image of the column data.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36221</b>	<b>ORAD: Supplemental Data header not found for object Id = <i>object_id</i>.</b>
Explanation:	A PowerExchange Express CDC for Oracle internal error occurred. PowerExchange did not find a supplemental data header for the specified object.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36222</b>	<b>ORAD: Required column data missing from <i>image_type</i> image for Table name=<i>table_name</i>, column[<i>column_number</i>] <i>column_name</i>.</b>
Explanation:	A PowerExchange Express CDC for Oracle internal error occurred. Data is missing from the before image or after image for the specified column.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36223</b>	<b>ORAD: Invalid internal DML operation type <i>operation_type</i>.</b>
Explanation:	A PowerExchange Express CDC for Oracle internal error occurred. An SQL DML operation type is not valid.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36226</b>	<b>BCE date encountered.</b>
Explanation:	The conversion routine encountered a BCE date. The conversion routine is configured to reject BCE dates.
System Action:	The CDC session ends abnormally.
User Response:	Change the OPTIONS statement BCE_YEAR_HANDLING configuration option in the PowerExchange Express CDC for Oracle configuration file to bypass the error.
<b>PWX-36227</b>	<b>ORAD ERROR: Oracle does not support supplemental logging for Table <i>table_name</i>.</b>
Explanation:	CDC processing encountered a supplemental record flagged as not supported by Oracle.
System Action:	The table row is not captured, and the operation is skipped.

User Response:	Remove the table from the capture registration. Oracle does not support supplemental logging for a table if the table name or column name length exceeds 30 characters.
<b>PWX-36230</b>	<b>ORAD Error: Row operation error error information in module mod : line.</b>
Explanation:	An internal error occurred while processing a row operation from a table that was registered for capture.
System Action:	CDC processing ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36250</b>	<b>Command input <i>line_number: command_input</i></b>
Explanation:	This message displays the input for a PowerExchange command.
User Response:	No response is required.
<b>PWX-36251</b>	<b>No filename or too many parameters specified</b>
Explanation:	The command syntax is not valid. The file name is missing, or too many parameters are specified.
User Response:	Add a file name, or correct the parameters. Then run the command again.
<b>PWX-36252</b>	<b><i>command_syntax</i></b>
Explanation:	This message provides help information about the command syntax of the PowerExchange Express CDC for Oracle utility, PWXUORAD. It describes the syntax of a specific command and is repeated for the different commands.
User Response:	No response is required.
<b>PWX-36253</b>	<b>Duplicate filter: Owner <i>owner_like</i>, table <i>table_name_like</i>.</b>
Explanation:	The specified owner and table filter criteria were entered more than once in a SNAPSHOT command of the PowerExchange Express CDC for Oracle utility, PWXUORAD. You can enter multiple FILTER parameters but each must have unique filter criteria.
System Action:	The command ends abnormally.
User Response:	Correct the filter criteria, and run the command again.
<b>PWX-36254</b>	<b>At least one FILTER is required.</b>
Explanation:	A filter is not specified on the command. The command statement must include at least one filter if the filter information is not in the capture catalog.
System Action:	The command ends abnormally.
User Response:	Define a filter, and then run the command again.
<b>PWX-36255</b>	<b>Filter: Owner <i>owner_like</i>, table <i>table_name_like</i>.</b>
Explanation:	This message reports the owner and table filter criteria that are specified on an PowerExchange Express CDC for Oracle utility command.
User Response:	No response is required.

<b>PWX-36256</b>	<b>Snapshot table: <i>owner.table_name</i>.</b>
Explanation:	This message reports the name of an Oracle table of CDC interest for which the SNAPSHOT command of the PowerExchange Express CDC for Oracle utility, PWXUORAD, stored information in the capture catalog table.
User Response:	No response is required.
<b>PWX-36257</b>	<b>Warn: No tables in snapshot.</b>
Explanation:	The SNAPSHOT command of the PowerExchange Express CDC for Oracle utility, PWXUORAD, did not return information for any tables.
User Response:	If you expected the SNAPSHOT command to return information for some tables, check the FILTER parameters in the command and change filter criteria as needed. Then run the command again.
<b>PWX-36258</b>	<b>No ORAD CAPI_CONNECTION statements.</b>
Explanation:	When the PowerExchange Express CDC for Oracle utility tried to retrieve configuration information, it did not find any ORAD CAPI_CONNECTION statements in the dbmover.cfg configuration file.
System Action:	Processing ends.
User Response:	Add one or more ORAD CAPI_CONNECTION statements to the dbmover.cfg file, and then run the utility command again.
<b>PWX-36259</b>	<b>CAPI_CONNECTION <i>capi_connection name</i> not found.</b>
Explanation:	The PowerExchange Express CDC for Oracle utility did not find the specified CAPI_CONNECTION statement in the dbmover.cfg configuration file.
System Action:	Processing ends.
User Response:	Add the ORAD CAPI_CONNECTION statement or select a different one, and then run the utility command again.
<b>PWX-36260</b>	<b>CAPI_CONNECTION <i>capi_connection name</i> not configured for Express CDC.</b>
Explanation:	The specified CAPI_CONNECTION statement does not have a TYPE parameter value of ORAD. For PowerExchange Express CDC for Oracle, the statement type must be ORAD.
System Action:	Processing ends.
User Response:	Change the TYPE parameter value to ORAD or use another CAPI_CONNECTION statement, and then run the utility command again.
<b>PWX-36300</b>	<b>ORAD: Oracle database <i>database_id</i> OPEN failed for user <i>user_id</i>, rc=<i>return_code</i>.</b>
Explanation:	During PowerExchange Express CDC for Oracle, an Open call was made to the Oracle database under the specified user ID. However, the Open call failed with the specified return code.
System Action:	Because the database Open call failed, PowerExchange cannot capture change data.
User Response:	To diagnose the problem, review associated messages. If you need assistance, contact Informatica Global Customer Support.

<b>PWX-36301</b>	<b>ORAD Info: Oracle ALWAYS supplemental logging found for all selected resources.</b>
Explanation:	PowerExchange Express CDC for Oracle requires all columns that are selected for change capture to be in unconditional, or ALWAYS, supplemental log groups. This message confirms that the selected columns meet this requirement.
User Response:	No response is required.
<b>PWX-36302</b>	<b>ORAD: Oracle ALWAYS supplemental logging not found for table <i>creator.table_name</i> or table column <i>column_name</i>.</b>
Explanation:	An unconditional, or ALWAYS, supplemental log group is required for PowerExchange Express CDC for Oracle but is not associated with the specified table or column.
System Action:	The PowerExchange call fails.
User Response:	Verify that supplemental logging is enabled. Then issue the appropriate ALTER TABLE statement to add the table or column to an unconditional log group. For more information, see your Oracle documentation.
<b>PWX-36303</b>	<b>ORAD Info: None of the Oracle tables selected for CDC use data compression.</b>
Explanation:	None of the tables that are selected for change data capture use Oracle data compression. PowerExchange Express CDC for Oracle does not support change capture from tables that use compression.
User Response:	No response is required.
<b>PWX-36304</b>	<b>ORAD: Table <i>creator.table_name</i> column <i>column_name</i> does not exist at PowerExchange initialization.</b>
Explanation:	At initialization, PowerExchange determined that the specified table and column did not exist. All Oracle tables and columns that are registered for PowerExchange Express CDC must exist at the time PowerExchange initialization starts.
System Action:	PowerExchange initialization ends abnormally.
User Response:	Verify that the table and columns that are defined in each active capture registration exist.
<b>PWX-36305</b>	<b>ORAD: Message <i>message_id</i> issued for internal resource id <i>resource_id</i>, registration tag <i>tag_name</i>, table <i>creator.table</i>.</b>
Explanation:	This message identifies the internal resource, capture registration, and Oracle table to which a preceding error or warning message applies. This message includes the message ID of the preceding message.
User Response:	Use this message together with the preceding error or warning message to diagnose the error or handle the warning condition.
<b>PWX-36306</b>	<b>ORAD: Current SCN <i>scn</i> cannot be less than RESETLOGS SCN <i>scn</i>.</b>
Explanation:	While verifying Oracle data dictionary information for CDC, PowerExchange found an inconsistency in the current SCN and RESETLOGS SCN values. The current SCN must be greater than the RESETLOGS SCN.
System Action:	The PowerExchange call fails.
User Response:	To diagnose the error, review associated messages. If you need assistance, contact Informatica Global Customer Support.



<b>PWX-36307</b>	<b>ORAD: DDL for table <i>table_name</i>: adding table, but owner <i>owner_number</i> not found in dictionary.</b>
Explanation:	A DDL command created an Oracle table in the source database. When PowerExchange tried to add the table to its copy of the Oracle data dictionary in memory, an error occurred. PowerExchange did not find the table owner in the dictionary.
System Action:	The PowerExchange call fails.
User Response:	Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.
<b>PWX-36308</b>	<b>ORAD: Problem checking table <i>schema_name.table_name</i> using filter list entry <i>schema_filter.table_filter</i>; rc=return_code.</b>
Explanation:	PowerExchange encountered an error when checking the specified schema.table name against the filter criteria that is used to select tables for change data capture.
System Action:	The PowerExchange call fails.
User Response:	To diagnose the error, review associated messages. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-36309</b>	<b>ORAD Info: PowerExchange checking for Oracle table compression and supplemental logging is not enabled.</b>
Explanation:	This message indicates that PowerExchange checking of Oracle source tables for data compression and inclusion in supplemental log groups is not enabled. This checking is controlled by certain parameters in PowerExchange Express CDC for Oracle configuration file, some of which are for use by Informatica Global Customer Support only.
System Action:	The CDC session ends.
User Response:	No response is required. To enable this type of checking, contact Informatica Global Customer Support.
<b>PWX-36310</b>	<b>ORAD: Missing TAB\$ for table object <i>object_id</i>.</b>
Explanation:	While verifying the data dictionary, PowerExchange did not find an entry in the sys.tab\$ table for the specified table object.
System Action:	The PowerExchange call fails.
User Response:	To diagnose the error, review associated messages. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-36311</b>	<b>ORAD Warn: Table <i>creator.table_name</i>: column name <i>column_name</i> not found in dictionary.</b>
Explanation:	When verifying column information for PowerExchange Express CDC for Oracle, PowerExchange did not find a column name that is specified in a capture registration in the Oracle data dictionary.
System Action:	The PowerExchange call fails.
User Response:	Verify that the Oracle table structure is correct. Then identify the column name to use for change capture.

<b>PWX-36312</b>	<b>ORAD: Could not get consistent successive copies of catalog info after <i>count</i> attempts.</b>
Explanation:	PowerExchange did not get consistent copies of the Oracle data dictionary after multiple copy attempts. Consistent dictionary copies are required for PowerExchange Express CDC for Oracle.
System Action:	The PowerExchange call fails.
User Response:	Run the CDC session again.
<b>PWX-36313</b>	<b>ORAD Info: Oracle database <i>database_name</i> version is <i>version_number</i>.</b>
Explanation:	This message reports the Oracle database name and version that PowerExchange read from the data dictionary.
User Response:	No response is required.
<b>PWX-36314</b>	<b>ORAD: Minimal supplemental logging is not enabled.</b>
Explanation:	Minimal global supplemental logging is not enabled for the Oracle database. PowerExchange Express CDC for Oracle requires minimal supplemental logging.
System Action:	The PowerExchange call fails.
User Response:	Enable global minimal supplemental logging for the database by issuing the following SQL statement:  <pre>ALTER DATABASE ADD SUPPLEMENTAL LOG DATA;</pre> Then start PowerExchange Express CDC for Oracle again.
<b>PWX-36315</b>	<b>ORAD: Database version is not supported.</b>
Explanation:	The Oracle database version that you are using is not supported for PowerExchange Express CDC for Oracle.
System Action:	The PowerExchange call fails.
User Response:	To identify the unsupported version, see message PWX-36313. If possible, upgrade to a supported Oracle version.
<b>PWX-36316</b>	<b>ORAD Info: Table <i>creator.table_name</i> is not found in dictionary.</b>
Explanation:	The specified Oracle table is registered for change data capture but is not in the data dictionary. The capture registration and data dictionary must be consistent.
System Action:	The PowerExchange call fails.
User Response:	Verify that the capture registration and data dictionary are correct. If you find incorrect information, correct it so that the registration and data dictionary are consistent.
<b>PWX-36317</b>	<b>ORAD Error: Table <i>creator.table</i> is not eligible for CDC processing because it is a <i>type</i> table reserved for use by an IOT base table</b>
Explanation:	PowerExchange Express CDC for Oracle encountered a registration for an Oracle system table of the type MAPPING or OVERVIEW, which is associated with an index-organized table (IOT). Oracle reserves these system tables for use by the IOT base table. PowerExchange Express CDC cannot capture change data from these system tables if they are accidentally registered for change data capture.
System Action:	The PowerExchange call fails.
User Response:	Register the IOT base table for change data capture.

<b>PWX-36318</b>	<b>ORAD: Table <i>creator.table_name</i> is a system table. System tables are not supported.</b>
Explanation:	The specified Oracle table is a system catalog table. PowerExchange Express CDC for Oracle does not support change data capture from system catalog tables.
System Action:	The PowerExchange call fails.
User Response:	Delete the capture registration and associated extraction map for this table. You cannot capture change data data from this type of table.
<b>PWX-36319</b>	<b>ORAD Warn: Table <i>creator.table_name</i>, column <i>column_name</i> is not registered for change capture.</b>
Explanation:	When the table was registered, the <b>Select All Columns</b> option was selected to include all table columns. However, the specified column is not in the capture registration. This situation can occur if you add a column to the table after registration.
System Action:	The PowerExchange call fails.
User Response:	Add the column to the capture registration.
<b>PWX-36320</b>	<b>ORAD Info: Oracle database <i>database_name</i> compatible version is <i>version</i>.</b>
Explanation:	This message reports the compatible version of the Oracle database that is recorded in the data dictionary.
User Response:	No response is required.
<b>PWX-36321</b>	<b>ORAD: Compatible version of the Oracle database is not supported.</b>
Explanation:	PowerExchange Express CDC for Oracle does not support the compatible version of the Oracle database.
System Action:	The PowerExchange call fails.
User Response:	To identify the compatible version, see message PWX-36320. Change the compatible version to an Oracle version that PowerExchange Express CDC for Oracle supports.
<b>PWX-36322</b>	<b>ORAD Warn: Table <i>creator.table_name</i> uses sorted hash clusters. Tables of this type are not supported for CDC.</b>
Explanation:	PowerExchange found a capture registration for an Oracle table that uses sorted hash clusters. Tables with sorted hash clusters are not supported for PowerExchange Express CDC for Oracle.
System Action:	The change capture call fails.
User Response:	Delete the capture registration and associated extraction map for this table. You cannot capture change data data from this type of table.
<b>PWX-36323</b>	<b>ORAD Warn: Table <i>creator.table_name</i> has ROW MOVEMENT enabled. ROWID is not available.</b>
Explanation:	A registered Oracle table has row movement enabled. PowerExchange Express CDC for Oracle does not capture ROWID values for the table because row movement can cause the ROWID values to change. This message is issued when the ROWID parameter in the OPTIONS statement of the Express CDC configuration file is set to Y.

System Action:	PowerExchange capture processing ends if the ROW_MOVEMENT_FAIL parameter in the Express CDC configuration file is set to Y . PowerExchange capture processing continues if the ROW_MOVEMENT_FAIL parameter is set to N. If PowerExchange capture processing continues, null values are written to the DTL__CAPXROWID field of change records.
User Response:	If the ROWID parameter is set to Y but you want capture processing to continue when PowerExchange encounters a table that has row movement enabled, you can set the ROW_MOVEMENT_FAIL parameter to N or remove the table from the CDC session. If you do not want to PowerExchange to check whether tables have row movement enabled and do not need to capture ROWID values, set the ROWID parameter to N.
<b>PWX-36324</b>	<b>ORAD: DDL for table <i>creator.table_name</i> added partition <i>partition_table</i>, <i>partition_object</i> but the partition already exists in the PowerExchange dictionary.</b>
Explanation:	A DDL command for the Oracle table added a partition. When PowerExchange tried to add the partition to its copy of the data dictionary in memory, an error occurred. The partition already existed in the dictionary.
System Action:	The PowerExchange call fails.
User Response:	Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.
<b>PWX-36325</b>	<b>ORAD: DDL for table <i>creator.table_name</i> operation the partition <i>system_partition_table</i>, <i>partition_object_id</i> but PowerExchange did not find the partition entity in the dictionary.</b>
Explanation:	A DDL command for the Oracle table altered or dropped a table partition. When PowerExchange tried to update its copy of the data dictionary in memory, an error occurred. PowerExchange did not find the partition entity in the dictionary. The <i>operation</i> variable indicates the type of DDL operation. The <i>system_partition_table</i> variable is the name of one of the following system tables related to partitioned tables or indexes: INDPART, TABPART, TABCOMPART, or TABSUBPART.
System Action:	The PowerExchange call fails.
User Response:	Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.
<b>PWX-36326</b>	<b>ORAD: DDL for table <i>creator.table_name</i> inserted column <i>column_name</i> but column already exists in PowerExchange dictionary.</b>
Explanation:	A DDL command for the Oracle table added a column. When PowerExchange tried to update its copy of the data dictionary in memory, an error occurred. The column already existed in the dictionary.
System Action:	The PowerExchange call fails.
User Response:	Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.
<b>PWX-36327</b>	<b>ORAD: DDL for table <i>creator.table_name</i>: operation column <i>column_number</i> (<i>column_name</i>): Column not found.</b>
Explanation:	A DDL command for the Oracle table modified or dropped a column. When PowerExchange tried to update its copy of the data dictionary in memory, an error occurred. PowerExchange did not find the column in the dictionary. The <i>operation</i> variable indicates the type of DDL operation.
System Action:	The PowerExchange call fails.

User Response: Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.

**PWX-36328**      **ORAD: DDL for table *creator.table\_name*: column count inconsistency detected, found *column\_count* but expected *column\_count*.**

Explanation: A DDL command for the Oracle table added or dropped a column. When PowerExchange tried to update its copy of the data dictionary in memory, an error occurred. The column count that PowerExchange expected based on the DDL change was not consistent with the column count that it found in the dictionary.

System Action: The PowerExchange call fails.

User Response: To diagnose the error, review associated messages. If you need assistance, contact Informatica Global Customer Support.

**PWX-36329**      **ORAD: DDL for table *creator.table\_name*: column inconsistency detected, column *column\_number* not found.**

Explanation: A DDL command for the Oracle table affected a column. When PowerExchange tried to update its copy of the data dictionary in memory, an error occurred. PowerExchange did not find the column number.

System Action: The PowerExchange call fails.

User Response: Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.

**PWX-36330**      **ORAD: DDL for table *creator.table\_name*: subpartition count inconsistency detected, found *partiton\_count* but expect *partiton\_count*.**

Explanation: A DDL command for the Oracle table added or dropped a subpartition. When PowerExchange tried to update its copy of the data dictionary in memory, an error occurred. The subpartition count that PowerExchange expected based on the DDL change was not consistent with the subpartition count that it found in the dictionary.

System Action: The PowerExchange call fails.

User Response: Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.

**PWX-36331**      **ORAD: DDL for table *creator.table\_name* changed table partitions. PowerExchange found both TABPART\$ and TABCOMPART\$ entries for the table.**

Explanation: A DDL command for the Oracle table changed table partitions. When PowerExchange tried to update its copy of the data dictionary in memory, an error occurred. PowerExchange found entries for the table in both the TABPART\$ and TABLECOMPART\$ system tables. The Oracle table cannot have entries in both of these system tables.

System Action: The PowerExchange call fails.

User Response: Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.

**PWX-36332**      **ORAD: Error processing DDL at log position *log\_position* for table *creator.table\_name*.**

Explanation: PowerExchange encountered an internal error while processing a DDL change at the specified redo log position for the Oracle table.

System Action: The PowerExchange call fails.

User Response: Contact Informatica Global Customer Support. Provide them with the redo log that contains the DDL transaction.

**PWX-36333      ORAD Warn: Table *creator.table\_name* contains virtual column *column\_name*. Virtual columns are not supported.**

Explanation: The Oracle table is registered for change data capture, but it contains a virtual column. PowerExchange Express CDC for Oracle does not capture change data from virtual columns.

System Action: The PowerExchange call fails.

User Response: Remove the specified virtual column from the capture registration.

**PWX-36334      ORAD Error: Capture Catalog instantiation failed (*rc=return\_code*).**

Explanation: The instantiation of the PowerExchange Express CDC for Oracle capture catalog failed.

System Action: The CDC session ends abnormally.

User Response: In the parameter file, correct the keywords for the statement. Then start the CDC session again.

**PWX-36346      ORAD Info: Dictionary base SCN: *scn*.**

Explanation: The specified SCN indicates the base level of information in the PowerExchange Express CDC for Oracle data dictionary.

User Response: No response is required.

**PWX-36347      ORAD: Transaction log positions do not ascend, *current=log\_position*, *previous=log\_position*.**

Explanation: The log positions that the PowerExchange Express CDC for Oracle stream manager sent to the data dictionary are not in ascending order. The stream manager sends log positions as it processes DML changes (inserts, updates, and deletes).

System Action: CDC processing ends.

User Response: Contact Informatica Global Customer Support. Provide them with the redo log and related output.

**PWX-36348      ORAD: Unexpected begin scan result for *SYS.Oracle\_table*, *rc=return\_code*.**

Explanation: A routine that PowerExchange Express CDC for Oracle uses to scan an Oracle data dictionary table returned an unexpected result. PowerExchange requires valid results to create an in-memory copy of the data dictionary.

System Action: PowerExchange cannot create an in-memory copy of the data dictionary. As a result, CDC processing ends.

User Response: For more information about the error, review to the associated messages.

**PWX-36349      ORAD: Unexpected process scan result for *SYS.Oracle\_table*, *obj=object\_id*, *rc=return\_code*.**

Explanation: A routine that PowerExchange Express CDC for Oracle uses to scan an Oracle data dictionary table returned an unexpected result. PowerExchange requires valid results to create an in-memory copy of the data dictionary.

System Action: PowerExchange cannot create an in-memory copy of the data dictionary. As a result, CDC processing ends.

User Response: For more information about the error, review to the associated messages.

<b>PWX-36350</b>	<b>ORAD: Error binding SQL parameter <i>parameter_number</i>, <i>parameter_name</i>. rc=return_code.</b>
Explanation:	When running SQL queries against the Oracle database, PowerExchange encountered an internal error. It could not bind the specified SQL parameter.
System Action:	The SQL call fails.
User Response:	To diagnose the error, review PowerExchange messages that pertain to the Oracle Call Interface (OCI).
<b>PWX-36351</b>	<b>ORAD: Problem binding SELECT item <i>select_item</i> named <i>parameter_name</i>. rc=return_code.</b>
Explanation:	When running SQL queries against the Oracle database, PowerExchange encountered an internal error. It could not bind the SELECT query for the specified item.
System Action:	The SQL call fails.
User Response:	To diagnose the error, review PowerExchange messages that pertain to the Oracle Call Interface (OCI).
<b>PWX-36352</b>	<b>ORAD: SELECT item <i>column_number</i> has error/info rc=return_code: rc_description.</b>
Explanation:	When running SQL queries against the Oracle database, PowerExchange encountered an internal error. The error is related to the SELECT query for the specified column.
System Action:	The SQL call fails.
User Response:	To diagnose the error, review PowerExchange messages that pertain to the Oracle Call Interface (OCI).
<b>PWX-36353</b>	<b>ORAD: SQL Execute() or NextRow() operation failed: rc=return_code, error description=description.</b>
Explanation:	When running SQL queries against the Oracle database, PowerExchange encountered an internal error. The SQLExecute() or NextRow() operation failed.
System Action:	The SQL call fails.
User Response:	To diagnose the error, review PowerExchange messages that pertain to the Oracle Call Interface (OCI).
<b>PWX-36354</b>	<b>ORAD Info: DDL operation not allowed when MODE=STATIC but allowed by EXCEPTIONS=WARN.</b>
Explanation:	When MODE=STATIC in the DICTIONARY statement of the Oracle Express CDC configuration file, PowerExchange does not permit the current DDL operation that is reported in message PWX-36390. However, because EXCEPTIONS=WARN is also specified, Oracle Express CDC processes the operation. Typically, EXCEPTIONS=WARN is specified only at the direction of Informatica Global Customer Support because potential data loss can occur.
System Action:	The PowerExchange call fails.
User Response:	No response is required.
<b>PWX-36355</b>	<b>ORAD: DDL operation not allowed when MODE=STATIC.</b>
Explanation:	When MODE=STATIC in the DICTIONARY statement of the Oracle Express CDC configuration file, PowerExchange does not permit the current DDL operation that is reported in message PWX-36390. Because EXCEPTIONS=FAIL is also specified, CDC processing will fail.
System Action:	The PowerExchange call fails, and CDC processing ends.

User Response:	Contact Informatica Global Customer Support.
<b>PWX-36656</b>	<b>ORAD Warn: Checkpoint load: DMLOPS file <i>file_name</i> does not exist or cannot be accessed.</b>
Explanation:	A checkpointed DMLOPS file does not exist or cannot be accessed. The most likely cause is a problem with the file system.
System Action:	Processing continues. The file cannot be used to restore in-flight operations. If the file is required for restoring the state, data might be lost.
User Response:	Try to correct the file system problem.
<b>PWX-36657</b>	<b>ORAD Info: Checkpoint write: Checkpoint <i>checkpoint_scn</i> with restart SCN <i>scn</i> and sequence SCN <i>scn</i> done.</b>
Explanation:	This message provides Information about the last checkpoint written.
User Response:	No response is required.
<b>PWX-36359</b>	<b>ORAD: Event SCN <i>scn</i> is <i>relationship</i> dictionary SCN <i>scn</i>.</b>
Explanation:	This message provides more information about an event that is reported a preceding message. This message identifies the SCN of the event in the redo log and its relationship to the current SCN in the PowerExchange data dictionary. The <i>relationship</i> variable represents one of the following values: equal to, less than, or greater than.
User Response:	No response is required.
<b>PWX-36360</b>	<b>ORAD: Table <i>creator.table_name</i>: Found <i>entity</i> operation in log.</b>
Explanation:	PowerExchange found a DDL operation in the redo log that added or dropped the Oracle table or that added, dropped, or altered a table partition or subpartition. PowerExchange captures change data from the table. Because the table structure changed, change capture problems might occur.
System Action:	PowerExchange either continues CDC processing with message PWX-36354 or ends change capture processing, based on the EXCEPTIONS parameter setting in the DICTIONARY statement of the PowerExchange Express CDC for Oracle configuration file.
User Response:	Look for associated messages. If you need assistance, contact Informatica Global Customer Support. Provide them with the DDL from the redo log.
<b>PWX-36361</b>	<b>ORAD: Table <i>creator.table_name</i>: PowerExchange found table name changed to <i>new_table_name</i> in the log.</b>
Explanation:	PowerExchange found a DDL operation in the redo log that changed the name of the specified Oracle table to the new table name. PowerExchange Express CDC for Oracle captures change data from this table. However, because the table name changed, change capture problems might occur.
System Action:	PowerExchange either continues CDC processing with message PWX-36354 or ends change capture processing, based on the EXCEPTIONS parameter setting in the DICTIONARY statement of the PowerExchange Express CDC for Oracle configuration file.
User Response:	Look for associated messages. If you need assistance, contact Informatica Global Customer Support. Provide them with the DDL from the redo log.



<b>PWX-36370</b>	<b>ORAD: Table <i>creator.table_name</i>: DDL operation dropped column <i>column_name</i>.</b>
Explanation:	PowerExchange found a DDL operation in the redo log that dropped the specified column from an Oracle table from which change data is captured. Because the table structure changed, change capture problems might occur.
System Action:	PowerExchange either continues CDC processing with message PWX-36354 or ends change capture processing, based on the EXCEPTIONS parameter setting in the DICTIONARY statement of the PowerExchange Express CDC for Oracle configuration file.
User Response:	Look for associated messages. If you need assistance, contact Informatica Global Customer Support. Provide them with the DDL from the redo log.
<b>PWX-36371</b>	<b>ORAD: Table <i>creator.table_name</i>: DDL operation changed column <i>column_name</i> attribute <i>column_attribute</i> from <i>old_value</i> to <i>new_value</i>.</b>
Explanation:	<p>PowerExchange found a DDL operation in the redo log that altered the specified column in the Oracle table. One of the following column attributes changed:</p> <ul style="list-style-type: none"> <li>• NAME. The column name.</li> <li>• TYPE. A valid Oracle datatype.</li> <li>• SCALE. A number.</li> <li>• PRECISION. A number.</li> <li>• LENGTH. A number.</li> <li>• NULL. Either NULLABLE or NOT NULL.</li> </ul> <p>PowerExchange captures change data from this table. Because the column metadata changed, change capture problems might occur.</p>
System Action:	PowerExchange either continues CDC processing with message PWX-36354 or terminates change capture processing, based on the EXCEPTIONS parameter setting in the DICTIONARY statement of the PowerExchange Express CDC for Oracle configuration file.
User Response:	Look for associated messages. If you need assistance, contact Informatica Global Customer Support. Provide them with the DDL from the redo log.
<b>PWX-36380</b>	<b>ORAD: SCN <i>scn</i> RBA <i>rba</i>.</b>
Explanation:	This message provides more information about an error that is reported in a preceding message. This message identifies the redo log position where the error occurred.
System Action:	The PowerExchange call fails.
User Response:	Look for the associated error message. If you need assistance, contact Informatica Global Customer Support. Provide them with the redo log and the text from this message and the error message.
<b>PWX-36381</b>	<b>ORAD: DDL processing error for table <i>creator.table_name</i>, column <i>column_name</i>: Column is defined as not nullable but contains a null value.</b>
Explanation:	While processing a DDL-related DML changes, PowerExchange found a null value for a column that is defined as NOT NULL.
System Action:	PowerExchange processing of the DDL-related DML change fails. However, CDC processing continues.
User Response:	See message PWX-36380 to determine the redo log position where the error occurred. Because CDC processing continues, no response is required.

<b>PWX-36382</b>	<b>ORAD: DDL processing internal error: Unexpected table enum <i>table_enumerated_type</i>.</b>
Explanation:	While processing a DDL-related DML change in the redo log for an Oracle system catalog table, PowerExchange encountered an internal error. PowerExchange found an unexpected enumerated type (enum).
System Action:	PowerExchange processing of the DDL-related DML change fails. However, CDC processing continues.
User Response:	For more information, see the associated PWX-36006 messages. Because CDC processing continues, no response is required.
<b>PWX-36383</b>	<b>ORAD: DDL processing internal error: Table <i>creator.table_name</i> unexpected column enum <i>column_enumerated_type</i>.</b>
Explanation:	While processing a DDL-related DML change in the redo log for the specified Oracle catalog table, PowerExchange encountered an internal error. PowerExchange found an unexpected enumerated type (enum) for the specified column.
System Action:	PowerExchange processing of the DDL-related DML change fails. However, CDC processing continues.
User Response:	See message PWX-36380 to determine the redo log position where the error occurred. Because CDC processing continues, no response is required.
<b>PWX-36384</b>	<b>ORAD: DDL processing error for table <i>creator.table_name</i>, column name <i>column_name</i>, column type <i>column_type</i>, segment <i>segment_number</i>. ConvertColumnData failed <i>rc=return_code</i>, <i>rsn=reason_code</i>.</b>
Explanation:	While processing a DDL-related DML change in the redo log for the specified Oracle system catalog table, PowerExchange encountered an error. The ConvertColumnData routine failed to process data in the specified column. This message includes the return code and reason code for the error.
System Action:	PowerExchange processing of the DDL-related DML change fails. However, CDC processing continues.
User Response:	See message PWX-36380 to determine the redo log position where the error occurred. Because CDC processing continues, no response is required.
<b>PWX-36385</b>	<b>ORAD: DDL processing error for table <i>creator.table_name</i>, column name <i>column_name</i>, column type <i>column_type</i>, segment number <i>segment_number</i>: No data in column to process.</b>
Explanation:	While processing a DDL-related DML change in the redo log for the specified Oracle system catalog table, PowerExchange encountered an error. PowerExchange did not find data for the specified column.
System Action:	PowerExchange processing of the DDL-related DML change fails. However, CDC processing continues.
User Response:	See message PWX-36380 for the redo log position where the error occurred. Because CDC processing continues, no response is required.
<b>PWX-36386</b>	<b>ORAD: DDL processing error for table <i>creator.table_name</i>: Not all required columns present.</b>
Explanation:	While processing a DDL-related insert or delete operation in the redo log for the specified Oracle system catalog table, PowerExchange encountered an error. PowerExchange did not find all of the columns that it expected in the change row.

System Action:	PowerExchange processing of the DDL-related change fails. However, CDC processing continues.
User Response:	See associated messages to determine the redo log position where the error occurred and to identify the missing columns. Because CDC processing continues, no response is required.
<b>PWX-36387</b>	<b>ORAD Info: SCN <i>scn</i> DDL table rename from <i>creator.table_name</i> to <i>creator.table_name</i> (base object <i>object_id</i>).</b>
Explanation:	PowerExchange Express CDC for Oracle encountered an ALTER TABLE RENAME operation in the changes stream for a table from which changes are captured.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36388</b>	<b>ORAD Info: SCN <i>scn</i> DDL table rename from <i>creator.table</i> to <i>creator.table</i> (base object <i>object_ID</i>).</b>
Explanation:	An unsupported ALTER TABLE RENAME operation was encountered in the change stream for a table from which changes are captured.
System Action:	The CDC session ends abnormally.
User Response:	Re-materialize the target tables to start processing changes after the rename operation.
<b>PWX-36389</b>	<b>ORAD Info: SCN <i>scn</i> DDL operation for user <i>user_number</i>, name <i>user_name</i>: <i>operation</i>.</b>
Explanation:	A DDL operation added the specified Oracle database user.
System Action:	PowerExchange Express CDC for Oracle processing continues.
User Response:	No response is required.
<b>PWX-36390</b>	<b>ORAD Info: SCN <i>scn</i> DDL operation for captured table <i>creator.table_name</i> (base object <i>object_id</i>): {<i>ddl_operation</i> <i>trace_information</i>}.</b>
Explanation:	<p>PowerExchange Express CDC for Oracle detected that the object identifier for the specified source table changed because of a DDL operation. If Express CDC supports the DDL operation, this message ends with the supported operation type and Express CDC continues processing. If Express CDC does not support the DDL operation, this message ends with the unsupported operation type and CDC processing ends with a separate error message. If Express CDC cannot determine whether the DDL operation is supported, the message ends with trace information for diagnostic use, provided that tracing is activated by the TRACE statement in the dbmover.cfg file.</p> <p>This message can report any of the following supported or unsupported DDL operation types:</p> <ul style="list-style-type: none"> <li>• table alter</li> <li>• table alter ok</li> <li>• table create</li> <li>• table drop</li> <li>• column add(s)</li> <li>• virtual column add(s)</li> <li>• column drop(s)</li> <li>• virtual column drop(s)</li> <li>• column alter</li> </ul>

- column alter ok
- partition add(s)
- partition drop(s)

For partition drop(s), if you want Express CDC to continue without subsequent error messages, you must specify PARTITION\_DROP\_FAIL=N in the OPTIONS statement of the PowerExchange Express CDC configuration file.

Also, the support for some operation types, such as table drop, depends on the EXCEPTIONS parameter in the DICTIONARY statement.

System Action: CDC processing continues or ends. For DROP PARTITION operations, CDC processing ends if the PARTITION\_DROP\_FAIL parameter is set to the default value of Y.

User Response: No response is required.

**PWX-36391 ORAD Info: Begin resolving resources.**

Explanation: PowerExchange Express CDC for Oracle started resolving capture registration resources with information in its dictionary.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36392 ORAD: Fatal issue encountered with table *schema.table\_name* while resolving resources.**

Explanation: PowerExchange Express CDC for Oracle encountered one or more fatal issues related to the specified table when resolving registration resources with information in its dictionary. The dictionary processing mode is STATIC.

System Action: Processing ends.

User Response: To diagnose the error, review accompanying messages. If you need assistance, contact Informatica Global Customer Support. Provide them with the redo log and relevant message output.

**PWX-36393 ORAD Warn: Issues encountered while resolving resources.**

Explanation: PowerExchange Express CDC for Oracle encountered an error when resolving registration resources with information in its dictionary. The dictionary processing mode is dynamic.

System Action: Processing continues.

User Response: Before the first data extraction starts, use DDL to try to correct the error.

**PWX-36394 ORAD Info: All resources resolved.**

Explanation: PowerExchange Express CDC for Oracle finished resolving all resources in its dictionary without error.

System Action: Processing continues.

User Response: No response is required.

<b>PWX-36395</b>	<b>ORAD: Captured table <i>owner.table_name</i> did not resolve.</b>
Explanation:	PowerExchange Express CDC for Oracle could not resolve the specified table with the table information in its dictionary. When resolving a table, PowerExchange Express CDC for Oracle performs the following processing: <ul style="list-style-type: none"> <li>• Verifies that the registered table exists and has no characteristics that disqualify it for CDC. For example, it cannot be an IOT.</li> <li>• Verifies that the selected columns exist and have no characteristic that disqualify them for CDC. For example, they cannot be virtual columns or have unsupported datatypes.</li> </ul>
System Action:	PowerExchange Express CDC processing ends.
User Response:	Correct the table registration or table properties.
<b>PWX-36396</b>	<b>ORAD: Text from ccatdmp file <i>line=line_number, offset=line_offset: text_fragment</i>.</b>
Explanation:	This message provides text from a ccatdmp file that is related to a ccatdmp file error. The error is reported in another message. The ccatdmp file contains information from the Oracle Express capture catalog tables and is generated by the PWXUORAD utility.
System Action:	PowerExchange processing of the ccatdmp file fails.
User Response:	Correct the error, and then issue the PWXUORAD command again.
<b>PWX-36397</b>	<b>ORAD: Ccatdmp file error: <i>error_description</i>.</b>
Explanation:	While processing a ccatdmp file, PowerExchange encountered an error. This message describes the error. The ccatdmp file contains the contents of the PowerExchange Express CDC for Oracle capture catalog table in a readable format. It is generated by the CCATDMP command of the PWXUORAD utility.
System Action:	PowerExchange processing of the ccatdmp file fails.
User Response:	Correct the error, and then issue the utility command again.
<b>PWX-36398</b>	<b>ORAD: Capture catalog file error: <i>File=file_name, operation=operation, error number=error_number, error description=error_string</i>.</b>
Explanation:	PowerExchange encountered an error while processing its file-based capture catalog for PowerExchange Express CDC for Oracle. This message identifies the capture catalog file name, the operation in progress when the error occurred, and the error number and text.
System Action:	PowerExchange processing of the capture catalog fails.
User Response:	Contact Informatica Global Customer Support. Provide them with the information from this message and from associated message PWX-36399.
<b>PWX-36399</b>	<b>ORAD: Capture catalog error: <i>error_description</i>.</b>
Explanation:	PowerExchange encountered an error while processing its capture catalog for PowerExchange Express CDC for Oracle. This message describes the error.
System Action:	PowerExchange processing of the capture catalog fails.
User Response:	Contact Informatica Global Customer Support. Provide them with the information from this message.

<b>PWX-36400</b>	<b>ORAD: Call <i>function_name</i> failed.</b>
Explanation:	During PowerExchange Express CDC for Oracle, a call of the specified PowerExchange function failed.
System Action:	The CDC session ends abnormally.
User Response:	Review associated messages and try to resolve the error. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-36401</b>	<b>ORAD Info: CDC configuration file <i>path_and_filename</i> contains parameters:</b>
Explanation:	PowerExchange is processing the specified PowerExchange Express CDC for Oracle configuration file. This message introduces subsequent messages that show the parameters that are defined in the file.
User Response:	No response is required.
<b>PWX-36402</b>	<b>ORAD: Statement <i>statement_name</i> has conflicting keywords: <i>keyword_name</i> and <i>keyword_name</i>.</b>
Explanation:	In the PowerExchange Express CDC for Oracle configuration file, the specified statement has conflicting keywords. This message identifies the keywords in conflict.
System Action:	The CDC session ends abnormally.
User Response:	Correct the keywords in the statement. Then start the CDC session again.
<b>PWX-36403</b>	<b>ORAD: Duplicate statement <i>statement_name</i>.</b>
Explanation:	In the PowerExchange Express CDC for Oracle configuration file, the specified statement appears more than once. However, PowerExchange allows only one occurrence.
System Action:	The CDC session ends abnormally.
User Response:	Edit the configuration file such that the statement appears once. Then start the CDC session again.
<b>PWX-36404</b>	<b>ORAD: Multiple DIRSUB statements specify the same SERVER <i>file_name_prefix</i>.</b>
Explanation:	In the PowerExchange Express CDC for Oracle configuration file, multiple DIRSUB statements specify the same SERVER keyword value but different corresponding LOCAL keyword values. PowerExchange cannot substitute more than one LOCAL directory location for the same SERVER location.
System Action:	The CDC session ends abnormally.
User Response:	In the configuration file, correct the keyword values in the DIRSUB statements. Then start the CDC session again.
<b>PWX-36405</b>	<b>ORAD Info: DBID: <i>database_identifier</i>.</b>
Explanation:	This message reports the Oracle database identifier (DBID) from the restart token as a decimal number.
User Response:	No response is required.
<b>PWX-36406</b>	<b>ORAD Info: Restart SCN: <i>decimal_scn</i>[<i>hexadecimal_scn</i>].</b>
Explanation:	This message reports the restart SCN from the restart token as decimal and hexadecimal values.

User Response: No response is required.

**PWX-36407 ORAD Info: Sequence <NULL>.**

Explanation: The redo log sequence number that is in the sequence token is NULL.

User Response: No response is required.

**PWX-36408 ORAD Info: Change vec : *change\_vector\_number*.**

Explanation: This message reports the change vector number from the sequence token as a decimal number.

User Response: No response is required.

**PWX-36409 ORAD Info: Commit SCN : *decimal\_scn[hexadecimal\_scn]/relative\_record\_number*.**

Explanation: This message reports the commit SCN from the sequence token as decimal and hexadecimal values and the relative redo record number that is in this SCN.

User Response: No response is required.

**PWX-36410 ORAD Info: Counter : *decimal\_number*.**

Explanation: This message reports the counter number from the sequence token as a decimal value.

User Response: No response is required.

**PWX-36411 ORAD Info: Member: *member\_number*.**

Explanation: This message reports the member number from the sequence token as a decimal value.

User Response: No response is required.

**PWX-36412 ORAD Info: Redo SCN : *decimal\_scn[hexadecimal\_scn]/relative\_record\_value*.**

Explanation: This message reports the redo record SCN from the sequence token as decimal and hexadecimal values and the relative redo record number that is in this SCN.

User Response: No response is required.

**PWX-36413 ORAD Info: Restart resetlogs ID : *resetlogs\_ID*.**

Explanation: This message reports the Oracle resetlogs identifier from the restart token as a decimal number. The restart token is for resuming PowerExchange Express CDC for Oracle.

User Response: No response is required.

**PWX-36414 ORAD Info: Restart default.**

Explanation: The default restart point is in effect. On an active Oracle system, the default is usually the start of the last redo log that was archived.

User Response: No response is required.

**PWX-36415 ORAD Info: Restart <NULL>.**

Explanation: The restart token is Null. Consequently, Oracle Express extraction processes use the default restart point.

User Response: No response is required.

<b>PWX-36416</b>	<b>ORAD: Multiple schemas <i>schema_name</i> and <i>schema_name</i> cannot be overridden using the global schema override <i>override_name</i>.</b>
Explanation:	A global schema override is specified, but the Oracle capture registrations reference more than one schema.
System Action:	The CDC session ends abnormally.
User Response:	To use a global schema override, use only registrations that reference a single schema. Alternatively, remove the global schema override.
<b>PWX-36417</b>	<b>ORAD: <i>NO_FILTER_tag_name</i> and other tags cannot be mixed.</b>
Explanation:	The special NO FILTER registration tag name cannot coexist with other registration tag names for Oracle tables.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36418</b>	<b>ORAD: <i>NO_FILTER_tag_name</i> specified without RequestNoChangeData extended attribute.</b>
Explanation:	The special NO FILTER registration tag name requires the RequestNoChangeData extended attribute to be specified too.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36419</b>	<b>ORAD: Registration for table <i>schema_name.table_name</i> contains column name <i>column_name</i> more than once.</b>
Explanation:	The capture registration for the specified table contains the same column more than once. PowerExchange allows only one occurrence of a particular column in a registration.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36420</b>	<b>ORAD: Registration for table <i>schema_name.table_name</i>: Columns <i>column_name</i> and <i>column_name</i> have the same output column number <i>column_number</i>.</b>
Explanation:	The capture registration for the specified table contains the same column more than once. PowerExchange allows only one occurrence of a column in a registration.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36421</b>	<b>ORAD: Registration tags <i>registration_tag_name</i> and <i>registration_tag_name</i> both refer to table <i>schema name.table name</i>.</b>
Explanation:	The specified registration tag names identify capture registrations that reference the same Oracle table. PowerExchange allows only one registration to be active for a table at a time.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36422</b>	<b>ORAD: PowerExchange call <i>call_name</i> failed for node <i>node_name</i>.</b>
Explanation:	The specified PowerExchange call for the node failed.



System Action: The CDC session ends abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-36423 ORAD: Database ID *database\_identifier* in restart token must be *database\_identifier*.**

Explanation: The specified Oracle database ID from the restart token is not valid because it does not match the database ID that is in the redo log files. The database ID from the redo logs is second database ID in this message. This error might be caused by a CDC configuration error or by incorrect edits to the restart token value.

System Action: The CDC session ends abnormally.

User Response: If you manually edited the restart token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance, the CAPI\_CONNECTION statement, and the Oracle Express READER parameters. Then start the CDC session again.

**PWX-36424 ORAD: SCN *scn* in the restart token must be equal to or less than the current end-of-log SCN *scn*.**

Explanation: The SCN in the restart token is not valid because it indicates a log position that is later than the current end-of-log SCN. This error might be caused by a CDC configuration error or by incorrect edits to the restart token value.

System Action: The CDC session ends abnormally.

User Response: If you manually edited the restart token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance, the CAPI\_CONNECTION statement, and the Oracle Express READER parameters. Then start the CDC session again.

**PWX-36425 ORAD: Restart token length *length* must be *length*.**

Explanation: The restart token length is not valid for PowerExchange Express CDC for Oracle sessions. This message indicates the correct length. This error might be caused by a CDC configuration error or by incorrect edits to the restart token value.

System Action: The CDC session ends abnormally.

User Response: If you manually edited the restart token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance and CAPI\_CONNECTION statement. Then start the CDC session again.

**PWX-36426 ORAD: Change vector value zero requires redo SCN and redo SUBSCN to be zero in the sequence token.**

Explanation: The sequence token is not valid for PowerExchange Express CDC for Oracle. Its change vector of zero is not consistent with its nonzero SCN and SUBSCN values. This error might be caused by a CDC configuration error or by incorrect edits to the sequence token value.

System Action: The CDC session ends abnormally.

User Response: If you manually edited the sequence token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance and the CAPI\_CONNECTION statement. Then start the CDC session again.

<b>PWX-36427</b>	<b>ORAD: Change vector value 0xFFFF requires redo SCN and redo SUBSCN to have all 0xFF values in the sequence token.</b>
Explanation:	The sequence token is not valid for PowerExchange Express CDC for Oracle. Its change vector of 0xFFFF is not consistent with its SCN and SUBSCN values. This error might be caused by a CDC configuration error or by incorrect edits to the sequence token value.
System Action:	The CDC session ends abnormally.
User Response:	If you manually edited the sequence token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance and the CAPI_CONNECTION statement. Then start the CDC session again.
<b>PWX-36428</b>	<b>ORAD: Sequence token length <i>length_value</i> must be <i>length_value</i>.</b>
Explanation:	The sequence token length is not valid for PowerExchange Express CDC for Oracle. This message indicates the correct length. This error might be caused by a CDC configuration error or by incorrect edits to the sequence token value.
System Action:	The CDC session ends abnormally.
User Response:	If you manually edited the sequence token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance and the CAPI_CONNECTION statement. Then start the CDC session again.
<b>PWX-36429</b>	<b>ORAD: Commit SCN <i>scn</i> must be greater than redo SCN <i>scn</i> in the sequence token.</b>
Explanation:	The sequence token is not valid for PowerExchange Express CDC for Oracle. This error might be caused by a CDC configuration error or by incorrect edits to the sequence token value.
System Action:	The CDC session ends abnormally.
User Response:	If you manually edited the sequence token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance and the CAPI_CONNECTION statement. Then start the CDC session again.
<b>PWX-36430</b>	<b>ORAD: Version <i>xversion</i> must be <i>xversion</i> in the sequence token.</b>
Explanation:	The sequence token is not valid for PowerExchange Express CDC for Oracle because it contains incorrect version information. This message indicates the correct version value. This error might be caused by a CDC configuration error or by incorrect edits to the sequence token value.
System Action:	The CDC session ends abnormally.
User Response:	If you manually edited the sequence token, correct the token value. Also, verify that the PowerExchange configuration for the CDC session is correct, including the referenced PowerExchange instance and the CAPI_CONNECTION statement. Then start the CDC session again.
<b>PWX-36431</b>	<b>ORAD: Tag <i>registration_tag_name</i> database <i>collection_id</i> does not match configured Oracle ID <i>ORACLEID_statement_collection_id</i>.</b>
Explanation:	The specified registration tag name identifies a capture registration that is for an Oracle database other than the database for which the PowerExchange Express CDC for Oracle session is configured.

System Action:	The CDC session ends abnormally.
User Response:	Make sure that the Oracle database that is specified in the ORAD CAPI_CONNECTION statement matches the Oracle database that is specified in the capture registration.
<b>PWX-36432</b>	<b>ORAD Info: Registration tag name is <i>registration_tag_name</i>.</b>
Explanation:	This message reports a capture registration tag name for an error that is reported in another message.
User Response:	No response is required.
<b>PWX-36433</b>	<b>ORAD: No active entry for registration tag <i>registration_tag_name</i> found in node <i>node_name</i>.</b>
Explanation:	An active capture registration that corresponds to the specified registration tag name was not found in the PowerExchange registrations list on the specified node.
System Action:	The CDC session ends abnormally.
User Response:	Make sure that the capture registration that has the specified tag name exists on the node and is active. If you add or activate the registration, run the CDC session again. If the active capture registration already exists, contact Informatica Global Customer Support.
<b>PWX-36434</b>	<b>ORAD Info: Line <i>configuration_file_line_number</i>: <i>configuration_file_line_text</i>.</b>
Explanation:	This message reports the statements and parameters that are defined in the PowerExchange Express CDC for Oracle configuration file.
User Response:	No response is required.
<b>PWX-36435</b>	<b>ORAD Info: Redo RBA : <i>hexadecimal_rba_value</i>[<i>decimal_file_sequence_number</i>].</b>
Explanation:	This message reports the redo RBA from the sequence token as a hexadecimal value followed by the file sequence number.
User Response:	No response is required.
<b>PWX-36437</b>	<b>ORAD: Configuration file <i>statement_name</i> statement: Keyword <i>keyword_name</i> requires keyword <i>keyword_name</i> to also be specified.</b>
Explanation:	In the PowerExchange Express CDC for Oracle configuration file, the specified statement includes a keyword that requires another keyword to be specified. This message identifies the missing keyword.
System Action:	The CDC session ends abnormally.
User Response:	Edit the configuration file to add the missing keyword to the statement. Then run the CDC session again.
<b>PWX-36438</b>	<b>ORAD: Checkpointing or Dynamic Dictionary usage require a STATESTORAGE statement be specified.</b>
Explanation:	To use the Oracle dynamic dictionary and checkpointing features, you must specify the STATESTORAGE statement in the PowerExchange Express CDC for Oracle configuration file. The statement defines the type and location of the storage that is used to maintain the dynamic dictionary and the processing state information.
System Action:	The CDC session ends abnormally.
User Response:	Add the STATESTORAGE statement in the configuration file.

<b>PWX-36439</b>	<b>ORAD Info <i>rac_member</i>: + Resource usage (<i>status</i>): in memory <i>number</i>, spilled <i>number</i>. Spill files <i>number_of_files</i>.</b>
Explanation:	This message reports information about resource usage during PowerExchange Express CDC for Oracle processing, including the amount of memory used, the amount of data written to spill files, and the number of spill files generated. In this message, the <i>status</i> value is either Completed or In progress.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36440</b>	<b>ORAD Info: Monitor messages begin (<i>timestamp</i>).</b>
Explanation:	This message is the first message issued during a monitoring interval. It indicates the beginning of a set of transaction monitoring messages for PowerExchange Express CDC for Oracle. You set the monitoring interval in the MONITOR_INTERVAL parameter of the OPTIONS statement in the Express CDC configuration file.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36441</b>	<b>ORAD Info: Interval return counts: no data <i>number</i>, commits <i>number</i>, inserts <i>number</i>, updates <i>number</i>, deletes <i>number</i>.</b>
Explanation:	This message reports the number of no-data results, commits, inserts, updates, and deletes that the consumer API (CAPI) returned to the PowerExchange Logger for Linux, UNIX, and Windows during the last PowerExchange Express CDC for Oracle monitoring interval.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36442</b>	<b>ORAD Info: Interval TMGR counts: no data <i>number</i>, transaction control <i>number</i>, operations <i>number</i>, other <i>number</i>.</b>
Explanation:	This message reports the number of no-data operations, transaction-control operations, data operations, and other operations that the PowerExchange Express CDC for Oracle transaction manager processed during the last monitoring interval.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36443</b>	<b>ORAD Info: Interval resource maximums: operations <i>number</i>, spill files <i>number</i>.</b>
Explanation:	This message reports statistics on peak resource usage by PowerExchange Oracle Express CDC for Oracle during the last monitoring interval. These statistics include the maximum number of operations staged and the maximum number of spill files allocated.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36444</b>	<b>ORAD Info: No data returned in this extraction.</b>
Explanation:	The consumer API (CAPI) has returned no data since the PowerExchange Express CDC for Oracle extraction started.
System Action:	CDC processing continues.

User Response: No response is required.

**PWX-36445      ORAD Info: Last data returned: commit SCN *scn*, timestamp *timestamp*, sequence *hexadecimal\_sequence\_value*.**

Explanation: This message reports the commit SCN, timestamp, and sequence value of the last data that the consumer API (CAPI) returned for the current PowerExchange Express CDC for Oracle extraction run. The *timestamp* value has the format YYYY-MM-DD-hh.mm.ss.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36446      ORAD Info: No noteworthy transactions.**

Explanation: No long outstanding transactions or large transactions were active at the end of the PowerExchange Express CDC for Oracle monitoring interval. Long outstanding transactions are those that are active for at least two monitoring intervals, as defined by the MONITOR\_INTERVAL parameter in the OPTIONS statement. Large transactions are those that meet the criteria in the LARGEOPS parameter in the OPTIONS statement.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36447      ORAD Info *rac\_member*: Transaction with *number* operations started at *timestamp*.**

Explanation: During the monitoring interval, PowerExchange Express CDC for Oracle found a transaction that meets the criteria for being a long outstanding transaction or a large transaction. This message reports, for this transaction, the number of operations and the start timestamp. PowerExchange issues this message when the time interval that is specified in the MONITOR\_INTERVAL parameter on the OPTIONS statement elapses. The associated message PWX-36460 provides the transaction ID. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36448      ORAD Info *rac\_member*: + Transaction aged out of restart calculation.**

Explanation: During PowerExchange Express CDC for Oracle, an outstanding transaction aged out of the restart calculation based on the criteria in the AGEOUTPERIOD parameter in the OPTIONS statement of the pwxorad.cfg file. For more information about the transaction, see message PWX-36447.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36449      ORAD Info: Monitor messages end (*timestamp*).**

Explanation: This message is the last message issued during a monitoring interval. It indicates the end of a set of transaction monitoring messages for PowerExchange Express CDC for Oracle. You set the monitoring interval in the MONITOR\_INTERVAL parameter of the OPTIONS statement in the Express CDC configuration file.

System Action: CDC processing continues.

User Response: No response is required.

<b>PWX-36450</b>	<b>ORAD: Log database ID (<i>database_identifier</i>) does match dictionary database ID (<i>database_identifier</i>).</b>
Explanation:	The Oracle database ID in the redo log does not match the database ID in the PowerExchange data dictionary.
System Action:	The CDC session ends abnormally.
User Response:	In the PowerExchange Express CDC for Oracle configuration file, edit the <code>READER</code> or <code>DICTIONARY</code> statement such that both statements refer to the same database. Then run the CDC session again.
<b>PWX-36451</b>	<b>ORAD Info: Sequence SCN: <i>scn</i>.</b>
Explanation:	This message reports the SCN from which the PowerExchange Express CDC for Oracle log reader starts returning change data from the redo log.
User Response:	No response is required.
<b>PWX-36452</b>	<b>ORAD Info: Restart SCN: <i>scn</i>.</b>
Explanation:	This message reports the restart SCN from which the PowerExchange Express CDC for Oracle log reader starts processing the redo log based on the restart points in effect for the Oracle source tables.
User Response:	No response is required.
<b>PWX-36453</b>	<b>ORAD Info: Dictionary SCN: <i>scn</i>.</b>
Explanation:	This message reports the SCN from which the PowerExchange Express CDC for Oracle log reader starts processing the redo log when the PowerExchange dictionary requires a restart from an SCN that is earlier than the restart SCN in message PWX-36452.
User Response:	No response is required.
<b>PWX-36457</b>	<b>ORAD Info <i>rac_member</i>: Oracle capture detected that a large transaction committed.</b>
Explanation:	PowerExchange Express CDC for Oracle capture detected that a large transaction was committed. A large transaction is one that meets the criteria in the <code>LARGEOPS</code> parameter of the <code>OPTIONS</code> statement. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36458</b>	<b>ORAD Info <i>rac_member</i>: Oracle capture detected that a large transaction was rolled back.</b>
Explanation:	PowerExchange Express CDC for Oracle capture detected that a large transaction was rolled back. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36459</b>	<b>ORAD Info <i>rac_member</i>: + Peak staging resources: operations <i>number_of_operations</i>.</b>
Explanation:	This message reports the peak number of operations associated with the staged transaction. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.

<b>PWX-36460</b>	<b>ORAD Info <i>rac_member</i>: + Transaction is <i>transaction_identifier</i>.</b>
Explanation:	This continuation message provides a transaction ID for a transaction that is addressed in a preceding message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36461</b>	<b>ORAD Info <i>rac_member</i>: + First SCN is <i>hexadecimal_scn</i> hex, <i>decimal_scn</i> decimal.</b>
Explanation:	This continuation message reports the first SCN value in hexadecimal and decimal formats. It notes a position in the Oracle redo logs that relates to a preceding message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36462</b>	<b>ORAD Info <i>rac_member</i>: + First RBA is <i>rba</i> in redo log file <i>log_file_sequence_number</i>.</b>
Explanation:	This continuation message reports the first RBA value in the Oracle redo log file that has the specified sequence number. This log position relates to a preceding message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36463</b>	<b>ORAD Info <i>rac_member</i>: + Last SCN is <i>hexadecimal_scn</i> hex, <i>decimal_scn</i> decimal.</b>
Explanation:	This continuation message reports the last SCN value in hexadecimal and decimal formats and is associated with another message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36464</b>	<b>ORAD Info <i>rac_member</i>: + Last RBA is <i>rba</i> in redo log file <i>file_sequence_number</i>.</b>
Explanation:	This message reports the last RBA value in the redo log file that has the specified sequence number. This message is associated with another message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36465</b>	<b>ORAD Info <i>rac_member</i>: DML sequence error: <i>description</i>.</b>
Explanation:	While assembling redo log entries, PowerExchange encountered a DML sequence error for a transaction. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange ignores the DML sequence error if the transaction was rolled back or was committed before the CDC restart point. If the transaction was committed after the CDC restart point, an error occurs and the CDC session ends.
User Response:	If error message PWX-36475 is also issued and the CDC session ends, contact Informatica Global Customer Support. Otherwise, no response is required.

<b>PWX-36466</b>	<b>ORAD <i>rac_member</i>: SCN/SUBSCN/RBA/CV does not ascend for transaction <i>transaction_identifier</i>.</b>
Explanation:	PowerExchange encountered a fatal error while assembling redo log entries. The SCN, SUBSCN, RBA, and change vector values for the specified transaction are not in ascending order. For the previous and current values, see messages PWX-36467 and PWX-36468. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	The CDC session ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36467</b>	<b>ORAD Info <i>rac_member</i>: Previous values: SCN <i>scn</i>, SUBSCN <i>subordinate_scn</i>, RBA <i>rba</i>, and CV <i>change_vector</i>.</b>
Explanation:	This message reports the previous SCN, SUBSCN, RBA, and change vector values that are associated with error message PWX-36466. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36468</b>	<b>ORAD Info <i>rac_member</i>: Current values: SCN <i>scn</i>, SUBSCN <i>subordinate_scn</i>, RBA <i>rba</i>, and CV <i>change_vector</i>.</b>
Explanation:	This message reports the current SCN, SUBSCN, RBA, and change vector values that are associated with error message PWX-36466. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36469</b>	<b>ORAD Info <i>rac_member</i>: Object ID <i>object_identifier</i> does not match BACKOUT object ID <i>object_identifier</i>.</b>
Explanation:	While assembling redo log entries, PowerExchange detected a mismatch between the specified BACKOUT object ID and the original DML operation object ID. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange ignores the object ID mismatch if the transaction was rolled backed or was committed before the CDC restart point. If the transaction was committed after the CDC restart point, an error occurs and the CDC session ends.
User Response:	If error message PWX-36475 is also issued and the CDC session ends, contact Informatica Global Customer Support. Otherwise, no response is required.
<b>PWX-36470</b>	<b>ORAD Info <i>rac_member</i>: Object ID <i>object_identifier</i> does not match first DML object ID <i>object_identifier</i>.</b>
Explanation:	While assembling redo log entries, PowerExchange detected a mismatch between the specified object ID and the first DML object ID in the sequence. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange ignores the object ID mismatch if the transaction was rolled back or was committed before the CDC restart point. If the transaction was committed after the CDC restart point, an error occurs and the CDC session ends.



User Response: If error message PWX-36475 is also issued and the CDC session ends, contact Informatica Global Customer Support. Otherwise, no response is required.

**PWX-36471      ORAD Info *rac\_member*: Object ID *object\_identifier* does not match first MBU object ID *object\_identifier*.**

Explanation: While assembling redo log entries, PowerExchange detected a mismatch between the specified object ID and the first MBU object ID in the multiple-block sequence. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: PowerExchange ignores the object ID mismatch if the transaction was rolled back or was committed before the CDC restart point. If the transaction was committed after the CDC restart point, an error occurs and the CDC session ends.

User Response: If error message PWX-36475 is also issued and the CDC session ends, contact Informatica Global Customer Support. Otherwise, no response is required.

**PWX-36472      ORAD Info *rac\_member*: Number of active DML sequences is *number\_of\_sequences*.**

Explanation: This message reports the number of active DML sequences and is associated with another message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36473      ORAD Info *rac\_member*: DML active sequence *dml\_active\_sequence\_number* has first SCN value: *hexadecimal\_scn* hex, *decimal\_scn* decimal.**

Explanation: This message reports the first SCN value that is associated with an active DML sequence. This message is associated with another message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36474      ORAD Info *rac\_member*: DML active sequence *dml\_active\_sequence\_number* has first RBA *rba* in redo log file *file\_sequence\_number*.**

Explanation: This message reports the first RBA value in the specified redo log file that is associated with an active DML sequence. This message is associated with another message. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36475      ORAD *rac\_member*: PowerExchange encountered a redo log assembly error in a committed transaction.**

Explanation: While assembling redo log entries, PowerExchange encountered an error in a transaction that was committed after the restart point. PowerExchange issues this message to the console and message log. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action: The CDC session ends abnormally. When PowerExchange first detected the error, it issued a related informational message, such as PWX-36465, PWX-36469, PWX-36470, or PWX-36471.

User Response: Find the related informational message. Then contact Informatica Global Customer Support and provide them with the relevant message output.

<b>PWX-36476</b>	<b>ORAD Info <i>rac_member</i>: Transaction with redo log assembly error was before restart point, transaction <i>transaction_id</i>.</b>
Explanation:	While assembling redo log entries, PowerExchange encountered an error for a transaction that was committed before the restart point. As a result, PowerExchange ignored the error.
System Action:	The CDC session continues.
User Response:	No response is required.
<b>PWX-36477</b>	<b>ORAD Info <i>rac_member</i>: Transaction with redo log assembly error was rolled back, transaction <i>transaction_id</i>.</b>
Explanation:	While assembling redo log entries, PowerExchange encountered an error for a transaction that was rolled back. As a result, PowerExchange ignored the error.
System Action:	The CDC session continues.
User Response:	No response is required.
<b>PWX-36478</b>	<b>ORAD Info <i>rac_member</i>: Multi-block sequence reset, transaction <i>transaction_identifier</i>.</b>
Explanation:	While assembling redo log entries, PowerExchange Express CDC log reader encountered an error in a multi-block sequence of log records for the specified transaction. PowerExchange was able to recover from the error without user intervention. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	PowerExchange ignores the error and continues.
User Response:	No response is required.
<b>PWX-36479</b>	<b>ORAD Info <i>rac_member</i>: + Current TMGR SCN <i>scn_decimal_value</i>.</b>
Explanation:	This message reports the current SCN of the PowerExchange Express CDC for Oracle transaction manager. If you perform CDC in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36480</b>	<b>ORAD Info <i>rac_member</i>: Spill file was allocated. File number <i>spill_file_number</i>, file name <i>file_name</i>.</b>
Explanation:	PowerExchange Express CDC for Oracle allocated the specified spill file. The spill file number indicates how many spill files have been allocated since the start of extraction processing. On UNIX, spill files are not visible in the directory list. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
User Response:	No response is required.
<b>PWX-36481</b>	<b>ORAD <i>rac_member</i>: Spill file error: Operation=<i>operation_type</i>, file=<i>spill_file_number</i>, errno=<i>error_number</i>.</b>
Explanation:	PowerExchange encountered an error during an operation on an PowerExchange Express CDC for Oracle spill file. This message provides diagnostic information about the error. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.
System Action:	Except for Close operations, the CDC session ends abnormally.

User Response: The problem is often related to the file system. Use the information in this message to try to correct the error. If you need assistance, contact Informatica Global Customer Support.

**PWX-36482 ORAD Info *rac\_member*: Spill file error: *error\_text*.**

Explanation: This message provides information about the spill file error that is reported in message PWX-36481. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: No response is required.

**PWX-36483 ORAD Info *rac\_member*: Spill file was freed. File number *spill\_file\_number*, file name *file\_name*.**

Explanation: The specified spill file for PowerExchange Express CDC for Oracle was freed. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

User Response: To verify that the file was freed, you can match the file number in this message against the file number in message PWX-36480 for the file allocation.

**PWX-36484 ORAD Info *rac\_member*: Transaction manager detected member is down at SCN *scn*.**

Explanation: The PowerExchange Express CDC for Oracle transaction manager detected that the RAC member stopped running at the specified SCN.

User Response: No response is required.

**PWX-36485 ORAD Info *rac\_member*: Transaction *transaction\_id* aborted because still active when member came up.**

Explanation: The PowerExchange Express CDC for Oracle transaction manager rejected the specified transaction after the RAC member restarted. The transaction was active on another RAC member, the one to which it was transferred when the specified member stopped.

User Response: No response is required.

**PWX-36486 ORAD Info *rac\_member*: Transaction manager detected member is up at SCN *scn*.**

Explanation: The PowerExchange Express CDC for Oracle transaction manager detected that the specified RAC member started running at the specified SCN.

User Response: No response is required.

**PWX-36487 ORAD Info *rac\_member*: Transaction *transaction\_id* aborted because of transaction *transaction\_id* begin.**

Explanation: The PowerExchange Express CDC for Oracle transaction manager rejected the specified transaction because a newer transaction that has the same identifier began.

User Response: No response is required.

**PWX-36488 ORAD Info *rac\_member*: DML sequence warning: *description*.**

Explanation: While assembling redo log entries, PowerExchange encountered a DML sequence error for a transaction. PowerExchange can often account for the error in a manner that corrects the problem. If you perform PowerExchange Express CDC for Oracle in an Oracle RAC environment, this message includes the name of the relevant RAC member.

System Action:	PowerExchange compensates for the DML sequence error and continues extraction processing.
User Response:	No response is required.
<b>PWX-36490</b>	<b>ORAD Info: PWX-36491 messages that were associated with thread <i>thread_name</i> at extraction termination:</b>
Explanation:	This message identifies the thread for which subsequent PWX-36491 messages report information.
User Response:	No response is required.
<b>PWX-36491</b>	<b>ORAD Info: <i>message_text</i>.</b>
Explanation:	If multiple errors cause an PowerExchange Express CDC for Oracle session to end abnormally, PowerExchange reports one of them in a separate error message and reports all of the other errors in messages with this message ID.
User Response:	No response is required.
<b>PWX-36492</b>	<b>ORAD Info: Shutdown request detected (<i>thread_name</i>).</b>
Explanation:	PowerExchange Express CDC for Oracle received a shutdown request from a caller on the specified thread and is shutting down.
User Response:	No response is required.
<b>PWX-36494</b>	<b>ORAD Warn <i>rac_member</i>: Transaction started at <i>timestamp</i> was aged out of restart calculation and is now active.</b>
Explanation:	PowerExchange Express CDC for Oracle detected DML changes for an active transaction that has aged out of the restart calculation. The AGEOUTPERIOD parameter in the OPTIONS statement of the pwxorad.cfg file probably specifies a period that is too short. Data for the aged-out transaction might be lost if the capture process is shut down and then restarted before the transaction completes.
System Action:	CDC processing continues.
System Action:	Increase the AGEOUTPERIOD value in the OPTIONS statement, or implement policies that prevent long outstanding transactions.
<b>PWX-36497</b>	<b>ORAD Info: Extraction return counts: no data <i>number</i>, commits <i>number</i>, inserts <i>number</i>, updates <i>number</i>, deletes <i>number</i>.</b>
Explanation:	This message reports the number of no-data results, commits, inserts, updates, and deletes that the consumer API (CAPI) returned to the PowerExchange Logger for Linux, UNIX, and Windows for the extraction run.
System Action:	CDC processing continues.
User Response:	No response is required.
<b>PWX-36498</b>	<b>ORAD Info: Extraction TMGR counts: no data <i>number</i>, transaction control <i>number</i>, operations <i>number</i>, other <i>number</i>.</b>
Explanation:	This message reports the number of no-data operations, transaction-control operations, data operations, and other operations that the PowerExchange Express CDC for Oracle transaction manager processed during the entire extraction run.
System Action:	CDC processing continues.

User Response: No response is required.

**PWX-36499 ORAD Info: Extraction resource maximums: operations *number*, spill files *number*.**

Explanation: This message reports statistics on peak resource usage by PowerExchange Oracle Express CDC for Oracle during the entire extraction run. These statistics include the maximum number of operations staged and the maximum number of spill files allocated.

System Action: CDC processing continues.

User Response: No response is required.

**PWX-36500 ORAD Info *rac\_member*: Transaction manager detected resetlogs event at SCN *SCN* resetlogs ID *resetlogs\_ID*.**

Explanation: During PowerExchange Express CDC for Oracle, the PowerExchange transaction processing component detected an Oracle RESETLOGS event at the specified SCN.

User Response: No response is required.

**PWX-36501 ORAD Info *rac\_member*: Transaction *transaction\_ID* aborted because still active when resetlogs event issued.**

Explanation: During PowerExchange Express CDC for Oracle, the PowerExchange transaction processing component aborted the specified Oracle transaction because an Oracle resetlogs event occurred while the transaction was still active.

User Response: No response is required.

**PWX-36502 ORAD: TMGR Last processed SCN *SCN* is greater than first SCN *SCN* for database incarnation with resetlogs ID *db\_resetlogs\_ID*.**

Explanation: During PowerExchange Express CDC for Oracle processing, a RESETLOGS event for the database incarnation with the specified resetlogs ID set an SCN that is less than the SCN for which the transaction manager last processed change records. As a result, the change data that PowerExchange Express CDC previously processed has become invalid.

System Action: PowerExchange Express CDC processing ends abnormally.

User Response: If the invalid change data was hardened to the PowerExchange Logger for Linux, UNIX, and Windows log files, you must cold start or special start the PowerExchange Logger. You might also need to rematerialize the target tables.

**PWX-36503 ORAD Info: Active redo file *file\_name* is not a candidate for processing because it does not match the active log mask.**

Explanation: The specified active redo log file is excluded from PowerExchange Express CDC for Oracle processing because its log file name does not match the mask in the ACTIVELOGMASK parameter in the READER statement of the PowerExchange Express CDC for Oracle configuration file. This informational message is associated with warning message PWX-36112.

System Action: Processing continues.

User Response: No response is required.

<b>PWX-36504</b>	<b>ORAD Info: Active redo file <i>file_name</i> is not a candidate for processing because it is flagged as <i>file_status</i> by Oracle.</b>
Explanation:	The specified active redo log is excluded from PowerExchange Express CDC for Oracle processing because of its file status in Oracle. This informational message is associated with warning message PWX-36112.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-36505</b>	<b>ORAD Info: Active redo file <i>file_name</i> is not a candidate for processing because it is not accessible.</b>
Explanation:	The specified active redo log is not eligible for PowerExchange Express CDC for Oracle processing because it cannot be accessed. This informational message is associated with warning message PWX-36112.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-36506</b>	<b>ORAD Warn: Open thread <i>thread_number</i> has no online redo files.</b>
Explanation:	PowerExchange Express CDC for Oracle found no online redo log files for the specified thread based on queries of the Oracle v\$log and v\$logfile views.
System Action:	Processing continues until the PowerExchange Express CDC log reader tries to access the online redo logs for the thread.
User Response:	No response is required.
<b>PWX-36507</b>	<b>ORAD: Unable to load TDE PKCS#11 interface.</b>
Explanation:	During PowerExchange Express CDC for Oracle processing, the PKCS#11 API for the HSM device that contains the TDE keystore could not be loaded for decryption processing.
System Action:	Oracle capture processing ends with an error.
User Response:	For more information, see the associated messages. Then correct the permissions on or path to the PKCS#11 client module.
<b>PWX-36508</b>	<b>ORAD: Call to TDE PKCS#11 function <i>function_name</i> <i>call_type</i> failed with return code <i>return_code</i>.</b>
Explanation:	During PowerExchange Express CDC for Oracle processing of TDE-encrypted tablespaces, a call to the specified PKCS#11 function failed with a return code that indicates an error.
System Action:	Oracle capture processing ends with an error.
User Response:	Contact the PKCS#11 client vendor, or examine the vendor documentation for information about the error code.
<b>PWX-36509</b>	<b>ORAD Warn: <i>wallet_type</i> TDE keystore defined in configuration cannot be accessed.</b>
Explanation:	An HSM, ASM, or file-based wallet that is defined in a TDEKEYSTORE parameter in the DATABASE statement in the Express CDC for Oracle configuration file cannot be accessed.
System Action:	If a master key that is required for CDC processing is stored in the wallet, capture processing will fail during log parsing.

User Response:	For more information, see the accompanying messages. Then correct or remove the invalid wallet configuration.
<b>PWX-36510</b>	<b>ORAD: No TDE keystore defined in configuration can be accessed.</b>
Explanation:	None of the wallets that are defined in TDEKEYSTORE parameters in the DATABASE statement in the Express CDC configuration file can be accessed.
System Action:	Oracle capture processing ends with an error.
User Response:	For more information, see the accompanying messages. Then correct or remove the invalid wallet configurations.
<b>PWX-36511</b>	<b>ORAD Warn: ASM credentials must be supplied on the READER statement to access an ASM wallet.</b>
Explanation:	In the PowerExchange Express CDC for Oracle configuration file, an ASM wallet is defined in the TDEKEYSTORE parameter in the DATABASE statement, but no credentials for accessing ASM are defined in the READER statement. When the ASM_CONNECT_STRING is not specified in the TDEKEYSTORE parameter, you must define the ASM connection credentials in the READER statement.
System Action:	If the ASM wallet stores a master key that is required for CDC, capture processing will fail during log parsing.
User Response:	Add the ASM connection credentials in the READER statement.
<b>PWX-36550</b>	<b>ORAD Warn <i>rac_member</i>: The ASM staging directory &lt;directory_name&gt; does not exist or cannot be accessed. Access failed with error code <i>error_number</i>: <i>error_text</i>.</b>
Explanation:	The ASM staging directory cannot be accessed.
System Action:	Processing continues. However, ASM staging will be disabled.
User Response:	Ensure that the staging directory exists and that the user ID under which the process runs has permissions that allow access to the directory.
<b>PWX-36551</b>	<b>ORAD Warn <i>rac_member</i>: Process does not have write permissions for ASM staging files.</b>
Explanation:	The process was unable to delete the ASM staging file.
System Action:	Processing continues. However, the cleanup or resizing of the staging files is not possible.
User Response:	Ensure that the user ID under which the process runs has permissions that allow deletion of the staging file.
<b>PWX-36552</b>	<b>ORAD Warn <i>rac_member</i>: ASM staging file &lt;file_name&gt; content is not valid.</b>
Explanation:	The ASM staging file does not contain the expected log information.
System Action:	Processing continues. However, ASM staging will be disabled.
User Response:	Validate that the staging directory is configured correctly and that all ASM instances have access to the same directory.
<b>PWX-36553</b>	<b>ORAD Warn <i>rac_member</i>: ASM staging has been temporarily disabled.</b>
Explanation:	ASM staging has been temporarily disabled because of prior errors.
System Action:	Processing continues. However, ASM staging are disabled until the next log switch.

User Response:	Validate that the staging directory is configured correctly and that all ASM instances have access to the same directory.
<b>PWX-36554</b>	<b>ORAD Warn <i>rac_member</i>: ASM staging has been permanently disabled after <i>number_of_attempts</i> retry attempts.</b>
Explanation:	After prior ASM staging errors, PowerExchange made the specified number of ASM staging retry attempts. None of these attempts were successful. PowerExchange then permanently disabled ASM staging.
System Action:	Processing continues. However, ASM staging is disabled.
User Response:	Validate that the staging directory is configured correctly and that all ASM instances have access to the same directory.
<b>PWX-36555</b>	<b>ORAD <i>rac_member</i>: Processing log file <i>file_name</i>, block <i>block_number</i>. Block header invalid. Checksum Validation failed.</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader encountered unexpected values in the block header of the specified Oracle redo log.
System Action:	Oracle capture tries to identify an alternate log file. If no alternate log exists for the log sequence, the capture process terminates.
User Response:	This error might be caused by an internal processing error or a corrupted log file. Contact Informatica Global Customer Support for assistance.
<b>PWX-36556</b>	<b>ORAD Info <i>rac_member</i>: ASM Staging: Staging calls <i>calls</i>. Read errors <i>read_errors</i>. Write errors <i>write_errors</i>. Staging retries <i>staging_retries</i>. Status <i>status</i>.</b>
Explanation:	<p>This message reports the following information about staging data in an Oracle Automatic Storage Management (ASM) staging file:</p> <ul style="list-style-type: none"> <li>• <i>calls</i> is the number of calls to stage data.</li> <li>• <i>read_errors</i> is the number of errors that were encountered while reading the staging file.</li> <li>• <i>write_errors</i> is the number of errors that were encountered during a request for ASM to copy data to the staging file.</li> <li>• <i>staging_retries</i> is the number of times that ASM retried copying data to the staging file after encountering errors. If multiple retry attempts are reported, NFS or network problems might exist.</li> <li>• <i>status</i> is either <b>enabled</b> if the staging operation is active or <b>disabled</b> if too many errors have been encountered.</li> </ul>
User Response:	If read or write errors are reported, examine the message log for warning messages that the ASM staging operation generated. If staging retries are reported, check for NFS or network problems.
<b>PWX-36557</b>	<b>ORAD Warn <i>rac_member</i>: Reader thread creation failed with error <i>error_number</i> [<i>error_text</i>].</b>
Explanation:	The PowerExchange Express CDC for Oracle log reader could not create a reader thread for asynchronous data processing.
System Action:	Asynchronous processing is disabled.
User Response:	Examine the error text that this message includes to determine the root cause of the error.



<b>PWX-36558</b>	<b>ORAD Warn <i>rac_member</i>: ASM read timed out after <i>timeout_interval</i> seconds.</b>
Explanation:	A PowerExchange Express CDC for Oracle read call to Oracle ASM timed out after the specified number of seconds.
System Action:	PowerExchange will retry the read call.
User Response:	No response is required.
<b>PWX-36560</b>	<b>ORAD Warn: Database SCN <i>scn</i> is approaching the maximum value currently supported by PowerExchange.</b>
Explanation:	The SCN of the Oracle source database is approaching the maximum SCN value that PowerExchange CDC currently supports.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36561</b>	<b>ORAD: Database SCN <i>scn</i> exceeds the maximum value currently supported by PowerExchange.</b>
Explanation:	The SCN of the Oracle source database has exceeded the maximum SCN value that PowerExchange CDC currently supports.
System Action:	Extraction processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36600</b>	<b>ORAD Info: Parameter <i>parameter_name</i> ignored.</b>
Explanation:	The specified parameter has been ignored because CAPI2 mode is in effect.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-36601</b>	<b>ORAD: Message <i>message_ID</i> issued for internal resource ID <i>resource_ID</i>, table <i>creator.table</i>.</b>
Explanation:	This message provides additional information for the specified error or warning message, including the internal resource ID and table name associated with the error or warning.
User Response:	For more information, see the preceding message that has the specified message ID.
<b>PWX-36602</b>	<b>ORAD Info: Source Table Filters</b>
Explanation:	This message precedes a list of source table filters.
User Response:	No response is required.
<b>PWX-36603</b>	<b>ORAD Info: <i>filter_number</i>: <i>filter_type</i> <i>creator_filter.table_filter</i>.</b>
Explanation:	This message describes a source table filter. The <i>filter_type</i> is one of the following values: "+" for an include filter, "-" for an exclude filter, or "?" for an ask filter. The <i>creator_filter</i> and <i>table_filter</i> values can be a mask or an explicit value. When multiple filters are defined, this message is issued for each filter in the order of precedence.
User Response:	No response is required.
<b>PWX-36604</b>	<b>ORAD Info: Selected Source Tables</b>
Explanation:	This message precedes a list of selected source tables.
User Response:	No response is required.

<b>PWX-36605</b>	<b>ORAD Info: <i>creator.table</i>.</b>
Explanation:	The Oracle source table that has the specified creator name and table name is selected for change capture processing.
User Response:	No response is required.
<b>PWX-36606</b>	<b>ORAD: No source tables selected.</b>
Explanation:	No source tables were selected based on the source filters.
System Action:	Extraction processing ends.
User Response:	Edit the filters so that they select at least one source table. Then run the session again.
<b>PWX-36607</b>	<b>ORAD: No columns in source table <i>creator.table</i> are eligible for change data capture.</b>
Explanation:	The specified Oracle source table is selected for change data capture, but none of table columns are eligible for change data capture.
System Action:	No change data is captured for the table.
User Response:	To avoid this message, add an exclusion filter that prevents the table from being selected for change capture.
<b>PWX-36608</b>	<b>ORAD: Internal error. Message content for an internal CDC component contains error: <i>description</i>.</b>
Explanation:	A message that is used internally to communicate with the change data capture component contains contents with the specified error.
System Action:	The message that contains the error is rejected. As a result, the session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36609</b>	<b>ORAD: CSO error: <i>description</i>.</b>
Explanation:	The internal CSO component encountered an error. This message provides a description of the error.
User Response:	No response is required.
<b>PWX-36610</b>	<b>ORAD: Filler call <i>method_name</i> failed.</b>
Explanation:	The internal Filler component encountered an error related to the specified call.
User Response:	No response is required. For more information about the error, look for a related message.
<b>PWX-36611</b>	<b>ORAD: Request '<i>description</i>' outstanding <i>number</i> intervals.</b>
Explanation:	The request has been outstanding for the specified number of intervals.
User Response:	The request caller might have encountered a problem.
<b>PWX-36612</b>	<b>ORAD: Internal error. Error occurred when building message for internal component: <i>description</i>.</b>
Explanation:	An internal error was encountered when building the contents of a message that is used internally to communicate with the change data capture component. This message provides a description of the error.
System Action:	The session might fail.

User Response:	Contact Informatica Global Customer Support.
<b>PWX-36613</b>	<b>ORAD Info: Capture processing was stopped on table <i>creator.table</i>.</b>
Explanation:	Change data capture for the specified Oracle source table was stopped.
System Action:	Change data is no longer captured from the table.
User Response:	No response is required.
<b>PWX-36614</b>	<b>ORAD Info: Sending capture clarification for table: <i>creator.table</i>.</b>
Explanation:	The source table filter corresponding to the specified table has the type of "ask." As a result, a clarification request is being sent to the requestor.
User Response:	No response is required.
<b>PWX-36615</b>	<b>ORAD Info: Retrieved catalog information for <i>number_of_processed_tables</i> tables out of <i>total_number_of_tables</i>.</b>
Explanation:	This message reports the status of retrieving Oracle source table information from the Oracle catalog.
User Response:	No response is required.
<b>PWX-36616</b>	<b>ORAD Info: Sending marker. SCN: <i>scn</i>. Time: <i>log_time</i>. Annotations: <i>json_annotations</i>.</b>
Explanation:	During Oracle change data processing, a requested marker was generated and written to the change stream.
User Response:	No response is required.
<b>PWX-36617</b>	<b>ORAD Info: New candidate table <i>creator.table_name</i>.</b>
Explanation:	PowerExchange Express CDC for Oracle detected the creation of a new Oracle table that matches selection criteria after capture processing was initiated.
System Action:	PowerExchange will monitor the table for DML changes. If a DML change is detected, PowerExchange will take additional actions.
User Response:	No response is required.
<b>PWX-36620</b>	<b>ORAD Error: Configuration processing error: <i>error_description</i>.</b>
Explanation:	A fatal error occurred when an Oracle CDC configuration was being processed. This message provides a description of the error.
System Action:	Extraction processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36621</b>	<b>ORAD Error: Configuration error: <i>description</i>.</b>
Explanation:	An error was encountered in the Oracle CDC configuration. This message describes the error.
System Action:	Extraction processing ends.
User Response:	Try to correct the error in the configuration. Then restart the extraction.
<b>PWX-36622</b>	<b>ORAD Info: Configuration:</b>
Explanation:	This message precedes a list of configuration information.

User Response: No response is required.

**PWX-36623 ORAD Info: *line\_of\_configuration\_information***

Explanation: This message presents a line of JSON configuration information. This information is intended to help diagnose a problem.

User Response: No response is required.

**PWX-36630 ORAD: Checkpoint file error at location *location*: File=*file\_name*, operation=*operation*, error number=*error\_number*, error description=*error\_string*.**

Explanation: PowerExchange encountered an error while processing a file-based checkpoint for PowerExchange Express CDC for Oracle. This message identifies the checkpoint file name, the operation in progress when the error occurred, and the error number and description.

System Action: PowerExchange checkpoint processing fails.

User Response: Contact Informatica Global Customer Support. Provide Support with the information from this message and from the associated message PWX-36399.

**PWX-36631 ORAD: Checkpoint error: *error\_description*.**

Explanation: PowerExchange encountered an error during checkpoint processing for PowerExchange Express CDC for Oracle. This message describes the error.

System Action: PowerExchange checkpoint processing fails.

User Response: Contact Informatica Global Customer Support. Provide Support with the information from this message.

**PWX-36632 ORAD: Checkpoint Manager connection with connection string *connection\_string* failed. Aborting capture.**

Explanation: During PowerExchange Express CDC for Oracle processing, a PowerExchange Checkpoint Manager attempt to connect to the checkpoint repository failed.

System Action: Extraction processing ends.

User Response: Correct the connection string for the checkpoint repository storage in the PowerExchange Express CDC configuration file. For more information, see the "Express CDC for Oracle" chapter in the *PowerExchange CDC Guide for Linux, UNIX, and Windows*.

**PWX-36633 ORAD Info: Checkpoint Manager connection with connection string *connection\_string* successful.**

Explanation: During PowerExchange Express CDC for Oracle processing, the PowerExchange Checkpoint Manager successfully connected to the checkpoint repository.

System Action: Extraction processing continues.

User Response: No response is required.

**PWX-36634 ORAD: Checkpoint table *table\_name* does not have the expected schema. Aborting capture.**

Explanation: The specified Oracle table does not have the correct schema for a checkpoint table.

System Action: Extraction processing ends.

User Response: Correct the schema of the table. For more information, see the "Express CDC for Oracle" chapter in the *PowerExchange CDC Guide for Linux, UNIX, and Windows*.

<b>PWX-36635</b>	<b>ORAD Warn: Checkpoint load: The spill count <i>number</i> for checkpoint <i>checkpoint_scn</i>, transaction <i>transaction_id</i> is less than the expected count <i>number</i>.</b>
Explanation:	The spill file that contains completed operations for the specified transaction cannot be loaded. For more information, see the associated messages.
System Action:	If transaction errors are tolerated, the checkpoint load continues.
User Response:	No response is required.
<b>PWX-36636</b>	<b>ORAD Warn: Checkpoint load: The transaction count <i>number</i> for checkpoint <i>checkpoint_scn</i> is less than the expected count <i>number</i>.</b>
Explanation:	PowerExchange Express CDC for Oracle did not load all expected transactions based on the specified checkpoint. For more information, see the associated messages.
System Action:	If you configured checkpointing to tolerate transaction errors, the checkpoint will be used for the load. However, data loss will occur.
User Response:	No response is required.
<b>PWX-36637</b>	<b>ORAD Warn: Checkpoint load: Checkpoint <i>checkpoint_scn</i> with restart SCN <i>scn</i> and sequence SCN <i>scn</i> is incomplete and will be rejected.</b>
Explanation:	PowerExchange Express CDC for Oracle did not load all expected transactions for the specified checkpoint and the EXCEPTIONS=TOLERATE parameter is not set. For more information, see the associated messages.
System Action:	Checkpoint load processing continues with the next available checkpoint. The restart SCN reverts to the former SCN value.
User Response:	No response is required.
<b>PWX-36638</b>	<b>ORAD Warn: Checkpoint load: Incomplete checkpoint <i>checkpoint_scn</i> with restart SCN <i>scn</i> and sequence SCN <i>scn</i> will be used for restart.</b>
Explanation:	PowerExchange Express CDC for Oracle did not load all expected transactions for the specified checkpoint. However, the checkpoint can be used for restart processing because the toleration of errors is enabled.
System Action:	This checkpoint will be used to restore the state during restart processing. Some data may be lost.
User Response:	No response is required.
<b>PWX-36639</b>	<b>ORAD Info: Checkpoint load: Checkpoint <i>checkpoint_scn</i> with restart SCN <i>scn</i> and sequence SCN <i>scn</i> will be used for restart.</b>
Explanation:	A checkpoint was found that is suitable for the specified restart information.
System Action:	This checkpoint will be used to restore the state during restart processing.
User Response:	No response is required.
<b>PWX-36640</b>	<b>ORAD Info: No checkpoints found.</b>
Explanation:	PowerExchange Express CDC for Oracle did not find checkpointed data to use for restoring the state.
System Action:	Processing will start based on the supplied restart criteria.
User Response:	No response is required.

**PWX-36641**      **ORAD Info: Checkpoint load: Checkpoint *checkpoint\_scn* rejected because the restart SCN *scn* exceeds the start sequence SCN *scn*.**

Explanation:      The checkpoint was rejected because it contains a restart SCN that is higher than the sequence SCN that the target received.

System Action:      The checkpoint load will continue with the next available checkpoint to avoid data loss.

User Response:      No response is required.

**PWX-36642**      **ORAD Warn: Checkpoint load: No checkpoints satisfy the supplied sequence and restart SCNs.**

Explanation:      Checkpoints exist but none satisfy the supplied restart criteria.

System Action:      Processing will start by using the supplied restart criteria.

User Response:      No response is required.

**PWX-36643**      **ORAD Info: Checkpoint cleanup: Deleting checkpoint *checkpoint\_scn*. Reason *reason\_text*.**

Explanation:      This message is issued during checkpoint cleanup. It includes the reason for deleting a checkpoint.

System Action:      The specified checkpoint is deleted.

User Response:      No response is required.

**PWX-36644**      **ORAD Info: Checkpoint load: Checkpoint *checkpoint\_scn* rejected because the checkpoint restart SCN *scn* exceeds the restart SCN *scn*.**

Explanation:      The checkpoint contains a restart SCN that is higher than the start SCN that the target received.

System Action:      The checkpoint load will continue with the next available checkpoint to avoid data loss.

User Response:      No response is required.

**PWX-36645**      **ORAD: Checkpoint spill file error: Operation=*I/O P*, spill file#=*file\_number*, checkpoint file=*file\_name*, errno=*error\_number* : *error\_text*.**

Explanation:      PowerExchange encountered an error during an I/O operation while attempting to checkpoint in-flight operations for an active transaction. This message provides diagnostic information about the error.

System Action:      The CDC session ends abnormally.

User Response:      The problem is often related to the file system. Use the information in this message to try to correct the error. If you need assistance, contact Informatica Global Customer Support.

**PWX-36646**      **ORAD: Error reading checkpointed spill file *file\_name*: *error\_text*.**

Explanation:      While reading a checkpointed spill file, PowerExchange encountered an error during an I/O operation. This message provides diagnostic information about the error.

System Action:      If checkpoint exceptions are tolerated, the state will be restored from the checkpoint. However, data loss will occur. If checkpoint exceptions are not tolerated, processing terminates.

User Response:	Examine the error text to determine the root cause. If the cause is corruption of the checkpoint data, you must either delete the checkpoint or set the EXCEPTIONS=TOLERATE parameter in the CHECKPOINT statement to tolerate the error and enable processing to continue.
<b>PWX-36647</b>	<b>ORAD: An exception occurred while restoring state for transaction with transaction identifier <i>xid</i> and start SCN <i>scn</i>.</b>
Explanation:	PowerExchange encountered an exception while trying to restore the state for a checkpointed transaction. For more diagnostic information about the error, see the associated messages.
System Action:	If checkpoint exceptions are tolerated, the state will be restored from the checkpoint. However, data associated with the specified transaction will be lost. If checkpoint exceptions are not tolerated, processing will terminate.
User Response:	Examine the associated messages to determine the root cause. If the cause is corruption of the checkpoint data, you must either delete the checkpoint or set the EXCEPTIONS=TOLERATE parameter in the CHECKPOINT statement to tolerate the error and continue processing.
<b>PWX-36648</b>	<b>ORAD Warn: A checkpoint exception occurred and was tolerated as configured.</b>
Explanation:	PowerExchange encountered an exception while attempting to restore the state from checkpointed data. Checkpointing is configured to tolerate exceptions. For more diagnostic information about the error, see the associated error messages.
System Action:	The state is restored and processing continues. However, data will be lost.
User Response:	To determine the root cause of the error, examine the error text.
<b>PWX-36649</b>	<b>ORAD Info: Checkpoint load: Checkpoint <i>checkpoint_scn</i> rejected because the restart SCN <i>scn</i> exceeds the current dictionary SCN <i>scn</i>.</b>
Explanation:	The checkpoint contains a dictionary SCN that is higher than the SCN stored in the dynamic dictionary.
System Action:	The checkpoint load will continue with the next available checkpoint to avoid data loss.
User Response:	No response is required.
<b>PWX-36650</b>	<b>ORAD: Checkpoint load: Unable to access the checkpoint base container.</b>
Explanation:	The checkpoint base container could not be accessed. For diagnostic information, see associated messages.
System Action:	The process terminates.
User Response:	Correct the problem that is preventing container access.
<b>PWX-36651</b>	<b>ORAD: Checkpoint load: Unable to check status of the checkpoint DMLOPS directory <i>directory_name</i>. <i>errno</i>=<i>error_number</i> : <i>error text</i>=<i>error_text</i>.</b>
Explanation:	The directory that is used to store in-flight operations is inaccessible.
System Action:	The process terminates.
User Response:	Correct the problem that is preventing directory access.

<b>PWX-36652</b>	<b>ORAD: Checkpoint load: Unable to access checkpoint DMLOPS file <i>file_name</i>. errno=<i>error_number</i> : error text=<i>error_text</i>.</b>
Explanation:	The file that contains in-flight operations is inaccessible.
System Action:	The process terminates.
User Response:	Correct the problem that is preventing file access.
<b>PWX-36653</b>	<b>ORAD: Checkpoint load: Unable to create the checkpoint DMLOPS directory <i>directory_name</i>.</b>
Explanation:	The directory that is used to store in-flight operations cannot be created.
System Action:	The process terminates.
User Response:	Correct the problem that is preventing directory creation.
<b>PWX-36654</b>	<b>ORAD: Checkpoint load: Error scanning for files in directory <i>directory_name</i> with mask <i>file_mask</i> : errno=<i>error_number</i> : error text=<i>error_text</i>.</b>
Explanation:	The directory that is used to store in-flight operations cannot be read.
System Action:	The process terminates.
User Response:	Correct the error that is preventing the directory to be read.
<b>PWX-36655</b>	<b>ORAD Warn: Checkpoint load: DMLOPS file <i>file_name</i> size <i>size_on_disk</i> does not match the expected size <i>size_in_metadata</i>.</b>
Explanation:	The size of a checkpointed DMLOPS file did not match the size expected based on the checkpoint metadata. The most likely cause is a problem with the file system.
System Action:	Processing continues. The file cannot be used to restore in-flight operations. If the file is required for restoring the state, the data might be lost.
User Response:	Try to correct the file system problem.
<b>PWX-36656</b>	<b>ORAD Warn: Checkpoint load: DMLOPS file <i>file_name</i> does not exist or cannot be accessed.</b>
Explanation:	A checkpointed DMLOPS file does not exist or cannot be accessed. The most likely cause is a problem with the file system.
System Action:	Processing continues. The file cannot be used to restore in-flight operations. If the file is required for restoring the state, data might be lost.
User Response:	Try to correct the file system problem.
<b>PWX-36657</b>	<b>ORAD Info: Checkpoint write: Checkpoint <i>checkpoint_scn</i> with restart SCN <i>scn</i> and sequence SCN <i>scn</i> done.</b>
Explanation:	This message provides Information about the last checkpoint written.
User Response:	No response is required.
<b>PWX-36658</b>	<b>ORAD Warn: Checkpoint clean: delete of checkpoint file <i>file_name</i> failed with errno <i>error_number</i> reason <i>reason_text</i>.</b>
Explanation:	The deletion of a checkpoint file failed during cleanup of checkpoint data.
System Action:	Processing continues.
User Response:	Try to determine the cause. Delete the file manually if necessary.



<b>PWX-36659</b>	<b>ORAD Info: Checkpoint progress is blocked by transaction <i>transaction_ID</i> at SCN <i>scn</i>. Reason: <i>reason_text</i>.</b>
Explanation:	The progression of PowerExchange Express CDC for Oracle checkpoint processing has been blocked by the same transaction for 10 or more minutes. This message identifies the blocking transaction.
System Action:	Processing continues.
User Response:	The message is informational only. However, you might need to increase the redo log retention period the longer checkpointing is blocked.
<b>PWX-36670</b>	<b>ORAD: Obj# <i>object_ID</i> for table <i>owner.object_name</i> <i>base_object</i> changed status from unwanted to interesting at SCN <i>scn</i>. Restart required.</b>
Explanation:	The object changed status from unwanted to interesting at the specified SCN. A restart is required to prevent potential data loss of in-flight operations. This situation could result from a table rename-in operation or the addition of a new partition to an existing table.
System Action:	The process will shut down.
User Response:	Warm start the process.
<b>PWX-36671</b>	<b>ORAD Warn: The logging status for table <i>owner.name</i> cannot be verified.</b>
Explanation:	The supplemental logging status of a table in the dynamic dictionary cannot be verified against the current catalog. This situation is likely because of the table being dropped between the last run and current run of the capture process.
User Response:	No response is required.
<b>PWX-36672</b>	<b>ORAD: A database connection is required to perform a full or incremental snapshot.</b>
Explanation:	Either a full snapshot is required because no data exists in the dynamic dictionary, or an incremental snapshot is required because the filter list of objects of interest has changed. However, a database connection cannot be established to perform the full or incremental snapshot.
System Action:	The process will shut down.
User Response:	Provide database credentials that allow the PowerExchange process to connect to the database and read the Oracle catalog.
<b>PWX-36673</b>	<b>ORAD: Object <i>object_number</i> <i>owner.object_name</i> has become interesting after a rename. A database connection to describe the table.</b>
Explanation:	The renaming of the specified table caused it to be added to the interest list for PowerExchange processing. To get a description of the table, PowerExchange requires a connection to the Oracle database.
System Action:	The process will shut down.
User Response:	Provide database credentials that allow the PowerExchange process to connect to the database and read the Oracle catalog.
<b>PWX-36674</b>	<b>ORAD Warn: The restart SCN <i>scn</i> is below the base SCN of the dynamic dictionary</b>
Explanation:	The dynamic dictionary was either created after the restart SCN or has been rolled up beyond the restart SCN. Interesting objects that were dropped between the restart SCN and dictionary base SCN will not be captured.

User Response:	No response is required.
<b>PWX-36675</b>	<b>ORAD Info: Begin dynamic dictionary roll up. Current base is SCN <i>scn</i>, time <i>timestamp</i>.</b>
Explanation:	This message reports the base SCN and timestamp of the dynamic dictionary before the rollup operation.
User Response:	No response is required.
<b>PWX-36676</b>	<b>ORAD Info: End dynamic dictionary roll up. New base is SCN <i>scn</i>, time <i>timestamp</i>.</b>
Explanation:	This message reports the new base of the dynamic dictionary after a successful rollup operation.
User Response:	No response is required.
<b>PWX-36700</b>	<b>CAPI2: Generation of a JSON message encountered error: <i>description</i>.</b>
Explanation:	An error occurred during the generation of a JSON message.
System Action:	The message was not generated. As a result, the session might fail.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36701</b>	<b>CAPI2: Error collection error: <i>description</i>.</b>
Explanation:	An error occurred while the internal CAPI2 component was processing an error collection. This message provides a description of the error.
System Action:	The session might fail.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36739</b>	<b>CDC Reader <i>reader_implementation_library_id</i> termination detected.</b>
Explanation:	The change data capture detected a termination request.
System Action:	Capture processing terminates.
User Response:	No response is required.
<b>PWX-36740</b>	<b>CdcReader &lt;<i>CdcReader_implementation_library_ID</i>&gt; Capture processing was stopped on table <i>table name</i>.</b>
Explanation:	Change data capture processing was stopped for the specified source table.
System Action:	No change data is captured from the table.
User Response:	No response is required.
<b>PWX-36741</b>	<b>CdcReader &lt;<i>CdcReader_implementation_library_ID</i>&gt; Sending capture clarification for table: <i>table_name</i>.</b>
Explanation:	The source table filter that corresponds to the specified table has the type of ask. As a result, a capture clarification request is being sent to the requestor.
User Response:	No response is required.
<b>PWX-36742</b>	<b>CdcReader &lt;<i>CdcReader_implementation_library_ID</i>&gt; Configuration:</b>
Explanation:	This message precedes a list of configuration information.
User Response:	No response is required.

<b>PWX-36743</b>	<b>Config: <i>line_of_configuration_information</i></b>
Explanation:	This message presents a line of JSON configuration information. This information is intended to help diagnose a problem.
User Response:	No response is required.
<b>PWX-36744</b>	<b>CdcReader &lt;<i>CdcReader_implementation_library_ID</i>&gt; configuration contains error: <i>error_description</i>.</b>
Explanation:	The configuration for the CdcReader that has the specified library ID contains an error. This message includes a description of the error.
System Action:	The configuration is rejected. As a result, the session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36745</b>	<b>Internal error. Unexpected implementation error. Prog="<i>program</i>". Line=<i>line_number</i>. Desc="<i>description</i>".</b>
Explanation:	An unexpected error was encountered in a CdcReader implementation call.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36746</b>	<b>Internal error. Message content for an internal CDC component contains error: <i>error_description</i>.</b>
Explanation:	This message that is used internally to communicate with the change data capture component contains an error. The message includes a description of the error.
System Action:	The message is rejected. As a result, the session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36747</b>	<b>CSO error: <i>error_description</i>.</b>
Explanation:	The internal CSO component encountered an error. This message provides a description of the error.
System Action:	A related message reflects how the system reacts.
User Response:	No response is required.
<b>PWX-36748</b>	<b>Info: <i>description</i>.</b>
Explanation:	This message provides information about processing that might be of useful to Informatica Global Customer Support in diagnosing a problem.
User Response:	No response is required.
<b>PWX-36749</b>	<b>Program internal error. Prog="<i>program</i>". Line=<i>line_number</i>. Desc="<i>description</i>".</b>
Explanation:	The specified program encountered an unexpected internal error during processing.
System Action:	The process terminates.
User Response:	Contact Informatica Global Customer Support to report the error. Include the details in this message.

<b>PWX-36750</b>	<b>GRPCI: Error: <i>error_description</i>.</b>
Explanation:	A fatal error occurred in the GRPCI interface. This message provides a description of the error.
System Action:	Processing ends.
User Response:	For more information about the error, see message PWX-36751. Then contact Informatica Global Customer Support.
<b>PWX-36751</b>	<b>GRPCI: Info: <i>description</i>.</b>
Explanation:	This message provides more information about the fatal error that occurred in the GRPCI interface and that was reported in accompanying message PWX-36750.
User Response:	No response is required.
<b>PWX-36900</b>	<b>One time CDCT conversion for instance <i>&lt;instance_name&gt;</i> started.</b>
Explanation:	The format of the PowerExchange Logger for Linux, UNIX, and Windows CDCT file changed in PowerExchange 9.5.1. If you have a CDCT file for a database instance from a previous PowerExchange version, PowerExchange 9.5.1 automatically converts the file to the new format.
User Response:	No response is required.
<b>PWX-36901</b>	<b>Log file <i>&lt;log_name&gt;</i> not used in conversion. Reason: <i>reason_text</i>.</b>
Explanation:	A reference to the specified log file in the PowerExchange Logger CDCT file that is being converted to the new format is not valid for one of the following reasons: <ul style="list-style-type: none"> <li>• A system error</li> <li>• The file is marked for deletion.</li> <li>• The file type or prefix is not valid.</li> </ul>
System Action:	Processing continues. The log file is dropped from the converted CDCT file.
User Response:	No response is required.
<b>PWX-36906</b>	<b>One time CDCT conversion completed successfully.</b>
Explanation:	PowerExchange started converting the PowerExchange Logger for Linux, UNIX, and Windows CDCT file from the previous PowerExchange version to the new format.
User Response:	No response is required.
<b>PWX-36910</b>	<b>Unexpected return code <i>&lt;return_code&gt;</i> received processing CDCT file <i>&lt;file_name&gt;</i> during conversion.</b>
Explanation:	PowerExchange could not convert the CDCT file to the new format.
System Action:	The application terminates.
User Response:	Ensure that the CDCT file and directory exist and that the program has the required file permissions.
<b>PWX-36911</b>	<b>Failed to retrieve status information for file <i>&lt;file_name&gt;</i>. System error <i>system_errno</i> (<i>system_error_message</i>).</b>
Explanation:	An error occurred during a system call to retrieve statistics for the specified file.

System Action:	Processing ends.
User Response:	Verify that the user has the proper level of authority to access the file information.
<b>PWX-36620</b>	<b>ORAD Error: Configuration processing error: <i>error_description</i>.</b>
Explanation:	A fatal error occurred when an Oracle CDC configuration was being processed. This message provides a description of the error.
System Action:	Extraction processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-36621</b>	<b>ORAD Error: Configuration error: <i>description</i>.</b>
Explanation:	An error was encountered in the Oracle CDC configuration. This message describes the error.
System Action:	Extraction processing ends.
User Response:	Try to correct the error in the configuration. Then restart the extraction.
<b>PWX-36922</b>	<b>CDCT record fixed length <i>&lt;actual_length&gt;</i> less than expected length <i>&lt;expected_length&gt;</i>.</b>
Explanation:	An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.
System Action:	Processing ends.
User Response:	Restore the CDCT file from the latest backup of the file.
<b>PWX-36923</b>	<b>CDCT record length <i>&lt;actual_length&gt;</i> less than calculated length <i>&lt;calculated_length&gt;</i>.</b>
Explanation:	An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.
System Action:	Processing ends.
User Response:	Restore the CDCT file from the latest backup of the file.
<b>PWX-36924</b>	<b>Invalid image type <i>&lt;image_type&gt;</i> encountered in CDCT record.</b>
Explanation:	An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.
System Action:	Processing ends.
User Response:	Restore the CDCT file from the latest backup of the file.
<b>PWX-36925</b>	<b>Invalid status <i>&lt;status&gt;</i> encountered in CDCT record.</b>
Explanation:	An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.
System Action:	Processing ends.
User Response:	Restore the CDCT file from the latest backup of the file.
<b>PWX-36926</b>	<b>Invalid length <i>&lt;field_length&gt;</i> detected for field <i>&lt;field_number(field_name)&gt;</i> in back up file. Expected length is <i>&lt;expected_length&gt;</i>.</b>
Explanation:	An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.
System Action:	Processing ends.

User Response: Restore the CDCT file from the latest backup of the file.

**PWX-36927 Invalid value *<field\_value>* detected for field *<field\_name>* in back up file.**

Explanation: An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.

System Action: Processing ends.

User Response: Restore the CDCT file from the latest backup of the file.

**PWX-36928 Invalid hexadecimal value or length detected for field *<field\_name>* in back up file.**

Explanation: An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.

System Action: Processing ends.

User Response: Restore the CDCT file from the latest backup of the file.

**PWX-36929 The number of fields found *<field\_count>* did not match the expected number *<expected\_count>* in back up file.**

Explanation: An error occurred while the PowerExchange Logger for Linux, UNIX, and Windows was reading the CDCT file. The CDCT file might be corrupted.

System Action: Processing ends.

User Response: Restore the CDCT file from the latest backup of the file.

**PWX-36930 Failed to delete file *<file\_name>*. System error *system\_errno* (*system\_error\_message*).**

Explanation: An error occurred during a system call to delete the specified file.

System Action: Processing ends.

User Response: Verify that the user has the proper level of authority to delete the file.

**PWX-36931 Failed to open backup file *<file\_name>* for writing. System error *system\_errno* (*system\_error\_message*).**

Explanation: An error occurred during a system call to open the specified file for writing information.

System Action: Processing ends.

User Response: Verify that the user has the proper level of authority to write to the backup file and that the directory that contains the file exists.

**PWX-36932 Failure writing backup file *<file\_name>*. System error *system\_errno* (*system\_error\_message*).**

Explanation: An error occurred during a system call to write information to the specified file.

System Action: Processing ends.

User Response: Verify that the device has sufficient space for the file.

**PWX-36933 Failed to open backup file *<file\_name>* for reading. System error *system\_errno* (*system\_error\_message*).**

Explanation: An error occurred during a system call to open the specified file for reading information.

System Action: Processing ends.

User Response: Verify that the user has the proper level of authority to read the file and that the file exists.

<b>PWX-36934</b>	<b>Failure reading backup file &lt;file_name&gt;. System error system_errno (system_error_message).</b>
Explanation:	An error occurred during a system call to read the specified file.
System Action:	Processing ends.
User Response:	Use an alternate backup file if possible.
<b>PWX-36935</b>	<b>Premature EOF encountered reading backup file &lt;file_name&gt;.</b>
Explanation:	PowerExchange encountered an end-of-file (EOF) record in the specified backup file before reading the file trailer record.
System Action:	Processing ends.
User Response:	Use an alternate backup file if possible.
<b>PWX-36936</b>	<b>Backup file format or version &lt;version&gt; is not supported.</b>
Explanation:	PowerExchange does not support the backup file header format or specified header version.
System Action:	Processing ends.
User Response:	Use an alternate backup file if possible.
<b>PWX-36937</b>	<b>Restore is using backup of CDCT file &lt;file_name&gt; created &lt;backup_timestamp&gt;.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows CDCT file is being restored from the specified backup file.
User Response:	No response is required.
<b>PWX-36938</b>	<b>Failed to retrieve file info for file with prefix &lt;file_prefix&gt; and sequence &lt;file_sequence&gt; from the CDCT.</b>
Explanation:	The expected log file information was not present in the PowerExchange Logger for Linux, UNIX, and Windows CDCT file. The CDCT file is corrupted.
System Action:	Processing ends.
User Response:	Restore the CDCT file from a backup and then restart the PowerExchange Logger.
<b>PWX-36939</b>	<b>Warm start requested and CDCT file &lt;file_name&gt; not found.</b>
Explanation:	During a warm start of the PowerExchange Logger for Linux, UNIX, and Windows, the CDCT file was not found.
System Action:	Processing ends.
User Response:	Ensure that the CAPT_PATH statement in the dbmover configuration file, if defined, specifies the correct directory. If necessary, restore the CDCT file from a backup or cold start the PowerExchange Logger.
<b>PWX-36940</b>	<b>Closed file file_name.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows closed the specified log file.
System Action:	Processing continues.
User Response:	No response is required. For more information about the file, see message PWX-36941.

<b>PWX-36941</b>	<b>Records <i>number_of_records</i>. Commits <i>number_of_commits</i>. End sequence <i>hexadecimal_sequence_number</i>. [File contains uncommitted data.]</b>
Explanation:	This message reports statistics for the closed PowerExchange Logger for Linux, UNIX, and Windows log file that is identified in message PWX-039640. The PowerExchange Logger writes this message when it sends a close-file notification to the CDCT. The following statistics appear in the message: total number of records, number of commit records, and log file sequence number in hexadecimal format. If the file contains uncommitted data, the message text ends with "File contains uncommitted data."
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWX-36942</b>	<b>Operation <i>&lt;sql_operation&gt;</i> failed for CDCT object type <i>&lt;object_type&gt;</i> with key <i>&lt;cdct_key&gt;</i></b>
Explanation:	A PowerExchange Logger for Linux, UNIX, and Windows attempt to update the metadata in the CDCT file failed.  In this message: <ul style="list-style-type: none"> <li>• <i>sql_operation</i> is INSERT, UPDATE, or DELETE.</li> <li>• <i>object_type</i> is INCARNATION, GROUP, REGISTRATION, or FILE.</li> </ul>
System Action:	Processing ends.
User Response:	Ensure that the CAPT_PATH statement in the dbmover configuration file, if defined, specifies the correct directory. Also ensure that the user has permission to write to the CDCT file.
<b>PWX-36943</b>	<b>Created new CDCT incarnation with timestamp <i>&lt;timestamp&gt;</i>. Create reason <i>&lt;reason&gt;</i>.</b>
Explanation:	A new incarnation of PowerExchange Logger metadata was created in the CDCT file because the PowerExchange Logger was cold started or a configuration option that affects the log reader was changed.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-36944</b>	<b>Restart sequence <i>&lt;sequence_number&gt;</i> is less than the earliest available restart sequence <i>&lt;sequence_number&gt;</i>.</b>
Explanation:	The requested restart point is not valid.
System Action:	Processing ends.
User Response:	Correct the restart point for the extraction process or cold start the extraction.
<b>PWX-36945</b>	<b>No CDCT data available.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows CDCT file for the database instance is empty.
System Action:	Processing ends.
User Response:	Start the PowerExchange Logger before starting the log reader.
<b>PWX-36946</b>	<b>No CDCT restart data available.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows CDCT file for the database instance does not contain restart information.



System Action:	Processing ends.
User Response:	Start the PowerExchange Logger and then ensure that it processes data before starting the log reader.
<b>PWX-36947</b>	<b>Tag &lt;registration_tag_name&gt; not found in logger incarnation for restart point &lt;sequence&gt;.</b>
Explanation:	The table with the specified registration tag name was not in the CDC interest list that existed at the PowerExchange Logger restart point.
System Action:	Depending on how you set the VALIDATEREGS parameter in the CAPX CAPI_CONNECTION statement, either PowerExchange Logger processing continues without capturing change data for the specified registration or PowerExchange Logger processing ends.
User Response:	In the PowerExchange Navigator, verify that the registration <b>Status</b> is set to <b>Active</b> .
<b>PWX-36948</b>	<b>Tag &lt;registration_tag_name&gt; found in logger group name &lt;group_name&gt; expected group is &lt;group_name&gt;.</b>
Explanation:	The table that is associated with the specified registration tag is not logged in the same group as the previous registration tags in the CDC interest list.
System Action:	Processing ends.
User Response:	Ensure that all tables in the interest list are logged in the same PowerExchange Logger group.
<b>PWX-36949</b>	<b>Record for incarnation &lt;incarnation_record&gt; not found in CDCT.</b>
Explanation:	The specified incarnation record was not found in the PowerExchange Logger for Linux, UNIX, and Windows CDCT file. A cold start of the PowerExchange Logger might have deleted the incarnation record.
System Action:	Processing ends.
User Response:	Try cold starting the log reader.
<b>PWX-36950</b>	<b>Record for new incarnation not found in CDCT. Last incarnation was &lt;incarnation_record_id&gt;.</b>
Explanation:	The specified incarnation record was not found in the PowerExchange Logger for Linux, UNIX, and Windows CDCT file. This error might occur because PowerExchange Logger initialization failed.
System Action:	Processing ends.
User Response:	Verify that the PowerExchange Logger is running and then restart the log reader.
<b>PWX-36951</b>	<b>Reader requested before image data and logger configured for after images only.</b>
Explanation:	During a CDC session, the log reader requested before images of data from the PowerExchange Logger for Linux, UNIX, and Windows log files. However, the log files do not contain before images because the PowerExchange Logger CAPT_IMAGE parameter is set to AI to store after images only. This error occurs if the PowerExchange Logger image type and the log reader image type are not compatible at the reader restart point.
System Action:	The CDC session ends.
User Response:	Set the <b>Image Type</b> connection attribute for the CDC session to <b>AI</b> for after images only, or set the PowerExchange Logger CAPT_IMAGE parameter to <b>BA</b> to store both before images and after images in the log files.

<b>PWX-36952</b>	<b>Log file &lt;file_name&gt; not used for backup file creation. Reason: reason_text.</b>
Explanation:	The PWXUCDCT utility DERIVE_CDCT_BACKUP command was issued to create a CDCT backup file based on PowerExchange Logger for Linux, UNIX, and Windows log files. However, the specified log file is not valid or not readable. A file permissions problem might exist. As a result, the utility cannot use the log file to create the backup file.
System Action:	The PWXUCDCT utility continues processing and creates the CDCT backup file. However, the backup file does not include the contents of the specified log file.
User Response:	If the <i>reason text</i> in the message indicates a file permissions error, correct the error and run the DERIVE_CDCT_BACKUP command again.
<b>PWX-36959</b>	<b>Tag &lt;registration_name&gt; found in logger group name &lt;group_name&gt;.</b>
Explanation:	The specified registration name and the associated source table are in the specified PowerExchange Logger for Linux, UNIX, and Windows group, as defined in a PowerExchange Logger group definitions file. A PowerExchange Logger group contains a subset of registrations for which the PowerExchange Logger writes change data to a separate set of log files for improved efficiency.
User Response:	No response is required.
<b>PWX-36960</b>	<b>Open log file &lt;file_name&gt; marked for delete.</b>
Explanation:	During initialization, the PowerExchange Logger for Linux, UNIX, and Windows detected open log files. These open log files might remain from a previous PowerExchange Logger instance that failed.
System Action:	The PowerExchange Logger marks the open log files for deletion and then creates new log files. Processing continues.
User Response:	No response is required.
<b>PWX-36962</b>	<b>Log file &lt;file_name&gt; format not valid. reason_text.</b>
Explanation:	The specified PowerExchange Logger for Linux, UNIX, and Windows log file has an invalid format or is corrupted.
System Action:	The process that is trying to use the log file might end or ignore the log file and continue, depending on the process type.
User Response:	If the <i>reason text</i> indicates a permissions problem, correct the permissions and run the process again.
<b>PWX-36965</b>	<b>Encountered special start of the logger.</b>
Explanation:	PowerExchange detected a special start of the PowerExchange Logger for Linux, UNIX, and Windows when looking for the next log file to process. In this situation, a special start might result in data loss.
System Action:	Processing continues.
User Response:	If the special start results in data loss, rematerialize the target tables.

<b>PWX-36966</b>	<b>Encryption password must be supplied to restore a CDCT containing encrypted file information.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows was cold started with a <code>pwxccl</code> command that included the <code>encryptpwd</code> parameter. This parameter specifies an encryption password for encrypting PowerExchange Logger log files. The password is stored in the CDCT file in encrypted format. A subsequent attempt to restore the CDCT file with the <code>PWXUCDCT</code> utility failed because the encryption password was not specified in the <code>RESTORE_CDCT</code> command. The encryption password is required to restore the CDCT file.
System Action:	Restore processing ends.
User Response:	Add the <code>ENCRYPTPWD</code> parameter in the <code>RESTORE_CDCT</code> command to specify the encryption password, and then run the command again.
<b>PWX-36967</b>	<b>Start Timestamp <i>restart_timestamp</i> for time-based restart is below the earliest available timestamp <i>begin_timestamp</i>. Defaulting to earliest available.</b>
Explanation:	The timestamp that is specified for a time-based restart is not valid because it is earlier than the earliest available commit timestamp. Extraction processing will restart from the earliest available data.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWX-36968</b>	<b>End Timestamp <i>restart_timestamp</i> for time based restart is beyond the valid range of <i>begin_timestamp</i> through <i>end_timestamp</i> of logged data.</b>
Explanation:	The timestamp for time-based restart is not valid because it does not correlate with a commit timestamp in the data that the PowerExchange Logger captured and logged. The specified restart timestamp is later than the most recent commit timestamp in the logged data. If the volume of change data is low, you might need to enable restart advance to progress the end timestamp value in the range.
System Action:	Processing stops.
User Response:	Correct the restart timestamp.
<b>PWX-36969</b>	<b>CDCT record failed a checksum test.</b>
Explanation:	An internal PowerExchange checksum test of records in the PowerExchange Logger CDCT file failed. The CDCT file might contain corrupted records.
System Action:	Processing ends.
User Response:	If the problem persists, restore the CDCT file from the latest backup of the file.
<b>PWX-36976</b>	<b>Decryption key generation failed.</b>
Explanation:	An internal error prevented the log reader from generating a decryption key. The decryption key is required to decrypt PowerExchange Logger for Linux, UNIX, and Windows log files that are encrypted.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.

**PWX-36977      Decryption key validation failed.**

Explanation: The log reader was unable to validate the decryption key. The decryption key is required to decrypt PowerExchange Logger for Linux, UNIX, and Windows log files that are encrypted. The PowerExchange Logger CDCT file might be corrupted, or an incorrect encryption password might have been entered in the RESTORE\_CDCT command of the PWXUCDCT utility for a CDCT restore operation.

System Action: Processing ends.

User Response: Cold start the PowerExchange Logger. If the problem occurs again, contact Informatica Global Customer Support.

**PWX-36978      Encryption failed for key validation string.**

Explanation: An internal error occurred during encryption password checking. The log reader was unable to encrypt the key validation string.

System Action: CDC processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-36979      Encryption not supported on this platform.**

Explanation: The encryption of PowerExchange Logger for Linux, UNIX, and Windows log files is not supported on the operating system where the PowerExchange Logger is running.

System Action: Processing ends.

User Response: Disable the encryption of PowerExchange Logger log files by removing the encryption password, if specified, in the PowerExchange Logger configuration file. Then cold start the PowerExchange Logger without the encryptpwd or encryptpwd parameter.

**PWX-36980      Decryption not supported on this platform.**

Explanation: The decryption of PowerExchange Logger for Linux, UNIX, and Windows log files is not supported on the operating system where the log files reside.

System Action: Processing ends.

User Response: Disable the encryption of PowerExchange Logger log files by not specifying an encryption password, or run extraction processing on an operating system that supports decryption.

## CHAPTER 6

# PWX-37100 to PWX-37999

This chapter includes the following topic:

- [PWX-37100 to PWX-37999, 413](#)

## PWX-37100 to PWX-37999

### **PWX-37101      Listener <listener\_name> ASID=address\_space\_id (x'hexadecimal\_asid') UserID=user\_id**

**Explanation:** This monitoring message reports the address space and user ID for the specified PowerExchange Listener that runs on z/OS. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

**User Response:** No response is required.

### **PWX-37102      Memory**

**Explanation:** This monitoring message introduces statistics on PowerExchange Listener memory usage. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

**User Response:** No response is required.

### **PWX-37103      Region below 16-MB line: In Use *memory\_in\_use* KB Limit Value *memory\_limit* KB Free *memory\_free* KB**

**Explanation:** This monitoring message reports the memory usage below the 16-MB line of the PowerExchange Listener address space on z/OS. The message reports the memory limit and the amount of memory that is in use and that is free, as of the time when the monitoring statistics were generated. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

**User Response:** No response is required.

<b>PWX-37104</b>	<b>Region above 16-MB line: In Use <i>memory_in_use</i> KB Limit Value <i>memory_limit</i> KB Free <i>memory_free</i> KB</b>
Explanation:	This monitoring message reports the memory usage above the 16-MB line of the PowerExchange Listener address space on z/OS. The message reports the memory limit and the amount of memory that is in use and that is free, as of the time when the monitoring statistics were generated. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.
User Response:	No response is required.
<b>PWX-37105</b>	<b>Total Memory <i>memory_amount</i> KB</b>
Explanation:	<p>This monitoring message reports the total amount of memory in kilobytes that a PowerExchange Listener or PowerExchange Logger for Linux, UNIX, and Windows used.</p> <p>If you specified the STATS (MONITOR) statement in the DBMOVER configuration file and issued the PowerExchange Listener DISPLAYSTATS or pwxcmd displaystats command, this message is printed as part of the listener summary statistics report. The message indicates the total amount of memory that a PowerExchange Listener on i5/OS, Linux, zLinux, UNIX, or Windows and its client tasks used.</p> <p>If you specified the STATS=(MONITOR) parameter (with or without the <i>interval</i> subparameter) in the PowerExchange Logger for Linux, UNIX, and Windows configuration file, pwxcl.cfg, this message is issued when the PowerExchange Logger stops in response to a SHUTDOWN or SHUTCOND command or at the end of a batch run. The message indicates the total amount of memory that the PowerExchange Logger used.</p> <p><b>Note:</b> If you print statistics for a PowerExchange Logger that runs on a SUSE Linux version 11 machine, this message incorrectly reports 0 KB as the total amount of memory that the PowerExchange Logger used. This problem does not occur if you run the PowerExchange Logger on a later SUSE Linux version.</p>
User Response:	No response is required.
<b>PWX-37106</b>	<b>Cumulative Requests</b>
Explanation:	This monitoring message introduces cumulative statistics on the client requests that the PowerExchange Listener processed. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.
User Response:	No response is required.
<b>PWX-37107</b>	<b>Total Tasks =<i>total_number_tasks</i> Active Tasks =<i>active_tasks</i> HWM Tasks =<i>high_watermark_tasks</i> Maxtasks =<i>maximum_tasks</i></b>
Explanation:	<p>This monitoring message reports counts of the client tasks that ran or are running under the PowerExchange Listener. In this message:</p> <ul style="list-style-type: none"> <li>• <b>Total Tasks</b> is the total number of client tasks that have run under the PowerExchange Listener since it started.</li> <li>• <b>Active Tasks</b> is the number of tasks that are currently running.</li> <li>• <b>HWM Tasks</b> is the greatest number of concurrent tasks that have run under the PowerExchange Listener at any one time.</li> </ul>

- **Maxtasks** is the maximum number of concurrent tasks that are allowed to run under the PowerExchange Listener. This value is set in the MAXTASKS statement of the DBMOVER file.

**Tip:** Ensure that the HWM Tasks value does not exceed the Maxtasks value. If the HWM Tasks value exceeds Maxtasks, the PowerExchange Listener accepts no additional tasks for processing.

This message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

**PWX-37108**      **Connections=*total\_number\_of\_connections* Accepted =*number\_of\_accepted\_connections* Active =*number\_of\_active\_connections***

Explanation: This monitoring message reports the total number of connections to the source or target that the PowerExchange Listener processed on behalf of client requests. It also reports the number of accepted connections and active connections as of the time these statistics were generated. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

**PWX-37109**      **Msgs Sent =*number\_of\_messages\_sent* Msgs Received=*number\_of\_messages\_received***

Explanation: This monitoring message reports the number of messages that PowerExchange sent and received for client tasks that have run under the PowerExchange Listener. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

**PWX-37110**      **Data Sent =*bytes\_sent* Data Received=*bytes\_received***

Explanation: This monitoring message reports the bytes of data that PowerExchange sent and received for client tasks that have run under the PowerExchange Listener. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

**PWX-37111**      **NetportJobs=*number\_of\_jobs***

Explanation: This monitoring message reports the number of netport jobs that the PowerExchange Listener on z/OS processed. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

**PWX-37112      Active Tasks**

Explanation: This monitoring message introduces statistics for active client tasks that are running under the PowerExchange Listener. This message is part of the clients report that is generated in response to a DISPLAYSTATS CLIENTS command.

User Response: No response is required.

**PWX-37113      Task\_ID =*task\_identifier* Status = *status***

Explanation: This monitoring message reports the task ID and status of an active client task that runs under the PowerExchange Listener. For an active task, the status can be one of the following values:

- Active
- STOPTASK acknowledged
- STOPTASK set

This message is part of the clients report that is generated in response to a DISPLAYSTATS CLIENTS command.

User Response: No response is required.

**PWX-37114      Port = *port\_number* Partner = *ip\_address***

Explanation: This monitoring message reports the TCP/IP port number and IP address of the client that sent the request to the PowerExchange Listener that caused the active client task to be created. The Partner field reports the IP address of the client. An address that begins with ::ffff is an IPv6 address. This message is part of the clients report that is generated in response to a DISPLAYSTATS CLIENTS command.

User Response: No response is required.

**PWX-37115      PwrCtrSess = *session\_id***

Explanation: If the client task is associated with a PowerCenter session, this monitoring message reports the PowerCenter session ID in the format *integration\_service/workflow\_name/session\_name*. Otherwise, this message displays N/A. This message is part of the clients report that is generated in response to a DISPLAYSTATS CLIENTS command.

User Response: No response is required.

**PWX-37116      AM = *access\_method* Mode = *mode* Process = *process\_name* SessionId = *session\_id***

Explanation: This monitoring message reports the following information for an active client task that runs under the PowerExchange Listener:

- **AM.** The access method, or source type, that the client task uses to process data on behalf of the client request.
- **Mode.** The data request mode that the task uses, which can be one of the following values:
  - Read
  - Write
- **Process.** The name of the process that the PowerExchange Listener starts to service the client request, if available.



- **SessionId.** A session ID that is optionally defined for the client request, if available. This value primarily pertains to client requests for DB2 access. If you use PowerCenter with the PowerExchange Client for PowerCenter (PWXPC), this value can be the correlation ID that is specified in the SESSID statement of the DBMOVER configuration file or in the **Correlation Id** override attribute on the PWXPC DB2 Batch connection. For ODBC connections, it can be the value of the DTLSESSID SQL escape sequence, if defined

This message is part of the clients report that is generated in response to a DISPLAYSTATS CLIENTS command.

User Response: No response is required.

#### **PWX-37117 CPU Time**

Explanation: This monitoring message introduces statistics on PowerExchange Listener CPU processing time. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

#### **PWX-37118 TCB Time = *cpu\_time* SRB Time = *cpu\_time* zIIP-NTime = *zIIP\_normalized\_time***

Explanation: This message reports the CPU processing time used by the task control block (TCB) and service request block (SRB) in the PowerExchange Listener address space on z/OS. If you use a System z Integrated Information Processor (zIIP) and set the USESUP statement in the DBMOVER configuration file to Y, the message also reports the zIIP Normalized time used by the PowerExchange Listener and its client tasks. zIIP Normalized time is CPU time adjusted to account for the difference in speed between CP and zIIP processors. This message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

#### **PWX-37119 Listener = *cpu\_time***

Explanation: This monitoring message reports the CPU processing time used by the PowerExchange Listener. The time is expressed in hours, minutes, seconds, and microseconds, as needed. The message is part of the listener report that is generated in response to a DISPLAYSTATS or DISPLAYSTATS LISTENER command or based on the MONITOR interval in the STATS statement of the DBMOVER file.

User Response: No response is required.

#### **PWX-37120 No Active Tasks**

Explanation: This monitoring message reports that no active tasks are running under the PowerExchange Listener. As a result, task-specific statistics are not reported. This message is issued in response to a DISPLAYSTATS ACCESSMETHODS or DISPLAYSTATS CLIENTS command.

User Response: No response is required.

**PWX-37121      CPU time = *hours, minutes, seconds, microseconds***

Explanation: This monitoring message reports the CPU processing time of an active client task that runs under the PowerExchange Listener or of an active client task that uses a specific access method. The message is part of the reports that are generated in response to a DISPLAYSTATS ACCESSMETHODS or DISPLAYSTATS CLIENTS command.

User Response: No response is required.

**PWX-37122      Start time = *start\_date\_time***

Explanation: This monitoring message reports the start date and time of an active client task that runs under the PowerExchange Listener. This value is in the format YYYY-MM-DD HH:MM:SS. The message is part of the clients report that is generated in response to a DISPLAYSTATS CLIENTS command.

User Response: No response is required.

**PWX-37123      End time = *end\_time***

Explanation: This monitoring message reports the end date and time.

User Response: No response is required.

**PWX-37129      MONITOR statistics switched off for process *process\_name***

Explanation: The MONITOR parameter is specified in the STATS statement in the DBMOVER file to generate PowerExchange Listener monitoring statistics. These statistics are not generated for any other process that uses the configuration file, such as a PowerExchange utility process or the PowerExchange Logger for Linux, UNIX, and Windows process. This message identifies the name of a specific process for which monitoring statistics are not generated.

User Response: No response is required.

**PWX-37130      PWXCCL pid = *process\_id* Writer status = *status***

Explanation: This monitoring message reports the PowerExchange Logger for Linux, UNIX, and Windows process ID (PID) and the status of the PowerExchange Logger Writer subtask. The *status* variable can be one of the following values:

- Reading or waiting for source data
- Sleeping
- Writing to file
- Not Started yet
- Initializing
- Initializing CAPI
- Starting to process
- Starting a checkpoint
- Writing a checkpoint file
- Shutting down

- Terminated

This message is part of the report that is generated in response to a PowerExchange Logger DL (or DS) command or `pwxcmd displaystats -tp` logger command. Also, if you specify the `STATS=(MONITOR)` parameter, either with or without the *interval* subparameter, in the PowerExchange Logger configuration file, `pwxccl.cfg`, this message is issued when the PowerExchange Logger stops in response to a SHUTCOND or SHUTDOWN command or at the end of a batch run.

User Response: No response is required.

### **PWX-37131 Memory (Current/Total/Maximum)**

Explanation: This message introduces monitoring statistics on memory use by PowerExchange Logger for Linux, UNIX, and Windows tasks. Memory use is reported for the following categories:

- **Current.** The amount of memory that the task is currently using.
- **Total.** The amount of memory in use by the task and for related header overhead. This value fluctuates as memory is dynamically allocated and freed during PowerExchange Logger processing.
- **Maximum.** The largest amount of memory that has been recorded for the "total" category up to the point in time when the monitoring statistics are generated.

This message is part of the report that is generated in response to a PowerExchange Logger DL (or DS) command or `pwxcmd displaystats -tp` logger command. Also, if you specify the `STATS=(MONITOR,interval)` parameter in the PowerExchange Logger configuration file, `pwxccl.cfg`, this message is issued when the specified interval expires. If you specify the `STATS=(MONITOR)` parameter, either with or without the *interval* subparameter, this message is issued when the PowerExchange Logger stops in response to a SHUTDOWN or SHUTCOND command or at the end of a batch run.

**Note:** When this message is issued based on the STATS interval, it is written only in the `detail.log` file but is not printed to the computer console screen.

User Response: No response is required.

### **PWX-37132 Controller: (current/total/maximum) KB Command Handler: (current/total/maximum) KB Writer: (current/total/maximum) KB**

Explanation: This monitoring message reports memory use by the PowerExchange Logger Controller, Command Handler, and Writer tasks. For each task, the message reports memory use in the following categories:

- *current*. The amount of memory that the task is currently using.
- *total*. The amount of memory in use by the task and for related header overhead. This value fluctuates as memory is dynamically allocated and freed during PowerExchange Logger processing.
- *maximum*. The largest amount of memory that has been recorded for the "total" category up to the point in time when the monitoring statistics are generated.

This message is part of the report that is generated in response to a PowerExchange Logger DL (or DS) command or `pwxcmd displaystats -tp` logger command. Also, if you specify the `STATS=(MONITOR,interval)` parameter in the PowerExchange Logger configuration file, `pwxccl.cfg`, this message is issued when the specified interval expires. If you specify the `STATS=(MONITOR)` parameter, either with or without the *interval* subparameter, this message is issued when the PowerExchange Logger stops in response to a SHUTDOWN or SHUTCOND command or at the end of a batch run.

User Response: No response is required.

**PWX-37134 CPU Time = *logger\_cpu\_time***

Explanation: This monitoring message reports the CPU time that the PowerExchange Logger for Linux, UNIX, and Windows has used. The CPU time is in the format hh:mm:ss:nnnnnnnn, where nnnnnnnn is microseconds. This message is part of the report that is generated in response to a DL (or DS) command or a `pwxcmd displaystats -tp logger` command. If you specify the `STATS=(MONITOR)` parameter, either with or without the optional *interval* subparameter, in the PowerExchange Logger configuration file, `pwxccl.cfg`, this message is also issued when the PowerExchange Logger stops in response to a SHUTDOWN or SHUTCOND command or at the end of a batch run.

User Response: No response is required.

**PWX-37135 Status *logger\_process\_id* Totals I=*inserts* U=*updates* D=*deletes* C=*commits*  
Total=*total\_operations***

Explanation: This monitoring message reports the number of inserts, updates, deletes, and commits that the Writer subtask of the specified PowerExchange Logger for Linux, UNIX, and Windows process has processed since it started, with the total for all of these operations. This message is part of the report generated by the PowerExchange Logger DL (or DS) command or `pwxcmd displaystats -tp logger` command. Also, if you specify the `STATS=(MONITOR,interval)` parameter in the PowerExchange Logger configuration file, `pwxccl.cfg`, this message is issued when the specified interval expires. If you specify the `STATS=(MONITOR)` parameter, either with or without the *interval* subparameter, this message is issued when the PowerExchange Logger stops in response to a SHUTDOWN or SHUTCOND command or at the end of a batch run.

User Response: No response is required.

**PWX-37136 CurrFileOpened : *open\_time* I=*inserts* U=*updates* D=*deletes* C=*commits*  
Total=*total\_operations***

Explanation: This monitoring message reports the number of inserts, updates, deletes, and commits that the Writer subtask of the PowerExchange Logger for Linux, UNIX, and Windows has written to the currently open Logger log file, with the total for all of these operations. This message also includes the timestamp that indicates when the Logger log file was opened. This message is part of the report that is generated by the PowerExchange Logger DL (or DS) command or `pwxcmd displaystats -tp logger` command. Also, if you specify the `STATS=(MONITOR,interval)` parameter in the PowerExchange Logger configuration file, `pwxccl.cfg`, this message is issued when the specified interval expires. If you specify the `STATS=(MONITOR)` parameter, either with or without the *interval* subparameter, this message is issued when the PowerExchange Logger stops in response to a SHUTDOWN or SHUTCOND command or at the end of a batch run.

User Response: No response is required.

**PWX-37137      Active Cycle : *cycle\_time* I=inserts U=updates D=deletes C=commits Total=total\_operations**

Explanation: This monitoring message reports the number of inserts, updates, deletes, and commits that the Writer subtask of the PowerExchange Logger for Linux, UNIX, and Windows processed during the currently active logging cycle, with the total for all of these operations. This message also includes the timestamp that indicates when the active logging cycle started. This message is part of the report generated by the PowerExchange Logger DL (or DS) command or `pwxcmd displaystats -tp logger` command. Also, if you specify the `STATS=(MONITOR,interval)` parameter in the PowerExchange Logger configuration file, `pwxccl.cfg`, this message is issued when the specified interval expires. If you specify the `STATS=(MONITOR)` parameter, either with or without the *interval* subparameter, this message is issued when the PowerExchange Logger stops in response to a SHUTDOWN or SHUTCOND command or at the end of a batch run.

User Response: No response is required.

**PWX-37138      Grp: *group\_name* Regs=number\_of\_registrations IUD=total\_dml\_changes C=commits Unflushed=unflushed\_change\_records**

Explanation: This monitoring message reports PowerExchange Logger for Linux, UNIX, and Windows processing statistics for a PowerExchange Logger group definition. A group definition defines a separate set of PowerExchange Logger log files for a group of registered source tables. This message provides the following statistics for a group:

- The group name and the number of capture registrations in the group
- The total number of insert, update, and delete records that the PowerExchange Logger processed for the group
- The number of commits that the PowerExchange Logger processed for the group
- The number of change records that the PowerExchange Logger has not yet flushed from memory to its log files on disk

If no group definitions are defined, this message reports statistics for all of the registrations, as if they are in one group.

This message is part of the report generated by the PowerExchange Logger DG command or `pwxcmd displaystats -tp groups` command.

User Response: No response is required.

**PWX-37139      FirstRec=record\_timestamp Open file=log\_file\_name**

Explanation: This message reports the timestamp of the first record in the specified open PowerExchange Logger log file. This message is part of the report generated by the PowerExchange Logger DG command or `pwxcmd displaystats -tp groups` command. If PowerExchange Logger group definitions are defined, this message reports this information for each group of registrations. If no PowerExchange Logger group definitions are defined, this message reports this information for all of the registrations, as if they are in a single group.

User Response: No response is required.

<b>PWX-37140</b>	<b>BeginSeq =<i>begin_record_sequence_token</i> BeginRstrt =<i>begin_record_restart_token</i></b>
Explanation:	This message reports the sequence token and restart token of the earliest record in the open PowerExchange Logger log file. This message is part of the report generated by the PowerExchange Logger DG command or <code>pwxcmd displaystats -tp groups</code> command. If PowerExchange Logger group definitions are defined, this message reports this information for each group of registrations. If no PowerExchange Logger group definitions are defined, this message reports this information for all of the registrations, as if they are in a single group.
User Response:	No response is required.
<b>PWX-37141</b>	<b>LastSeq =<i>last_record_sequence_token</i></b>
Explanation:	This message reports the sequence token of the last change record in the open PowerExchange Logger log file that is <i>not</i> followed by a commit record. This value is reported when the log file contains uncommitted data. This message is part of the report generated by the PowerExchange Logger DG command or <code>pwxcmd displaystats -tp groups</code> command. If PowerExchange Logger group definitions are defined, this message reports this information for each group of registrations. If no PowerExchange Logger group definitions are defined, this message reports this information for all of the registrations, as if they are in a single group.
User Response:	No response is required.
<b>PWX-37142</b>	<b>CommitSeq=<i>last_commit_sequence_token</i> CommitRstrt=<i>last_commit_restart_token</i></b>
Explanation:	This message reports the sequence token and restart token of the last commit record in the open PowerExchange Logger log file. This message is part of the report generated by the PowerExchange Logger DG command or <code>pwxcmd displaystats -tp groups</code> command. If PowerExchange Logger group definitions are defined, this message reports this information for each group of registrations. If no PowerExchange Logger group definitions are defined, this message reports this information for all of the registrations, as if they are in a single group.
User Response:	No response is required.
<b>PWX-37200</b>	<b>Monitoring interval thread started, interval <i>number_of_minutes</i> minute(s)</b>
Explanation:	A monitoring thread for the PowerExchange Listener started based on the MONITOR interval that is specified in the STATS statement of the DBMOVER configuration file. Monitoring messages that contain summary statistics on PowerExchange Listener memory usage, CPU processing time, and client requests will be reported. This message output is the same as the output from a <code>DISPLAYSTATS LISTENER</code> command.
User Response:	No response is required.
<b>PWX-37201</b>	<b>Active Access Methods</b>
Explanation:	This monitoring message introduces statistics for active client tasks by access method. The message is part of the <code>accessmethods</code> report that is generated by a <code>DISPLAYSTATS ACCESSMETHODS</code> command.
User Response:	No response is required.

**PWX-37202      Task ID=*task\_id* AM=*access\_method* Task slot=*task\_slot\_number* [Metadata Request]  
[\*Persistent Task\*]**

Explanation: This monitoring message identifies an active client task that the PowerExchange Listener created for a client request and the access method and task slot number that the task is using. A client task can use multiple access methods, for example, one for reading source data and one for mapping nonrelational source data to a relational format. The message also includes the text "Metadata Request" if the task is processing a request for metadata and "\*Persistent Task\*" if the task is an Adabas, Datacom, or IDMS persistent task. This message is repeated for each unique task ID and access method combination. The message is part of the accessmethods report that is generated by a DISPLAYSTATS ACCESSMETHODS command.

User Response: No response is required.

**PWX-37203      Rows read = *rows\_read* Rows written = *rows\_written***

Explanation: This monitoring message reports the number of rows that an active client task read or wrote by the using a specific access method. The task ID and access method are specified in the preceding PWX-37202 message. The message is part of the accessmethods report that is generated by a DISPLAYSTATS ACCESSMETHODS command.

User Response: No response is required.

**PWX-37204      Bytes read = *bytes\_read* Bytes written = *bytes\_written***

Explanation: This monitoring message reports the bytes of data that an active client task read or wrote by using a specific access method. The task ID and access method are specified in the preceding PWX-37202 message. This message is part of the accessmethods report that is generated by a DISPLAYSTATS ACCESSMETHODS command.

User Response: No response is required.

**PWX-37205      File = *file\_name***

Explanation: This monitoring message reports the name of the source or target file or the name of a data map file, depending on the access method. For example, a client task might use the NRDB access method to map a nonrelational source to a relational format. In this case, the File value is a data map name. The same client task can use the SEQ access method to read a source sequential data set. In this case, the File value is the sequential data set name. The task ID and access method are identified in the preceding PWX-37202 message. This message is part of the accessmethods report that is generated by a DISPLAYSTATS ACCESSMETHODS command.

User Response: No response is required.

**PWX-37206      Table = *table\_name***

Explanation: This monitoring message reports the name of a source or target table that a client task accesses with a specific access method. The task ID and access method are identified in the preceding PWX-37202 message. This message is part of the accessmethods report that is generated by a DISPLAYSTATS ACCESSMETHODS command.

User Response: No response is required.

<b>PWX-37207</b>	<b>Application = <i>application_name</i></b>
Explanation:	If the client task is associated with a PowerCenter CDC session that uses an ODBC connection, this monitoring message reports the application name for the session. Otherwise, this message displays N/A. This message is part of the clients report that is generated in response to a DISPLAYSTATS CLIENTS command.
User Response:	No response is required.
<b>PWX-37208</b>	<b>Inserts = <i>number_of_inserts</i> Updates = <i>number_of_updates</i> Deletes = <i>number_of_deletes</i></b>
Explanation:	This monitoring message reports number of SQL inserts, updates, and deletes that a client task processed for a CDC session. This message is reported for CDC tasks that use the CAPX or CAPXRT access method. This message appears in the DISPLAYSTATS ACCESSMETHODS report.
User Response:	No response is required.
<b>PWX-37305</b>	<b>Error returned by LDAP API: <i>rc=ldap_return_code. ldap_error.</i></b>
Explanation:	The LDAP API returned the indicated return code and error message.
System Action:	LDAP signon fails.
User Response:	Check the PowerExchange configuration, LDAP configuration, and user credentials.
<b>PWX-37306</b>	<b>Failure to decrypt LDAP_BIND_EPWD.</b>
Explanation:	The LDAP server failed to decrypt the encrypted password for the LDAP search user.
System Action:	Processing terminates with an error during startup.
User Response:	Contact Informatica Global Customer Support. Indicate the function that you were performing at the time of the error.
<b>PWX-37307</b>	<b>LDAP server sent additional error information: <i>error_message.</i></b>
Explanation:	During LDAP signon, the LDAP server returned the indicated error message.
System Action:	LDAP signon fails.
User Response:	Review the error message, and check the PowerExchange and LDAP configuration and user credentials.
<b>PWX-37308</b>	<b>LDAP partial match: DN portion matching an existing entry=<i>matched_msg.</i></b>
Explanation:	The distinguished name (DN) that is specified in the LDAP_BIND_DN statement in the DBMOVER configuration file partially matched an entry in LDAP.
System Action:	LDAP signon fails.
User Response:	Review the existing entry that is specified in the error message, and check the PowerExchange and LDAP configuration and user credentials.
<b>PWX-37309</b>	<b>Failure to decrypt LDAP_TLS EPASS.</b>
Explanation:	PowerExchange encountered an error while attempting to decrypt the passphrase that is specified in the EPASS parameter in the LDAP_TLS statement in the DBMOVER configuration file.
System Action:	Processing ends after the PowerExchange Listener reads the DBMOVER configuration file during startup and issues this error message.



User Response:	Verify that the EPASS parameter in the LDAP_TLS statement is set to a valid value for an encrypted passphrase.
<b>PWX-37310</b>	<b>Both PASS and EPASS options are specified for LDAP_TLS. Only one is permitted.</b>
Explanation:	The PASS and EPASS parameters are both specified in the LDAP_TLS statement in the DBMOVER configuration file. Only one of these parameters is allowed.
System Action:	Processing ends after the PowerExchange Listener reads the DBMOVER configuration file during startup and issues this error message.
User Response:	Edit the the LDAP_TLS statement in the DBMOVER configuration file to specify either the PASS or EPASS parameter but not both.
<b>PWX-37311</b>	<b>Both LDAP_BIND_PWD and LDAP_BIND_EPWD options are specified. Only one is permitted.</b>
Explanation:	The LDAP_BIND_PWD and LDAP_BIND_EPWD statements are both specified in the DBMOVER configuration file.
System Action:	Processing terminates after PowerExchange issues the error message during startup.
User Response:	Edit the DBMOVER configuration file to specify either LDAP_BIND_PWD or LDAP_BIND_EPWD but not both.
<b>PWX-37313</b>	<b>Failed to load or initialize LDAP client library.</b>
Explanation:	The LDAP client implementation failed to load.
System Action:	Processing ends during startup.
User Response:	Contact Informatica Global Customer Support to report the error. Indicate the function being performed at the time of the error.
<b>PWX-37315</b>	<b>Both CAPATH and CAFILE options are specified. Only one is permitted.</b>
Explanation:	Both the CAPATH= and CAFILE= options are specified in the LDAP_OPENSSL statement in the DBMOVER configuration file.
System Action:	Processing ends during startup.
User Response:	Edit the LDAP_OPENSSL statement in the DBMOVER configuration file to specify either CAPATH= or CAFILE= but not both.
<b>PWX-37316</b>	<b>Both CERTFILE and KEYFILE options must be specified.</b>
Explanation:	For the LDAP server to authenticate the LDAP client, both CERTFILE= and KEYFILE= must be specified in the LDAP_OPENSSL statement in the DBMOVER configuration file.
System Action:	Processing ends during startup.
User Response:	Edit the LDAP_OPENSSL statement in the DBMOVER configuration file to specify both the CERTFILE= and KEYFILE= parameters.
<b>PWX-37317</b>	<b>Either CAPATH or CAFILE option must be specified.</b>
Explanation:	For the LDAP client to authenticate the LDAP server, either CAPATH= or CAFILE= must be specified in the LDAP_OPENSSL statement in the DBMOVER configuration file.
System Action:	Processing ends during startup.
User Response:	To specify the CA location, edit the LDAP_OPENSSL statement in the DBMOVER configuration file to specify either the CAPATH= or the CAFILE= parameter.

<b>PWX-37318</b>	<b>Failed to read or decrypt private keyfile <i>key_file</i>. SSL rc=<i>return_code</i></b>
Explanation:	OpenSSL failed to read or (if a passphrase was specified) decrypt the key file.
System Action:	LDAP signon fails.
User Response:	Check the LDAP key file name and passphrase that are specified in the LDAP_OPENSSL statement in the DBMOVER configuration file.
<b>PWX-37319</b>	<b>Failed to read certificate file <i>file_name</i>. SSL rc=<i>ssl_return_code</i></b>
Explanation:	OpenSSL failed to read the client certificate file.
System Action:	LDAP signon fails.
User Response:	Check LDAP certificate file name that is specified in the CERTFILE parameter of the LDAP_OPENSSL statement in the DBMOVER configuration file.
<b>PWX-37400</b>	<b><i>message_information</i></b>
Explanation:	This generic message provides informational text or an elaboration of preceding messages.
User Response:	No response is required. View the the preceding messages if related to this one.
<b>PWX-37401</b>	<b>Internal Error: Unable to acquire <i>number_of_bytes</i> bytes of storage (<i>buffer_tag</i>).</b>
Explanation:	PowerExchange could not allocate sufficient storage for MySQL change data capture.
System Action:	Capture processing ends.
User Response:	Check for resource constraints.
<b>PWX-37402</b>	<b>ODBC Connection to MySQL server <i>server_name</i> failed. Connect attempted with user <i>user_name</i> and password <i>password</i>.</b>
Explanation:	An ODBC connection to the MySQL server could not be established under the specified user name and password. For more information about the error, see the preceding ODBC messages.
System Action:	Capture processing ends.
User Response:	Verify that the correct MySQL server is specified and that the server is online and accepting connections. Also, verify that specified user credentials have the authority to connect to the server.
<b>PWX-37403</b>	<b>CAPI connection parameter <i>parameter_name</i> has an incorrect value '<i>parameter_value</i>'.</b>
Explanation:	The MYSQL CAPI_CONNECTION statement in the dbmover configuration file contains a parameter value that is not valid. This message identifies the invalid parameter value.
System Action:	Capture processing ends.
User Response:	Correct the parameter value. For more information, see the description of the MYSQL CAPI_CONNECTION in the <i>PowerExchange Reference Manual</i> .
<b>PWX-37404</b>	<b>Multiple active capture registrations exist for registration tag <i>tag_name</i>.</b>
Explanation:	PowerExchange CDC detected multiple active capture registrations with the same registration tag name. Each registration should have a unique tag name. A problem might exist in the registration repository.
System Action:	Capture processing ends.

User Response: In the PowerExchange Navigator, deactivate the anomalous registrations. Then report the problem to Informatica Global Customer Support.

**PWX-37405 Load of work session for node *node\_name* failed.**

Explanation: During MySQL CDC processing, an attempt to load a work session from the specified node failed.

System Action: Capture processing ends.

User Response: Verify that the node name is correct and that a PowerExchange Listener is running on that node.

**PWX-37406 Load of capture registration from node *node\_name* failed.**

Explanation: An attempt to load a MySQL capture registration from the specified node failed.

System Action: Capture processing ends.

User Response: To determine the cause of the error, check the log files for the load task and for the PowerExchange Listener that runs on the node. If you cannot resolve the problem, contact Informatica Global Customer Support.

**PWX-37407 Node *node\_name* does not contain any capture registrations for MySQL.**

Explanation: The specified node does not contain any capture registrations for MySQL sources, or a connection to the node cannot be established.

System Action: Capture processing ends.

User Response: Verify that the correct node is being used and that it contains the MySQL capture registrations.

**PWX-37408 Internal error: Unexpected datatype *datatype* for column *column\_name* in table *owner.table\_name*.**

Explanation: The capture registration for the specified MySQL table contains a column datatype that the PowerExchange CDC cannot handle.

System Action: Capture processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-37409 BinLogRdr error: *error\_message\_text*.**

Explanation: The PowerExchange BinLogRdr library, which calls the mysqlbinlog utility to read the binary logs, encountered the specified error.

System Action: Capture processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-37410 Internal error: Unable to acquire *required\_byte\_count* bytes for row image storage: Currently configured maximum is *maximum\_byte\_count* bytes.**

Explanation: PowerExchange CDC was unable to allocate sufficient storage to process row images that include changes for a MySQL source.

System Action: Capture processing ends.

User Response: In the MYSQL CAPI\_CONNECTION statement in the dbmover configuration file, increase the value of the ROWMEMMAX parameter or set the parameter value to 0 for unlimited memory usage.

**PWX-37411 Configuration error: MySQL binlog parameter *startup\_parameter\_name* set to "*parameter\_value*". Required value="*required\_parameter\_value*".**

Explanation: The MySQL server is currently configured with an invalid value for a startup parameter that is used for binary logging. This message reports the current invalid parameter value and the required parameter value.

System Action: Capture processing ends.

User Response: Enter the required value for the MySQL server startup parameter. Then restart the MySQL server process.

**PWX-37412 Error: MySQL server version *version* is not supported.**

Explanation: PowerExchange CDC does not support the specified version of the MySQL server.

System Action: Capture processing ends.

User Response: Upgrade the MySQL server installation to a MySQL version that PowerExchange supports.

**PWX-37413 Error encountered processing row change *change\_ordinal* in binary log DML event at coordinate *binlog\_coordinate*.**

Explanation: PowerExchange CDC encountered a problem when processing the specified DML event at the reported coordinate position in the MySQL binary log. The DML event is associated with the row change at the specified ordinal position in the source table.

System Action: Capture processing ends.

User Response: For more information, see the error messages that follow this one. Then contact Informatica Global Customer Support.

**PWX-37414 Error: Registered column *column\_ordinal* (*table\_name.column\_name*) could not be read from the MySQL binary log.**

Explanation: PowerExchange CDC did not find a column that is defined in the table registration in the MySQL binary log event.

System Action: Capture processing ends.

User Response: Verify that the table registration is correct. Also verify that FULL binary logging is in effect.

**PWX-37415 Internal error: No conversion available for binlog type *binlog\_type* to internal type *pwx\_type*.**

Explanation: PowerExchange CDC could not convert MySQL binary log data of the specified type to the specified PowerExchange internal datatype.

System Action: Capture processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-37416 Internal error: Binary log column of type *binlog\_type* not returned in expected format. Value: "*column\_data*".**

Explanation: The MySQL binlog reader returned column data in an unexpected format. This message reports the column type in the binary log and the column data that was returned.

System Action: Capture processing ends.

User Response:	Contact Informatica Global Customer Support.
<b>PWX-37417</b>	<b>Error: Table <i>table_name</i> modified due to DDL_statement DDL.</b>
Explanation:	The MySQL binary log contains a DDL statement that modifies the specified source table. This modification results in a CDC error. The message reports the DDL statement that caused the error.
System Action:	Capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-37418</b>	<b>Error: Data would be truncated for <i>data_length</i> bytes on <i>column</i>. Limited to <i>maximum_data_length</i> bytes.</b>
Explanation:	The data in the specified MySQL column has a length that exceeds the maximum data length. The data will be truncated.
System Action:	Capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-37419</b>	<b>Warning: Not-Null column <i>table_name column_name</i> has null value.</b>
Explanation:	A null value was read from the MySQL binary log for a MySQL column that is defined with the NOT NULL constraint.
System Action:	Capture processing continues.
User Response:	No response is required.
<b>PWX-37420</b>	<b>Restart information is invalid. Restart token length <i>length</i> does not match required length <i>required_length</i>.</b>
Explanation:	A restart token is invalid. Restart tokens for this interface must be created by this interface and must contain the correct MySQL server and binlog basename identifiers.
System Action:	Capture processing ends.
User Response:	If the correct restart information cannot be determined, you must rematerialize the target.
<b>PWX-37421</b>	<b>Restart information is invalid. Sequence length <i>length</i> does not match required length <i>required_length</i>.</b>
Explanation:	A restart token supplied to the interface is invalid. Restart tokens for this interface must be created by this interface and must contain the correct MySQL server and binlog basename identifiers.
System Action:	Capture processing ends.
User Response:	If the correct restart information cannot be determined, you must rematerialize the target.
<b>PWX-37422</b>	<b>Restart information is invalid. Server UUID <i>uuid</i> does not match required server UUID <i>required_uuid</i>.</b>
Explanation:	A restart token supplied to the interface is invalid. Restart tokens for this interface must be created by this interface and must contain the correct MySQL server and binlog basename identifiers.
System Action:	Capture processing ends.
User Response:	If the correct restart information cannot be determined, you must rematerialize of the target.

**PWX-37423      Restart information is invalid. Server log base '*basename*' does not match required server log base '*required\_basename*'.**

Explanation: A restart token supplied to the interface is invalid. Restart tokens for this interface must be created by this interface and must contain the correct MySQL server and binlog basename identifiers.

System Action: Capture processing ends.

User Response: If the correct restart information cannot be determined, you must rematerialize the target.

**PWX-37424      Warning: Table *table\_name* truncated due to DDL.**

Explanation: The MySQL binary log contains a DDL statement that truncated the specified source table.

System Action: Capture processing continues.

User Response: No response is required.

**PWX-37425      Warning: Table *table\_name* modified due to *DDL\_statement*.**

Explanation: The MySQL binary log contains a DDL statement that modified the specified source table.

System Action: Capture processing continues.

User Response: No response is required.

**PWX-37426      Reconnecting to MySQL server: Attempt *attempt\_number* of *maximum\_attempts*. Pausing *number\_of\_seconds* seconds.**

Explanation: After an unsuccessful attempt to reconnect to the MySQL database server, PowerExchange is pausing the specified number of seconds before trying to reconnect to the MySQL server again. The message reports the number of reconnection attempts that have been made and the maximum number of attempts allowed.

User Response: No response is required.

**PWX-37427      MySQL server has become unavailable. Capture processing is terminating.**

Explanation: The MySQL server stopped or became unavailable.

System Action: Capture processing ends abnormally.

User Response: Restart the MySQL server. Then verify that PowerExchange has connectivity to the server.

**PWX-37428      Successfully reconnected to MySQL server *serverName\_or\_IPaddress*.**

Explanation: PowerExchange successfully connected to the specified MySQL server. This message is issued when the RECONNTRIES parameter is set to a positive number in the MYSQL CAPI\_CONNECTION statement and PowerExchange tries to re-establish a dropped connection to a MySQL source server.

User Response: No response is required.

**PWX-37429      Error: Table *table\_name* is either missing or does not match registration definition for tag *registration\_tag\_name*.**

Explanation: The specified MySQL source table has either been dropped or modified such that it no longer matches its existing capture registration definition. To help you identify the existing registration, the message provides the registration tag name.

System Action: MySQL capture processing ends.

User Response:	If you modified the table, re-create the source table so that it matches the existing registration definition, or delete the registration and create a new registration. If you dropped the table, delete the registration.
<b>PWX-37430</b>	<b>Error: A change has been detected to the binlog basename or location configuration during a server reconnection.</b>
Explanation:	The PowerExchange Logger for Linux, UNIX, and Windows detected a change in the location or base name of the MySQL binary log when reconnecting to the MySQL server.
System Action:	MySQL capture processing ends.
User Response:	If only the location of the binary log changed and the existing binlog files were copied to the new location, you can warm start the PowerExchange Logger to resume capture processing without change data loss. If the base name of the binary log changed, you must cold start the PowerExchange Logger. In this case, some change data might be lost.
<b>PWX-37431</b>	<b>Error: The catalog schema is not specified in the <i>parameter_name</i> parameter in the MYSQL CAPI_CONNECTION statement in the DBMOVER file.</b>
Explanation:	MySQL change capture processing cannot start because the schema for the catalog of DDL changes that PowerExchange maintains is not specified in the CATSCHEMA parameter of the MYSQL CAPI_CONNECTION statement in the DBMOVER configuration file.
System Action:	MySQL capture processing fails to start.
User Response:	In the DBMOVER configuration file, specify the catalog schema name in the CATSCHEMA parameter of the MYSQL CAPI_CONNECTION statement.
<b>PWX-37432</b>	<b>Error: Connection to DDL catalog tables in schema <i>schema_name</i> on MySQL server <i>server_name</i> failed. Connection attempt used user name <i>user_name</i> and password <i>password</i>.</b>
Explanation:	PowerExchange could not connect to the catalog tables that store DDL changes for registered MySQL source tables by using the specified MySQL server name, catalog schema name, user name, and password.
System Action:	MySQL change capture processing fails to start.
User Response:	Ensure that any CATSCHEMA, CATSERVER, CATUSERNAME, and CATPASSWORD parameter values specified in the MYSQL CAPI_CONNECTION statement are correct. If the optional CATSERVER, CATUSERNAME, and CATPASSWORD parameters are not specified, PowerExchange uses the source database server name, user name, and password. Also verify that the catalog tables were created within the specified schema and that the specified user credentials have authority to connect to the server and catalog tables. For more information, see the preceding ODBC messages related to this error.
<b>PWX-37433</b>	<b>Error: Information for MySQL source table <i>table_name</i> cannot be read from the PowerExchange DDL catalog.</b>
Explanation:	Information for the specified MySQL source table does not exist in the PowerExchange catalog of DDL changes, or PowerExchange encountered an error when trying to read the table information from the catalog.
System Action:	MySQL change capture processing fails to start.
User Response:	Verify that all MySQL source tables were registered in the current catalog by using the PWXCATMY utility.

<b>PWX-37434</b>	<b>Error: Table definition for <i>table_name</i> could not be read from the catalog for coordinate <i>[coordinate]</i>.</b>
Explanation:	A table definition for the MySQL source table associated with the specified binlog coordinate cannot be found in the current PowerExchange catalog that stores DDL changes.
System Action:	MySQL change capture processing fails to start.
User Response:	Verify that all MySQL source tables were registered in the current catalog by using the PWXCATMY utility.
<b>PWX-37435</b>	<b>Decryption failed for encrypted catalog password: CAPI connection parameter <i>parameter_name</i>.</b>
Explanation:	The encrypted password that is specified in the CATEPASSWORD statement in the DBMOVER configuration file is corrupted. As a result, the password could not be decrypted to allow access to the catalog of DDL change events for MySQL sources.
System Action:	MySQL change capture processing ends.
User Response:	Verify that the encrypted password is correctly specified in the CATEPASSWORD statement.
<b>PWX-37436</b>	<b>Both clear and encrypted catalog passwords are specified.</b>
Explanation:	In the DBMOVER configuration file, both the CATPASSWORD and CATEPASSWORD statements are specified. Only one of these statements can be used to specify a clear-text password or encrypted password for connection to the catalog that records DDL change events for MySQL source tables.
System Action:	MySQL capture processing ends.
User Response:	Remove either the CATPASSWORD or CATEPASSWORD statement from the DBMOVER.CFG configuration file.
<b>PWX-37437</b>	<b>Error: Requested read coord <i>[read_coordinate]</i> is prior to available start of log at coord <i>[log_start_coordinate]</i>.</b>
Explanation:	During MySQL CDC processing, PowerExchange issued a request to start reading the binlog files from the specified read coordinate. However, no available binlog files contain this read coordinate. The requested read coordinate is prior to the earliest coordinate in the currently available binary log files.
System Action:	PowerExchange capture processing ends.
User Response:	Check for the missing binlog files and restore them if found, or perform a cold start of the CDC session.
<b>PWX-37438</b>	<b>Error: Requested read coord <i>[read_coordinate]</i> is later than last available log at coord <i>[log_end_coordinate]</i>.</b>
Explanation:	During MySQL CDC processing, PowerExchange issued a request to start reading the binlog files from the specified read coordinate. However, no available binlog files contain this read coordinate. The requested read coordinate is later than last coordinate in the currently available binary log files.
System Action:	PowerExchange capture processing ends.
User Response:	Check for the missing binlog files and restore them if found, or perform a cold start of the CDC session.



<b>PWX-37439</b>	<b>Error: Catalog read continuation coord [<i>catalog_read_coordinate</i>] is prior to available start of log at coord [<i>log_start_coordinate</i>].</b>
Explanation:	During MySQL CDC processing, PowerExchange issued a request to start reading the binlog files from the last recorded coordinate in the MySQL DDL catalog. However, no available binlog files contain this read coordinate. The requested read coordinate is prior to the earliest coordinate in the currently available binary log files.
System Action:	PowerExchange capture processing ends.
User Response:	Check for the missing binlog files and restore them if found. Alternatively, use the PWXCATMY utility to unregister and reregister the source tables, and then perform a cold start of the CDC session to begin reading changes from the earliest position in the binary log.
<b>PWX-37440</b>	<b>Error: Remote mysqlbinlog stream has been terminated by the server or due to a connection error.</b>
Explanation:	During MySQL CDC processing, the mysqlbinlog utility connection to a remote binary log was terminated. This error might occur for any of the following reasons: <ul style="list-style-type: none"> <li>• Multiple CDC sessions are active concurrently.</li> <li>• An error occurred on the network connection.</li> <li>• The server was stopped.</li> </ul>
System Action:	PowerExchange capture processing ends.
User Response:	Ensure that only one CDC session is active. Also check the PowerExchange trace log for errors returned from the server, and check the MySQL server log for other related error messages.
<b>PWX-37441</b>	<b>Warning: Discarding incomplete transaction information beginning at coord [<i>binlog_coordinate</i>] for table <i>table_name</i>.</b>
Explanation:	During MySQL CDC processing, PowerExchange encountered a DML event for source table that did not have a commit or rollback following it. This message includes the binlog position of the event and the name of source table.
System Action:	PowerExchange capture processing continues.
User Response:	Check for data loss. Also check the PowerExchange trace log for more information. Then contact Informatica Global Customer Support.
<b>PWX-37700</b>	<b>Command usage: PWXCATMY <i>command_parameters</i> OPERATION=<i>operation_type</i></b>
Explanation:	This message shows the syntax of a PWXCATMY utility command with a specific operation type. It is displayed in response to a PWXCATMY HELP command. The message includes the parameters that can be used for the operation type.
User Response:	No response is required.
<b>PWX-37701</b>	<b>Display DDL statements for creating catalog tables.</b>
Explanation:	This message describes the purpose of a PWXCATMY command that has the operation type of SHOWDDL. The catalog tables record DDL changes for registered MySQL source tables.
User Response:	No response is required.

<b>PWX-37702</b>	<b>Verify that the catalog tables exist and have the correct format.</b>
Explanation:	This message describes the purpose of a PWXCATMY command that has the operation type of VERIFY. The command confirms that the catalog tables exist and have the required structure. The catalog tables store DDL changes for registered MySQL source tables.
User Response:	No response is required.
<b>PWX-37703</b>	<b>Drop tables of an existing catalog with the specified catalog connection parameters.</b>
Explanation:	This message describes the purpose of a PWXCATMY command that has the operation type of DROP. The command removes any existing catalog tables that use the catalog connection parameters in the command. The catalog tables store DDL changes for registered MySQL source tables.
User Response:	No response is required.
<b>PWX-37704</b>	<b>Create a new empty catalog with the specified catalog connection parameters.</b>
Explanation:	This message describes the purpose of a PWXCATMY command that has the operation type of CREATE. The command creates new catalog tables that use the catalog connection information in the command. The catalog tables record DDL changes for registered MySQL source tables.
System Action:	If the catalog tables already exist, the command fails. Otherwise, the command creates new catalog tables and processing continues.
User Response:	No response is required.
<b>PWX-37705</b>	<b>List registered MySQL source tables for all servers or for a server accessed with specified source connection parameters.</b>
Explanation:	This message describes the purpose of a PWXCATMY command that has the operation type of LIST. The command provides the table names and log coordinate information for registered MySQL source tables. This information is shown for either all MySQL database servers or for a specific server.
User Response:	No response is required.
<b>PWX-37706</b>	<b>Dump the MySQL table definitions within the indicated catalog.</b>
Explanation:	This message describes the purpose of a PWXCATMY command with the operation type of DUMP. The command lists the table definitions in the DDL-updated catalog for MySQL source tables.
User Response:	No response is required.
<b>PWX-37707</b>	<b>Register MySQL source tables to create snapshots of the tables within the indicated catalog.</b>
Explanation:	This message describes the purpose of a PWXCATMY command that has the operation type of REGISTER. The command snapshots registered MySQL source tables to add table definitions to the catalog that records DDL changes for the tables.
User Response:	No response is required.

<b>PWX-37708</b>	<b>Remove the table definitions for the MySQL source tables from the indicated catalog.</b>
Explanation:	This message describes the purpose of a PWXCATMY command that has the operation type of UNREGISTER. This command removes tables definitions from the catalog. You might perform this operation if you want to restart processing from the end of the binlog and will not need to go back to an earlier point, or if you want to clean up the catalog for removed registrations.
User Response:	No response is required.
<b>PWX-37709</b>	<b>MySQL source tables can be specified by name, queried by pattern, or included by registration instance.</b>
Explanation:	This message describes the criteria that a PWXCATMY command with the operation type of DUMP or REGISTER can use to specify MySQL source tables. To specify a source table by name, use the TABLE parameter. To specify tables that match a table-name pattern that includes a MySQL wildcard, use the MATCH parameter. To specify all source tables in a PowerExchange registration-group instance for a MySQL source, use the INSTANCE parameter. The message is displayed in response to a PWXCATMY HELP command.
User Response:	No response is required.
<b>PWX-37710</b>	<b>If a binlog coordinate is specified, only the most recent definition prior to the coordinate is displayed.</b>
Explanation:	This message describes the result of using a PWXCATMY command for a DUMP operation with the COORD parameter. The command will list only the table definition that is immediately before the binlog coordinate that is specified in the COORD parameter. The message is displayed in response to a PWXCATMY HELP command.
User Response:	No response is required.
<b>PWX-37711</b>	<b>The operation parameter is not specified in the PWXCATMY command. An operation type is required.</b>
Explanation:	The PWXCATMY command does not include the required OPERATION parameter.
System Action:	Processing ends.
User Response:	Enter the PWXCATMY command again with the OPERATION parameter. In the parameter, specify a valid operation type of CREATE, DROP, DUMP, LIST, REGISTER, SHOWDDL, or VERIFY.
<b>PWX-37712</b>	<b>Error: The catalog schema parameter is not specified. A catalog schema is required.</b>
Explanation:	The PWXCATMY command specifies an operation type that requires a catalog schema name. However, the command does not include the SCHEMA parameter with a valid schema name for the catalog tables.
System Action:	Processing ends.
User Response:	Enter the PWXCATMY command again with the SCHEMA parameter.
<b>PWX-37713</b>	<b>No active registrations found matching instance <i>instance_name</i> on node <i>node_name</i> for MySQL.</b>
Explanation:	No active registrations were found for the MySQL instance that is specified in the PWXCATMY command.
System Action:	Processing ends.

User Response: Verify that the instance name is correct.

**PWX-37714      Error: The catalog username parameter is not specified. A username is required to establish a catalog connection.**

Explanation: A PWXCATMY command does not include the CATUSERNAME parameter, which is required for the operation type. The CATUSERNAME parameter specifies a valid user name for connecting to the catalog that records DDL changes for registered MySQL sources.

System Action: Processing ends.

User Response: Enter the PWXCATMY command again with the CATUSERNAME parameter.

**PWX-37716      Error: The source username parameter is not specified. A MySQL username is required to establish a source connection.**

Explanation: A PWXCATMY command does not include the USERNAME parameter, which is required for the operation type. The USERNAME parameter specifies a valid user name for connecting to the MySQL source database.

System Action: Processing ends.

User Response: Enter the PWXCATMY command again with the USERNAME parameter.

**PWX-37717      Error: The PWXCATMY command could not connect to the MySQL host by using the hostname *host\_name* and username *user\_name*.**

Explanation: A PWXCATMY command could not connect to the MySQL source database based on the specified HOSTNAME and USERNAME parameter values.

System Action: Processing ends.

User Response: Verify that the PWXCATMY command specifies a valid host name, user name, and password for the MySQL source database. Also check the availability of the database server.

**PWX-37718      The catalog tables that record MySQL DDL changes already exist in the schema *schema\_name*.**

Explanation: A PWXCATMY command with the operation type of CREATE tried to create the catalog tables by using the specified schema name. However, catalog tables with that schema name already exist.

System Action: Processing ends.

User Response: No response is required.

**PWX-37719      One or more catalog tables that record MySQL DDL changes do not exist in schema *schema\_name*.**

Explanation: A PWXCATMY command could not find any catalog tables with the specified schema name. The catalog tables record DDL change events for MySQL source tables.

System Action: Processing ends.

User Response: No response is required.

**PWX-37720      The catalog that records MySQL DDL changes was successfully created in schema *schema\_name*.**

Explanation: A PWXCATMY command successfully created catalog tables that use the specified schema name. The catalog tables record DDL changes for registered MySQL source tables.

User Response: No response is required.

**PWX-37721 Error: The catalog tables could not be created in schema *schema\_name*.**

Explanation: A PWXCATMY command for a create operation could not create catalog tables with the specified schema name.

System Action: Processing ends.

User Response: To diagnose the error, review any trace messages, if available.

**PWX-37722 The catalog tables were dropped from schema *schema\_name*.**

Explanation: A PWXCATMY command for a drop operation successfully dropped the catalog tables with the specified schema name. The tables will no longer be used to record DDL changes for registered MySQL source tables.

User Response: No response is required.

**PWX-37723 Error: The catalog tables could not be dropped from schema *schema\_name*.**

Explanation: A PWXCATMY command for a drop operation could not drop the catalog tables with the specified schema name.

System Action: Processing ends.

User Response: To diagnose the error, review any trace messages, if available.

**PWX-37724 The catalog tables in schema *schema\_name* were successfully verified.**

Explanation: A PWXCATMY command with the operation type of VERIFY successfully verified that the catalog tables with the specified schema name exist and have a valid structure.

User Response: No response is required.

**PWX-37725 Error: Verification of the catalog tables in schema *schema\_name* failed. The tables are missing or corrupted.**

Explanation: A PWXCATMY command for a verify operation failed to verify the catalog tables with the specified schema. The catalog tables might not exist or be corrupted.

System Action: Catalog verification fails.

User Response: To diagnose the error, review the trace messages, if available.

**PWX-37728 Warning: Table *table\_name* removed from processing list because it was not defined with a schema.**

Explanation: The specified table was removed from the PWXCATMY processing list because the TABLE parameter did not include a schema name, as required.

System Action: Processing continues.

User Response: Specify a default schema, or update the TABLE parameter in the PWXCATMY command to specify the schema name.

**PWX-37729 Warning: Table *table\_name* removed from list. Table name is invalid.**

Explanation: A catalog table was removed from the PWXCATMY processing list because the TABLE parameter specifies a table name that is not valid.

System Action: Processing continues.

User Response: Ensure that the TABLE parameter specifies a valid catalog table name.

**PWX-37730      Error: An attempt to open the catalog tables in the schema *schema\_name* failed.**

Explanation: An attempt to open the catalog tables with the specified schema name failed. The catalog tables cannot record DDL changes for registered MySQL source tables.

System Action: Processing ends.

User Response: Verify that the catalog tables exist in the specified schema and have a valid structure. Also review any trace messages, if available.

**PWX-37731      Table *table\_name* registered.**

Explanation: A PWXCATMY command successfully registered the specified MySQL source table in the catalog. The catalog records DDL changes for registered MySQL source tables.

User Response: No response is required.

**PWX-37732      Registration of the MySQL source table *table\_name* in the catalog failed.**

Explanation: A PWXCATMY command tried to register the specified MySQL source table in the catalog but the registration operation failed. The catalog records DDL changes for registered MySQL sources.

System Action: Processing continues.

User Response: To diagnose the error, review the trace messages, if available.

**PWX-37733      Table *table\_name* unregistered.**

Explanation: A PWXCATMY command successfully unregistered the specified MySQL source table. The table definition is removed from the catalog that records DDL changes.

User Response: No response is required.

**PWX-37734      The tables will no longer be registered for DDL change tracking within the catalog.**

Explanation: A PWXCATMY command with the operation type of UNREGISTER successfully removed MySQL source tables from the catalog. DDL changes will no longer be tracked for the tables.

System Action: Processing continues.

User Response: No response is required.

## CHAPTER 7

# PWX-38500 to PWX-38999

This chapter includes the following topic:

- [PWX-38500 to PWX-38999, 439](#)

## PWX-38500 to PWX-38999

<b>PWX-38500</b>	<b>The JNI interface does not support task type <i>task_type</i>.</b>
Explanation:	A request to start a PowerExchange task was rejected because the task type is not supported.
System Action:	Task initialization ends with an error.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38501</b>	<b>Session ID <i>session_ID</i> does not match the expected session ID <i>expected_session_ID</i>.</b>
Explanation:	The JNI interface received a request that does not contain the expected session identifier.
System Action:	The interface returns an error.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38503</b>	<b>Trace entry <i>trace_ID</i> is ignored because the maximum number of trace entries has been exceeded.</b>
Explanation:	An attempt to add the specified trace entry caused the maximum number of trace entries to be exceeded.
System Action:	The specified trace entry is ignored.
User Response:	No response is required.
<b>PWX-38504</b>	<b>The JNI interface was unable to determine field ID for object <i>field_name</i> in the calling class.</b>
Explanation:	The JNI interface was unable to determine the required field identifier for a field in the calling class.
System Action:	The interface returns an error.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38600</b>	<b>CSO: Internal error. Unknown error: <i>default_message_text</i>.</b>
Explanation:	An internal error was detected in module PWXCSO when trying to generate a message.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38601 CSO: Internal error. Logic: *description*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38602 CSO: Internal error. Building: Ending token type *token\_type* tag *expected\_tag* does not match *encountered\_tag*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38603 CSO: Internal error. Building: Encountered implementation limit *description*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38604 CSO: Internal error. Building: Token *tag\_name* contains invalid number value *value*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38605 CSO: Internal error. Building: Tag *tag\_name* not found in object *object\_tag\_name*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38606 CSO: Internal error. Building: Not using metadata, token *tag\_name* has metadata.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38607 CSO: Internal error. Building: Using metadata, token *tag\_name* has no metadata.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38608 CSO: Internal error. Building: Expected token type *expected\_token\_type*, token type *encountered\_token\_type* added.**

Explanation: An internal error was detected in module PWXCSO.



System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38609 CSO: Internal error. Building: Writer call *call\_name* failed, returned *return\_code*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38610 CSO: Internal error: Array *qualified\_array\_name* entry *array\_index* expected to be type *expected\_type* is type *actual\_type*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38611 CSO: Internal error: Array *qualified\_array\_name* required entry *array\_index* null.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38612 CSO: Internal error: Key *qualified\_key\_name* expected to be type *expected\_type* is type *actual\_type*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38613 CSO: Internal error: Required key *key\_name* missing in object *object\_name*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38614 CSO: Internal error: Required key *key\_name* null in object *object\_name*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38615 CSO: Internal error. Metadata: Invalid tag *tag\_name* at offset *offset*.**

Explanation: An internal error was detected in module PWXCSO.

System Action: The session might end abnormally.

User Response: Contact Informatica Global Customer Support.

**PWX-38616 CSO: Internal error. Metadata: Tag *tag\_name* in collection multiple times.**

Explanation: An internal error was detected in module PWXCSO.

System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38617</b>	<b>CSO: Internal error. Metadata: Tag id <i>tag_ID</i> in collection multiple times.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38618</b>	<b>CSO: Internal error. Metadata context: Collection tag <i>tag_name</i>.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38619</b>	<b>CSO: Internal error. Parsing binary: Error in <i>token_name</i> token.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38620</b>	<b>CSO: internal error. Parsing JSON: Binary string contains non-hex character.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38621</b>	<b>CSO: Internal error. Parsing JSON: Binary string contains odd number of characters.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38622</b>	<b>CSO: Internal error. Parsing JSON: Tag name is invalid (<i>tag_name</i>).</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38623</b>	<b>CSO. Internal error. Parsing JSON: Value for token type <i>type</i> is invalid (<i>value</i>).</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38624</b>	<b>CSO: Internal error. Parsing: Tag <i>tag_name</i> not found in object <i>object_name</i>.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.

User Response:	Contact Informatica Global Customer Support.
<b>PWX-38625</b>	<b>CSO: Internal error. Parsing: Premature end of input.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38626</b>	<b>CSO: Internal error. Parsing: Reader call <i>call_name</i> failed, returned <i>return_code</i>.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38627</b>	<b>CSO: Internal error. Parsing: Unexpected byte encountered <i>printable_character</i> (hex <i>hexadecimal_digits</i>).</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38628</b>	<b>CSO: Internal error. Parsing: Expected token type <i>expected_token_type</i>, token type <i>encountered_token_type</i> encountered.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38629</b>	<b>CSO: Internal error. Parsing: Unknown payload type <i>type</i>.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38699</b>	<b>CSO: Internal error. Parameter error: <i>default_message_text</i>.</b>
Explanation:	An internal error was detected in module PWXCSO.
System Action:	The session might end abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38700</b>	<b>Configuration error: PostgreSQL configuration parameter <i>parameter_name</i> set to "<i>value</i>". Required value="<i>required_value</i>".</b>
Explanation:	PostgreSQL is currently configured with a server startup parameter value that is not valid for logical replication. This message reports the invalid parameter value and the required parameter value.
System Action:	PostgreSQL capture processing ends.
User Response:	Edit the PostgreSQL parameter in the postgresql.conf configuration file to specify the required parameter value. Then restart the PostgreSQL server process.

<b>PWX-38701</b>	<b>Error: PostgreSQL server version <i>version</i> is not supported by PowerExchange.</b>
Explanation:	The PostgreSQL server version is earlier than the earliest version that PowerExchange supports.
System Action:	PostgreSQL capture processing ends.
User Response:	Upgrade the PostgreSQL server installation to a version that PowerExchange supports.
<b>PWX-38702</b>	<b>Restart information is invalid. Restart token database '<i>restart_database</i>' does not match source database '<i>source_database</i>'.</b>
Explanation:	The PowerExchange Consumer API (CAPI) received a restart token that is not valid for the PostgreSQL source. The restart token must be created by the CAPI and must contain the correct database identifier.
System Action:	PostgreSQL capture processing ends.
User Response:	If you cannot obtain the correct restart information, you must rematerialize the target.
<b>PWX-38703</b>	<b>Restart information is invalid. A restart token byte length of <i>actual_length</i> does not match the required length of <i>required_length</i>.</b>
Explanation:	The PowerExchange Consumer API (CAPI) received a restart token that is not valid for a PostgreSQL source. The restart token must be created by the CAPI and must contain the correct database identifier.
System Action:	PostgreSQL capture processing ends.
User Response:	If you cannot obtain the correct restart information, you must rematerialize the target.
<b>PWX-38704</b>	<b>Restart information is invalid. A sequence token byte length of <i>actual_length</i> does not match the required length of <i>required_length</i>.</b>
Explanation:	The PowerExchange Consumer API (CAPI) received a sequence token that is not valid for a PostgreSQL source. The sequence token must be created by the CAPI and must contain the correct LSN and transaction identifiers.
System Action:	PostgreSQL capture processing ends.
User Response:	If you cannot obtain the correct restart information, you must rematerialize the target.
<b>PWX-38705</b>	<b>Error encountered processing row change from replication slot at LSN <i>lsn</i>.</b>
Explanation:	During PostgreSQL CDC, PowerExchange encountered a problem with the data from the replication slot at the specified LSN.
System Action:	PostgreSQL capture processing ends.
User Response:	For more information, see the error messages that follow this one. Then contact Informatica Global Customer Support.
<b>PWX-38706</b>	<b>Error: Data for registered column <i>column_ordinal</i> (<i>table_name.column_name</i>) could not be read from the replication store table.</b>
Explanation:	The specified column is included in the capture registration for the PostgreSQL source table. However, PowerExchange did not find any change data for the column when reading data from the replication store table.
System Action:	PostgreSQL capture processing ends.

User Response:	Verify that the capture registration definition is correct. Also verify that PostgreSQL FULL binary logging is in effect.
<b>PWX-38707</b>	<b>Parameter <i>parameter_name</i> in the PG CAPI_CONNECTION statement has the invalid value '<i>parameter_value</i>'.</b>
Explanation:	In the PG CAPI_CONNECTION statement in the DBMOVER configuration file, the specified parameter has a value that is not valid.
System Action:	PostgreSQL capture processing ends.
User Response:	Correct the parameter value in the PG CAPI_CONNECTION statement. For more information about this statement, see the <i>PowerExchange Reference Manual</i> .
<b>PWX-38708</b>	<b>Internal error: No conversion available for native datatype <i>native_datatype</i> to internal datatype <i>pwx_datatype</i>.</b>
Explanation:	During PostgreSQL CDC, PowerExchange could not convert source data that was read from the replication slot from the specified native datatype to the PowerExchange internal datatype.
System Action:	PostgreSQL capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38709</b>	<b>Internal error: Replication slot returned data for column of datatype <i>native_datatype</i> in an unexpected format. Value: "<i>column_data</i>".</b>
Explanation:	During PostgreSQL CDC processing, the replication slot plugin returned column data in an unexpected format.
System Action:	PostgreSQL capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38710</b>	<b>Warning: NOT NULL column <i>table_name.column_name</i> has a null value.</b>
Explanation:	During PostgreSQL CDC processing, a null value was retrieved from the replication slot for a column that is defined as NOT NULL.
System Action:	PostgreSQL capture processing continues.
User Response:	No response is required.
<b>PWX-38711</b>	<b>Multiple active capture registrations have registration tag <i>tag_name</i>.</b>
Explanation:	For PostgreSQL CDC sources, PowerExchange found multiple active capture registrations that have the same registration tag name. This situation indicates a problem in the registration repository.
System Action:	PostgreSQL capture processing ends.
User Response:	Use the PowerExchange Navigator or DTLUCBRG utility to delete the registrations or set the registration status to History. Then re-create the registrations.
<b>PWX-38712</b>	<b>Load of work session for node <i>node_name</i> failed.</b>
Explanation:	An internal error occurred. An attempt to load a work session from the specified node failed.
System Action:	PostgreSQL capture processing ends.

User Response:	Ensure that a PowerExchange Listener exists on the specified node and that the REPNODE value, if specified, in the CAPI_CONNECTION statement is correct.
<b>PWX-38713</b>	<b>Load of capture registration from node <i>node_name</i> failed.</b>
Explanation:	An internal error occurred. An attempt to load a capture registration from the specified node failed.
System Action:	PostgreSQL capture processing ends.
User Response:	To diagnose the error, check the log files for the PowerExchange Listener on the specified node and for the task. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-38714</b>	<b>Node <i>node_name</i> does not contain any capture registrations for PostgreSQL.</b>
Explanation:	PowerExchange could not connect the specified node to access the capture registrations for PostgreSQL sources, or no PostgreSQL capture registrations exist on that node.
System Action:	PostgreSQL capture processing ends.
User Response:	Verify that the capture node is being used.
<b>PWX-38715</b>	<b>Error: Data of length <i>length</i> bytes in column <i>table_name column_name</i> will be truncated. Length limit is <i>maximum_length</i> bytes.</b>
Explanation:	PowerExchange will truncate change data for the specified PostgreSQL source column because the data length exceeds the maximum length of 98,304 bytes. This message is issued when the ONDATATRUNC parameter in the PG CAPI_CONNECTION statement is set to FAIL.
System Action:	PostgreSQL capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38716</b>	<b><i>message_text</i></b>
Explanation:	This message provides information related to PostgreSQL CDC, which might supplement previous messages.
User Response:	For more information, look for related messages that precede this one.
<b>PWX-38717</b>	<b>ODBC connection to the PostgreSQL server <i>server_name</i> and database <i>database_name</i> failed. Connection credentials: user <i>user_name</i>, password <i>password</i>.</b>
Explanation:	An ODBC connection to the specified PostgreSQL server could not be established. For more information about the error, see related ODBC messages.
System Action:	PostgreSQL capture processing ends.
User Response:	Verify that the PostgreSQL server name is correct and that the server is online and accepting connections. Also verify that specified user credentials have the authority to connect to the server.
<b>PWX-38718</b>	<b>Error: Table <i>table_name</i> is either missing or does not match the registration definition with tag <i>tag_name</i>.</b>
Explanation:	The specified PostgreSQL source table has either been dropped or modified in such a way that it no longer matches the capture registration that has the specified tag name.
System Action:	PostgreSQL capture processing ends.

User Response: Create the source table again so that it matches the capture registration definition, or delete the capture registration.

**PWX-38719 Internal error: Unexpected datatype *pw\_x\_datatype* for column *column\_name* in table *schema.table\_name*.**

Explanation: The capture registration for the PostgreSQL source table contains a column with the specified PowerExchange internal datatype, which is not expected for PostgreSQL CDC.

System Action: PostgreSQL capture processing ends.

User Response: Contact Informatica Global Customer Support.

**PWX-38720 Reconnecting to the PostgreSQL server: Attempt *number of maximum\_attempts*. Pausing *number\_of\_seconds* seconds.**

Explanation: PowerExchange is trying to reconnect to the PostgreSQL server. PowerExchange is pausing for the specified number of seconds before making the next connection attempt. The message reports the number of connection attempts made and the maximum number of attempts allowed.

User Response: No response is required.

**PWX-38721 Successfully reconnected to PostgreSQL server *server\_name*.**

Explanation: A PowerExchange attempt to reconnect to the specified PostgreSQL server was successful.

User Response: No response is required.

**PWX-38722 Warning: Table *table\_name* has been truncated.**

Explanation: PostgreSQL truncated the specified source table and sent the TRUNCATE TABLE record to the replication slot that PowerExchange uses. When PowerExchange encountered the record, it issued this warning message because the ONTABLETRUNC parameter in the PG CAPI\_CONNECTION statement is set to WARN.

System Action: PostgreSQL capture processing continues.

User Response: No response is required.

**PWX-38723 Error: Table *table\_name* has been truncated.**

Explanation: During change capture processing, PowerExchange returned a TRUNCATE TABLE event for the specified PostgreSQL source table. PowerExchange does not propagate TRUNCATE TABLE events. Because the ONTABLETRUNC parameter is set to FAIL in the PG CAPI\_CONNECTION statement, change capture processing ends with this error message.

System Action: Change capture processing ends.

User Response: Contact Informatica Global Customer Support. If you use the PowerExchange Logger for Linux, UNIX, and Windows, you can warm start the PowerExchange Logger. If you want PowerExchange to continue capture processing with a warning message in this situation, set ONTABLETRUNC to WARN.

**PWX-38800 Request *request\_type* not supported for SAP HANA DB**

Explanation: During CDC processing for a SAP HANA source, PowerExchange encountered a request that is not supported by the SAP HANA database.

System Action: The request is ignored. SAP HANA capture processing continues.

User Response: No response is required.

**PWX-38801      Error: SAP HANA server version *version* is not supported by PowerExchange.**

Explanation: The SAP HANA server does not meet the minimum required version for PowerExchange change data capture.

System Action: SAP HANA capture processing ends.

User Response: Upgrade the SAP HANA server installation to a version that PowerExchange supports.

**PWX-38802      Restart information is invalid. Restart token database *restart\_database* does not match source database *source\_database*.**

Explanation: During SAP HANA CDC processing, PowerExchange found a mismatch between the restart token database and the source database. PowerExchange creates sequence tokens for SAP HANA CDC processing, and the sequence token must include a valid PSN and transaction identifier.

System Action: SAP HANA capture processing ends.

User Response: If the correct restart information cannot be determined, rematerialize the target database and restart CDC processing.

**PWX-38803      Restart information is invalid. A restart token byte length of *bytes* does not match the required length *required\_bytes*.**

Explanation: During SAP HANA CDC processing, PowerExchange found an invalid restart token. The token does not match the required format. PowerExchange creates restart tokens for SAP HANA CDC processing, and the restart token must include a valid database identifier.

System Action: SAP HANA capture processing ends.

User Response: If the correct restart information cannot be determined, rematerialize the target database and restart CDC processing.

**PWX-38804      Restart information is invalid. A sequence token byte length of *bytes* does not match the required length *required\_bytes*.**

Explanation: During SAP HANA CDC processing, PowerExchange found an invalid restart sequence token. The token does not match the required format. PowerExchange creates restart tokens for SAP HANA CDC processing, and the restart token must include a valid database identifier.

System Action: SAP HANA capture processing ends.

User Response: If the correct restart information cannot be determined, rematerialize the target database and restart CDC processing.

**PWX-38805      Error encountered processing row change from PKLOG table at PSN *process\_sequence\_number*.**

Explanation: During SAP HANA CDC processing PowerExchange found an error in the PKLOG table at the specified process sequence number (PSN).

System Action: SAP HANA capture processing continues. The record will be ignored.

User Response: Make a note of the information in this message and in following messages and contact Informatica Global Customer Support.



<b>PWX-38806</b>	<b>Error: Data for registered column (<i>table_name.column_name</i>) could not be read from CDC.</b>
Explanation:	SAP HANA capture processing ends.
User Response:	Verify that the table registration is correct.
<b>PWX-38807</b>	<b>Parameter <i>parameter_name</i> in the HANA CAPI_CONNECTION statement has invalid value <i>parameter_value</i>.</b>
Explanation:	SAP HANA capture processing ends.
User Response:	Review the HANA CAPI_CONNECTION statement and correct the parameter.
<b>PWX-38808</b>	<b>Internal error: No conversion available for native datatype <i>native_datatype</i> to internal datatype <i>internal_datatype</i>.</b>
Explanation:	PowerExchange a native SAP HANA datatype in the replication table that it could not convert to the specified internal datatype.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38809</b>	<b>Internal error: CDC returned data for column of datatype <i>datatype</i> in an unexpected format. Value: <i>value</i>.</b>
Explanation:	SAP HANA CDC processing returned a column with a datatype that contained an unexpected format.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38810</b>	<b>Warning: NOT NULL column <i>table_name.column_name</i> has a null value.</b>
Explanation:	The SAP HANA CDC read process found a null value in a column of the replication table that was defined with the NOT NULL constraint.
System Action:	SAP HANA capture processing continues.
User Response:	No action is required.
<b>PWX-38811</b>	<b>Multiple active capture registrations exist for registration tag <i>registration_tag</i>.</b>
Explanation:	SAP HANA CDC processing found multiple registrations with the same registration tag. Registration tags must be unique.
System Action:	SAP HANA capture processing ends.
User Response:	Use the PowerExchange Navigator or the DTLUCBRG utility to remove the specified registrations or to set the registration status to <b>History</b> . Then, recreate the registration.
<b>PWX-38812</b>	<b>Load of work session for node <i>node_name</i> failed.</b>
Explanation:	An internal error occurred. An attempt to load a work session from the specified node failed.
System Action:	SAP HANA capture processing ends.
User Response:	Ensure that a PowerExchange Listener exists on the specified node and that the REPNODE value, if specified in the CAPI_CONNECTION statement, is correct.

<b>PWX-38813</b>	<b>Load of capture registration from node <i>node_name</i> failed.</b>
Explanation:	An internal error occurred during SAP HANA CDC processing. An attempt to load a capture registration from the specified node failed.
System Action:	SAP HANA capture processing ends.
User Response:	To diagnose the error, check the log files for the PowerExchange Listener on the specified node and for the task. If you need assistance, contact Informatica Global Customer Support.
<b>PWX-38814</b>	<b>Node <i>node_name</i> does not contain any capture registrations for SAP HANA.</b>
Explanation:	PowerExchange could not connect the specified node to access the capture registrations for SAP HANA sources, or no SAP HANA capture registrations exist on that node.
System Action:	SAP HANA capture processing ends.
User Response:	Verify that the node is active and that the registrations is correctly defined for the SAP HANA source.
<b>PWX-38815</b>	<b>Error: Data would be truncated for <i>length</i> bytes on <i>table_name.column_name</i>. Limited to <i>length_limit</i> bytes.</b>
Explanation:	PowerExchange will truncate change data for the specified SAP HANA source column because the data length exceeds the maximum length of 98,304 bytes. This message is issued when the ONDATATRUNC parameter in the HANA CAPI_CONNECTION statement is set to FAIL.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38816</b>	<b><i>message_text</i></b>
Explanation:	This message provides information related to SAP HANA CDC, which might supplement previous messages.
User Response:	Review the messages that precede this one for more information.
<b>PWX-38817</b>	<b>JNI connection to the SAP HANA server <i>server_name</i> and database <i>database_name</i> failed. Connection credentials: user <i>user_id</i> and password <i>password</i>.</b>
Explanation:	The SAP HANA server connection could not be established.
System Action:	SAP HANA capture processing ends.
User Response:	Review additional JNI messages in the log for more information about the failure. Verify that the SAP HANA server and database are running and able to receive requests. The iuser ID and password must also have appropriate authority to access the server.
<b>PWX-38818</b>	<b>Error: Table <i>table_name</i> is either missing or does not match the registration definition with tag <i>tag_name</i>.</b>
Explanation:	The specified SAP HANA source table has either been dropped or modified in such a way that it no longer matches the capture registration that has the specified tag name.
System Action:	SAP HANA capture processing ends.
User Response:	Create the source table again so that it matches the capture registration definition, or delete the capture registration.

<b>PWX-38819</b>	<b>Internal error: Unexpected datatype <i>datatype</i> for column <i>column_name</i> in table <i>schema_name.table_name</i>.</b>
Explanation:	During SAP HANA CDC processing, a registration contained an unexpected internal datatype.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38820</b>	<b>Reconnecting to the SAP HANA server: Attempt <i>attempt of limit</i>. Pausing <i>seconds seconds</i>.</b>
Explanation:	During SAP HANA CDC processing, PowerExchange lost connection with the source server. The task attempts to reconnect to the server as described in the message.
System Action:	SAP HANA capture processing halts while PowerExchange attempts to reconnect.
User Response:	No response is required. Additional messages indicate whether the PowerExchange reconnects successfully.
<b>PWX-38821</b>	<b>Successfully reconnected to the SAP HANA server <i>server_name</i>.</b>
Explanation:	PowerExchange reconnected to the SAP HANA source server.
System Action:	SAP HANA capture processing continues.
User Response:	No response is required.
<b>PWX-38822</b>	<b>Error: Table <i>table_name</i> has been truncated.</b>
Explanation:	SAP HANA truncated the specified source table and sent the TRUNCATE TABLE record to PowerExchange. When PowerExchange encountered the record, it issued this warning message because the ONTABLETRUNC parameter in the HANA CAPI_CONNECTION statement is set to WARN.
System Action:	SAP HANA capture processing continues.
User Response:	No response is required.
<b>PWX-38823</b>	<b>Error: Table <i>table_name</i> has been truncated.</b>
Explanation:	During SAP HANA CDC processing, PowerExchange returned a TRUNCATE TABLE event for the specified SAP HANA source table. PowerExchange does not propagate TRUNCATE TABLE events. Because the ONTABLETRUNC parameter is set to FAIL in the HANA CAPI_CONNECTION statement, change capture processing ends with this error message.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support. If you use the PowerExchange Logger for Linux, UNIX, and Windows, you can warm start the PowerExchange Logger. If you want PowerExchange to continue capture processing with a warning message in this situation, set ONTABLETRUNC to WARN.
<b>PWX-38824</b>	<b>JVM Class not found: <i>class_name</i></b>
Explanation:	During SAP HANA CDC processing, PowerExchange could not find the JVM class identified in the message.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.

<b>PWX-38825</b>	<b>JVM Method not found: &lt;method&gt;</b>
Explanation:	During SAP HANA CDC processing, PowerExchange could not find a JVM method for the PWXHanaCDCApi class.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38826</b>	<b>Error reading HANA PKLOG log table - processing ends.</b>
Explanation:	PowerExchange could not read SAP HANA CDC data from the PKLOG table.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38827</b>	<b>Error dealing with record with PSN <i>psn</i>. No UOW found.</b>
Explanation:	PowerExchange could not find a unit of work (UOW) for the specified process sequence number (PSN) during SAP HANA CDC processing.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38828</b>	<b>Error loading registration details. Schema=<i>schema_name</i>, table=<i>table_name</i>, name=<i>external_name</i>, tag=<i>tag</i>.</b>
Explanation:	PowerExchange could not load a SAP HANA registration.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWX-38829</b>	<b>HANA CDC LOGCLEAR value set to <i>number</i> days.</b>
Explanation:	This message indicates the maximum number of days to retain entries in the PKLOG table. After this number is exceeded, the entries are deleted from the PKLOG table.
System Action:	PKLOG table entries older than the specified number of days are deleted from PKLOG table while the connection is active.
User Response:	No response is required.
<b>PWX-38830</b>	<b>Adding table <i>schema.table_name</i> to CDC interest list for capture using <i>capture_type</i>.</b>
Explanation:	SAP HANA CDC processing added the specified table for the indicated capture type.
System Action:	SAP HANA capture processing reads the source data according to the availability of before and after images.
User Response:	No action is required.
<b>PWX-38899</b>	<b>DBAPI Error. Requested function (<i>function</i>) is not supported by the SAP HANA access method.</b>
Explanation:	SAP HANA capture processing issued a function call to the PowerExchange Database API that the SAP HANA access method does not support.
System Action:	SAP HANA capture processing ends.
User Response:	Contact Informatica Global Customer Support.

## CHAPTER 8

# DTL\_BMG003 to DTL\_RPS105I

This chapter includes the following topics:

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## DTL\_BMG003E to DTL\_BMG101E: Datacom Low Level Metadata Retrieval

### **DTL\_BMG003E      SYNTAX ERROR AT OPERAND: *Operand***

Explanation:      The operand contains a syntax error.

System Action:      Processing ends.

User Response:      Correct the errant SYSIN statements and rerun the job.

### **DTL\_BMG011E      TABLE STATEMENT MISSING**

Explanation:      A required table statement was missing from parameters.

System Action:      Processing ends.

User Response:      Correct the errant SYSIN statements and rerun the job.

### **DTL\_BMG012E      ERRORS DETECTED IN SYSIN, PROGRAM TERMINATED**

Explanation:      One or more errors were detected in the SYSIN DD stream of a serious nature and processing may not continue.

System Action:      Processing ends.

User Response:	Correct the errant SYSIN statements and rerun the job.
<b>DTL_BMG013E</b>	<b>DATABASE STATEMENT MISSING</b>
Explanation:	A required database statement was missing from parameters.
System Action:	Processing ends.
User Response:	Correct the errant SYSIN statements and rerun the job.
<b>DTL_BMG025E</b>	<b>LIST STATEMENT MISSING</b>
Explanation:	A required list statement was missing from parameters.
System Action:	Processing ends.
User Response:	Correct the errant SYSIN statements and rerun the job.
<b>DTL_BMG026E</b>	<b>VERSION AND STATUS INCONSISTENT</b>
Explanation:	One of the following was provided <ul style="list-style-type: none"> <li>• A version with PROD</li> <li>• Version 000 without HIST</li> </ul>
System Action:	Processing ends.
User Response:	Correct the errant SYSIN statements and rerun the job.
<b>DTL_BMG027W</b>	<b>NO DATA MATCHES CRITERIA</b>
Explanation:	The selection criteria resulted in no matching data.
System Action:	Processing continues. with warning issued.
User Response:	This may or may not be expected, proceed accordingly.
<b>DTL_BMG101E</b>	<b>DSF ERROR <i>code</i></b>
Explanation:	An error occurred with the DSF.
System Action:	Processing ends.
User Response:	investigate, correct the error and resubmit.

## DTL\_DPL002I to DTL\_DPL300I: Datacom MUF Real-time Log Processor

<b>DTL_DPL002I</b>	<b>INPUT STATEMENT: <i>Input_line</i></b>
Explanation:	Displays the input statement being processed.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

<b>DTL_DPL005E</b>	<b>ERROR READING OR FINDING DTLINPUT DD</b>
Explanation:	There is a problem with the DTLINPUT input DD, processing continues.
System Action:	Processing continues.
User Response:	Investigate, correct the associated error and restart if necessary.
<b>DTL_DPL012E</b>	<b>ERRORS DETECTED IN DTLINPUT, INPUT IGNORED</b>
Explanation:	Errors have been detected in the input, Processing continues.
System Action:	Processing continues.
User Response:	Investigate, correct the associated error and restart if necessary.
<b>DTL_DPL066E</b>	<b>NOT RUNNING AUTHORIZED, PROPAGATION TERMINATED</b>
Explanation:	This needs more authority to run, see documentation.
System Action:	Processing ends.
User Response:	investigate, correct the error and resubmit.
<b>DTL_DPL161E</b>	<b>TOKEN SERVICES FAILURE <i>code</i></b>
Explanation:	A failure occurred accessing data through or for a token.
System Action:	Processing ends.
User Response:	investigate, correct the error and resubmit.
<b>DTL_DPL162E</b>	<b>UNABLE TO LOCATE MUF</b>
Explanation:	The Multi User facility (MUF) was not found using the supplied parameters.
System Action:	Processing ends.
User Response:	investigate, correct the error and resubmit.
<b>DTL_DPL164E</b>	<b>TOKEN = <i>token</i></b>
Explanation:	The token involved in the related error.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_DPL231I</b>	<b><i>dbms_name</i> PROPAGATION ENABLED</b>
Explanation:	Information that propagation is enabled for a database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL232I</b>	<b><i>dbms_name</i> PROPAGATION DISABLED</b>
Explanation:	Information that propagation is disabled for a database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

<b>DTL_DPL277I</b>	<b>MOVER TRANSACTIONS IGNORED = <i>count</i></b>
Explanation:	Print of ignored and filtered MOVER transactions.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL278I</b>	<b>OPEN TRANSACTIONS IGNORED = <i>count</i></b>
Explanation:	Print of ignored and filtered OPEN transactions.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL279I</b>	<b>TOTAL INVOCATIONS = <i>count</i></b>
Explanation:	Print of exit invocations.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL280I</b>	<b>TOTAL TRANSACTIONS READ = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL281I</b>	<b>TOTAL TRANSACTIONS SKIPPED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL282I</b>	<b>ADD TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL283I</b>	<b>UPDATE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL284I</b>	<b>DELETE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.



<b>DTL_DPL285I</b>	<b>CLOSE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL286I</b>	<b>LOGCX TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL287I</b>	<b>COMIT TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL288I</b>	<b>LOGIT TRANSACTIONS IGNORED = <i>count</i></b>
Explanation:	Print of ignored and filtered LOGIT transactions.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL289I</b>	<b>LOGTB TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL290I</b>	<b>ROLBK TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPL299E</b>	<b>UNKNOWN TRANSACTIONS FOUND = <i>count</i></b>
Explanation:	Print of transaction count for unknown transactions.
System Action:	Processing ends.
User Response:	Report this error to Informatica Global Customer Support.
<b>DTL_DPL300I</b>	<b>POWEREXCHANGE COLLECTOR INITIALIZED</b>
Explanation:	The collector is initialized ready to get data.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

# DTL\_DPP001E to DTL\_DPP993E: IDMS CDC EDP Log Feeder

<b>DTL_DPP001E</b>	<b>SYSPRINT DD MISSING</b>
Explanation:	The sysprint could not be used, most likely cause is it is missing.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.
<b>DTL_DPP002I</b>	<b>INPUT STATEMENT: <i>Input_line</i></b>
Explanation:	Forms a full list of the parameters.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPP005E</b>	<b>ERROR READING OR FINDING SYSIN DD</b>
Explanation:	There is a problem with the input SYSIN DD.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_DPP009I</b>	<b>CONSOLE STATEMENT: <i>console_line</i></b>
Explanation:	Copy of console output.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPP012E</b>	<b>ERRORS DETECTED IN SYSIN, PROGRAM TERMINATED</b>
Explanation:	As errors have been detected in the input, Processing ends.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_DPP014E</b>	<b>CONSOLE INPUT COMMAND IGNORED ON ERROR</b>
Explanation:	See associated console statement that is in error.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_DPP106E</b>	<b>POWEREXCHANGE REPLICATION ENVIRONMENT NOT FOUND</b>
Explanation:	The Change Controller was not correctly run.
System Action:	Processing ends.
User Response:	Run the Change Controller with valid information.
<b>DTL_DPP119E</b>	<b>CV ALREADY SPECIFIED</b>
Explanation:	The CV parameter has already been specified.

System Action: Processing ends.

User Response: investigate, correct the associated error and resubmit.

**DTL\_DPP120E NO CV SPECIFIED**

Explanation: The required CV parameter is missing.

System Action: Processing ends.

User Response: investigate, correct the associated error and resubmit.

**DTL\_DPP121E UNABLE TO LOCATE CV CV**

Explanation: The specified CV was unable to be found. This is because of an error in the SYSIN stream or the CV was not defined to a Change Controller.

System Action: Processing ends.

User Response: Correct command stream and rerun job or define the CV through the Change Controller.

**DTL\_DPP122E UNABLE TO ESTABLISH DATASPACE FOR CV**

Explanation: The specified CV does not have a dataspace available for connection most likely because the Change Controller ended.

System Action: Processing ends.

User Response: Review the jcl and input for the Change Controller and insure that it is currently active.

**DTL\_DPP123E TOKEN CREATE ERROR 4**

Explanation: An attempt to create a system token failed for duplicates.

System Action: Processing ends.

User Response: Verify that there is not another copy of the Change Propagator already running for the CV listed in the SYSIN stream.

**DTL\_DPP124E TOKEN CREATE ERROR 8**

Explanation: An internal error occurred in token creation.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**DTL\_DPP161E TOKEN SERVICES FAILURE, RC=return\_code**

Explanation: If rc is a 4, the Change Controller for this CV was not started. If rc is anything else, token services had an internal error.

System Action: Processing ends.

User Response: If rc is a 4, check the Change Controller, otherwise contact Informatica Global Customer Support.

**DTL\_DPP164E TOKEN = rc**

Explanation: This message is generated in combination with other token error messages.

System Action: Processing ends.

User Response: Review output for other token error messages.

<b>DTL_DPP231I</b>	<b>Jobname PROPAGATION COLLECTOR ENABLED FOR <i>dbms_name</i></b>
Explanation:	Collection was enabled for the database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPP232E</b>	<b>PROPAGATION COLLECTOR ALREADY ENABLED FOR <i>dbms_name</i></b>
Explanation:	An enqueue has failed. This implies propagation is already enabled.
System Action:	Processing ends.
User Response:	If this is not reasonable in the circumstances Contact Informatica Global Customer Support for further assistance.
<b>DTL_DPP240E</b>	<b>UNABLE TO INITIALIZE CONSOLE RC= <i>rc</i></b>
Explanation:	While attempting to initialize the common component for console support, a return code of <i>rc</i> was encountered.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with the return code.
<b>DTL_DPP243E</b>	<b>UNABLE TO INITIALIZE DTLXISTL <i>rc</i></b>
Explanation:	While attempting to initialize the common component for timer management, an error was encountered.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support for further assistance.
<b>DTL_DPP244E</b>	<b>UNABLE TO INITIALIZE DTLXIPII <i>rc</i></b>
Explanation:	While attempting to initialize the IDMS interface, an error was encountered.
System Action:	Processing ends.
User Response:	Review the JCL for Propagator errors or contact Informatica Global Customer Support for further assistance.
<b>DTL_DPP254I</b>	<b>FUNCTION BYPASS FOR RUNUNIT <i>run_unit</i>, REASON=<i>feedback</i></b>
Explanation:	Record of BYPASS encountered with reason <i>feedback</i> .
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPP257E</b>	<b>EXISTING TXN FOUND FOR RUNUNIT <i>run_unit</i></b>
Explanation:	An internal error has happened causing the same transaction to exist twice in the system.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL_DPP258E</b>	<b>SEQUENCE ERROR ON <i>rectype</i></b>
Explanation:	An internal error occurred in that a <i>rectype</i> was found for a transaction without a corresponding BEGN.

System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL_DPP259I</b>	<b>TRANSACTION FOUND AS <i>Rectype</i>. RUNUNIT <i>Unit_of_recovery</i>, SEQ=<i>seq1rst2</i></b>
Explanation:	Trace output.
System Action:	Processing continues.
User Response:	This is the trace entry.
<b>DTL_DPP260E</b>	<b>BEGN UNABLE TO CREATE <i>TXN/TASK</i></b>
Explanation:	An internal error.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL_DPP270E</b>	<b>LINKAGE FAILURE <i>rc</i></b>
Explanation:	An internal error.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL_DPP271E</b>	<b>CDMSLIB ERROR <i>return_code</i></b>
Explanation:	The Change Propagator was unable to locate the CDMSLIB DD statement or unable to open the data set.
System Action:	Processing ends.
User Response:	Review the JCL for the Change Propagator for a valid CDMSLIB DD statement.
<b>DTL_DPP282I</b>	<b>INSERT TRANSACTIONS PROCESSED = <i>feedback</i></b>
Explanation:	This is the number of INSERT transactions that were passed to the PowerExchange Logger.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPP283I</b>	<b>UPDATE TRANSACTIONS PROCESSED = <i>feedback</i></b>
Explanation:	This is the number of UPDATE transactions that were passed to the PowerExchange Logger.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPP284I</b>	<b>DELETE TRANSACTIONS PROCESSED = <i>feedback</i></b>
Explanation:	This is the number of DELETE transactions that were passed to the PowerExchange Logger.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPP285I</b>	<b>COMMIT TRANSACTIONS PROCESSED = <i>feedback</i> BY ENDJ</b>
Explanation:	This is the number of COMMIT transactions that were passed to the PowerExchange Logger because of an ENDJ.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP286I BUOW TRANSACTIONS PROCESSED = *feedback***

Explanation: This is the number of BUOW transactions that were passed to the PowerExchange Logger.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP287I COMMIT TRANSACTIONS PROCESSED = *feedback* BY COMT**

Explanation: This is the number of COMMIT transactions that were passed to the PowerExchange Logger because of an COMT.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP288I ABORT TRANSACTIONS PROCESSED = *feedback***

Explanation: This is the number of ABORT transactions that were passed to the PowerExchange Logger.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP301E EDP CMD *command* ERROR RC=*return\_code1**return\_code2*,status JOB=*jobname*  
UOW=*tkn1**tkn2***

Explanation: The command has failed as stated in the given jobname at the tkn1 tkn2 Unit Of Work.

System Action: Processing ends.

User Response: Investigate, if possible correct the associated error and resubmit. Should there be no reason for this from associated messages or it is not clear contact Informatica Global Customer Support.

**DTL\_DPP302E DPII ABENDED**

Explanation: IDMS interface from the Change Propagator abended.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**DTL\_DPP980I USER HAS REQUESTED FILTERING OF SR4 RECORDS**

Explanation: The user has specified "IGNORE\_SR4" in the DTLXIPIP input stream. Any SR4 record encountered in the change stream is ignored. This feature should only be used with guidance from Informatica Global Customer Support.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP981I USER HAS REQUESTED USE OF SR3 HASH TABLE**

Explanation: The user has specified "SR3\_HASH" in the DTLXIPIP input stream. Any SR3 record encountered in the change stream uses the SR3 hash table, built using the input generated by the DTLUCSR2, to utility to reidentify SR3 journal records.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP982I USER HAS DISABLED USE OF SR3 HASH TABLE**

Explanation: The user has specified "SR3\_HASH OFF" in the DTLXIPI input stream. Any SR3 record encountered in the change stream does not use the SR3 hash table, built using the input generated by the DTLUCSR2, to reidentify SR3 journal records.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP983E UNABLE TO ESTABLISH SR3 HASH TABLE**

Explanation: Establishment of SR3 Hash Table has failed. An accompanying message is issued indicating reason for failure.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP984I SR3 HASH TABLE SUCCESSFULLY BUILT**

Explanation: Establishment of SR3 Hash Table was successful.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP985E HASH INTERFACE INVOCATION ERROR = rc**

Explanation: An error occurred using the SR3 hash table interface. An accompanying message may be issued indicating reason for failure.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP986E HASH INTERFACE BUILD ERROR = rc**

Explanation: An error occurred while building the SR3 hash table. An accompanying message is issued indicating reason for failure.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP987E HASH INTERFACE DESTROY ERROR = rc**

Explanation: An error occurred while removing the SR3 hash table. An accompanying message is issued indicating reason for failure.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP988E HASH INTERFACE FIND ERROR = rc**

Explanation: An error occurred while using the SR3 hash table. An accompanying message is issued indicating reason for failure.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP989E      *message* RETURNED HASH INTERFACE ERROR MSG**

Explanation: An error occurred using the SR3 hash table interface. This message contains additional error information returned by the interface.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP990I      USER HAS DISABLED FILTERING OF SR4 RECORDS**

Explanation: The user has specified "IGNORE\_SR4 OFF" in the DTLXIP input stream. Any SR4 record encountered in the change stream is processed. This feature should only be used with guidance from Informatica Global Customer Support.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPP991E      LOAD OF HASH ROUTINE DTLIAHTB, FAILED**

Explanation: The hash interface routine DTLIAHTB module could not be loaded. Ensure That DTLIAHTB module is in steplib library.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP992E      UNABLE TO RESOLVE BEFORE IMAGE SR3 DB-KEY *db-key* FROM HASH TABLE**

Explanation: An error occurred while using the SR3 hash table to find the specified before image. An accompanying message is issued indicating reason for failure.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

**DTL\_DPP993E      UNABLE TO RESOLVE AFTER IMAGE SR3 DB-KEY *db-key* FROM HASH TABLE**

Explanation: An error occurred while using the SR3 hash table to find the specified after image. An accompanying message is issued indicating reason for failure.

System Action: Processing continues.

User Response: If you cannot resolve the problem, contact Informatica Global Customer Support.

## DTL\_DPS900I to DTL\_DPS907I: IDMS Intercept Stub

**DTL\_DPS900I      DETAIL-IDMS INITIALIZATION**

Explanation: This is an informative message that shows an attempt starting to load as an IDMS exit.

System Action: Processing continues.

User Response: This message provides an audit trail.



<b>DTL_DPS901E</b>	<b>LOAD ERROR OF DTLXIPIX</b>
Explanation:	The DTLXIPIX was unable load.
System Action:	Processing ends.
User Response:	Review the IDMS CV JCL to see if the PowerExchange Change Capture for IDMS libraries are in the STEPLIB. Correct the JCL and restart IDMS.
<b>DTL_DPS902E</b>	<b>NO STORAGE FOR DETAIL-IDMS EXIT</b>
Explanation:	This is an internal error.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL_DPS903E</b>	<b>DETAIL-IDMS INITIALIZATION FAILURE</b>
Explanation:	Other errors have occurred and IDMS cannot continue.
System Action:	Processing continues.
User Response:	Look for other error messages and address those problems.
<b>DTL_DPS904E</b>	<b>RESTART WILL BE ATEMPTED</b>
Explanation:	The current task is failing and restart is attempted.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPS905E</b>	<b>RESTART NOT POSSIBLE</b>
Explanation:	The current task is failing and restart is not possible.
System Action:	Processing ends.
User Response:	Look for other error messages and address those problems.
<b>DTL_DPS906I</b>	<b>DETAIL-IDMS INITIALIZATION COMPLETE</b>
Explanation:	This is an informative message that shows that the intercept stub was correctly linked and invoked as an IDMS exit.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPS907I</b>	<b>ALL FACILITIES NOT CURRENTLY ACTIVE</b>
Explanation:	The initialization has not completed cleanly as the return code is 4, this is not always an issue.
System Action:	Processing continues.
User Response:	If this is an issue investigate associated messages.

# DTL\_DPW002I to DTL\_DPW532I: Datacom MUF Real-time Direct Log Processor

<b>DTL_DPW002I</b>	<b>INPUT STATEMENT: <i>Input_line</i></b>
Explanation:	Displays the input statement being processed.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW005E</b>	<b>ERROR READING OR FINDING DTLINPUT DD</b>
Explanation:	There is a problem with the DTLINPUT input DD, processing continues.
System Action:	Processing continues.
User Response:	Investigate, correct the associated error and restart if necessary.
<b>DTL_DPW012E</b>	<b>ERRORS DETECTED IN DTLINPUT, INPUT IGNORED</b>
Explanation:	Errors have been detected in the input, processing continues.
System Action:	Processing continues.
User Response:	Investigate, correct the associated error and restart if necessary.
<b>DTL_DPW066E</b>	<b>NOT RUNNING AUTHORIZED, PROPAGATION TERMINATED</b>
Explanation:	This needs more authority to run, see documentation.
System Action:	Processing ends.
User Response:	investigate, correct the error and resubmit.
<b>DTL_DPW106E</b>	<b>DETAIL PROPAGATION ENVIRONMENT NOT FOUND</b>
Explanation:	The Change Controller was not correctly run.
System Action:	Processing ends.
User Response:	Run the Change Controller with valid information.
<b>DTL_DPW119E</b>	<b>MUF ALREADY SPECIFIED</b>
Explanation:	The MUF parameter has already been supplied.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.
<b>DTL_DPW120E</b>	<b>NO MUF SPECIFIED</b>
Explanation:	The required MUF parameter is missing.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_DPW160I</b>	<b>UNABLE TO LOAD MODULE <i>name</i></b>
Explanation:	The specified module could not be loaded.

System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_DPW161E</b>	<b>TOKEN SERVICES FAILURE <i>code</i></b>
Explanation:	A failure occurred accessing data through or for a token.
System Action:	Processing ends.
User Response:	investigate, correct the error and resubmit.
<b>DTL_DPW162E</b>	<b>UNABLE TO LOCATE MUF</b>
Explanation:	The Multi User facility (MUF) was not found using the supplied parameters.
System Action:	Processing ends.
User Response:	investigate, correct the error and resubmit.
<b>DTL_DPW164E</b>	<b>TOKEN = <i>token</i></b>
Explanation:	The token involved in the related error
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_DPW233I</b>	<b>Jobname PROPAGATION COLLECTOR ENABLED FOR <i>dbms_name</i></b>
Explanation:	Collection was enabled for the database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW234E</b>	<b>PROPAGATION COLLECTOR ALREADY ENABLED FOR <i>dbms_name</i></b>
Explanation:	An enqueue has failed. This implies propagation is already enabled.
System Action:	Processing ends.
User Response:	If this is not reasonable in the circumstances Contact Informatica Global Customer Support for further assistance.
<b>DTL_DPW260I</b>	<b>CYCLE START FOUND FOR SEQUENCE NUMBER = <i>seq_start</i></b>
Explanation:	Print of cycle start sequence number.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW261I</b>	<b>CYCLE END FOUND FOR SEQUENCE NUMBER = <i>seq_end</i></b>
Explanation:	Print of cycle end sequence number.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW277I</b>	<b>MOVER TRANSACTIONS IGNORED = <i>count</i></b>
Explanation:	Print of ignored and filtered MOVER transactions.

System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW278I</b>	<b>OPEN TRANSACTIONS IGNORED = <i>count</i></b>
Explanation:	Print of ignored and filtered OPEN transactions.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW279I</b>	<b>TOTAL INVOCATIONS = <i>count</i></b>
Explanation:	Print of exit invocations.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW280I</b>	<b>TOTAL TRANSACTIONS READ = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW281I</b>	<b>TOTAL TRANSACTIONS SKIPPED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW282I</b>	<b>ADD TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW283I</b>	<b>UPDATE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW284I</b>	<b>DELETE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW285I</b>	<b>CLOSE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.

User Response:	This message provides an audit trail.
<b>DTL_DPW286I</b>	<b>LOGCX TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW287I</b>	<b>COMIT TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW288I</b>	<b>LOGIT TRANSACTIONS IGNORED = <i>count</i></b>
Explanation:	Print of ignored and filtered LOGIT transactions.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW289I</b>	<b>LOGTB TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW290I</b>	<b>ROLBK TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW299E</b>	<b>UNKNOWN TRANSACTIONS FOUND = <i>count</i></b>
Explanation:	Print of transaction count for unknown transactions.
System Action:	Processing ends.
User Response:	Report this error to Informatica Global Customer Support.
<b>DTL_DPW301E</b>	<b>EDP CMD <i>command</i> ERROR RC=<i>return_code1,status</i> JOB=<i>jobname</i> UOW=<i>tkn1tkn2</i></b>
Explanation:	The command has failed as stated in the given jobname at the tkn1 tkn2 Unit Of Work.
System Action:	Processing ends.
User Response:	Investigate, if possible correct the associated error and resubmit. Should there be no reason for this from associated messages or it is not clear contact Informatica Global Customer Support.

<b>DTL_DPW302E</b>	<b>UNREGISTERED ELEMENT, <i>element</i>, IN MODULE DBID=<i>dbid</i>, TBL=<i>table</i>, SOURCE=<i>source</i></b>
Explanation:	A table that was registered for capture now contains an unregistered element. This suggests a change to the database without reregistering the table and perhaps other tasks at the target for this collection.
System Action:	Processing ends.
User Response:	Use the messages to work out what has caused this, establish scope and a way forward. It may be necessary to rematerialize and restart capture of this and any other effected tables. Contact Informatica Global Customer Support for further support.
<b>DTL_DPW303E</b>	<b>CHECKPOINT FOR NON ACTIVE TASK</b>
Explanation:	A "LOGC" or "COMIT" checkpoint was encountered for a non active task.
System Action:	Processing ends.
User Response:	Investigate, if possible correct the associated error and resubmit. Should there be no reason for this from associated messages or it is not clear contact Informatica Global Customer Support.
<b>DTL_DPW531I</b>	<b>dbms_name PROPAGATION ENABLED</b>
Explanation:	Information that propagation is enabled for a database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPW532I</b>	<b>dbms_name PROPAGATION DISABLED</b>
Explanation:	Information that propagation is disabled for a database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

## DTL\_DPX000E to DTL\_DPX999E: IDMS CV Exit and Real-time Journal Processor

<b>DTL_DPX000E</b>	<b>UNABLE TO ESTABLISH ENVIRONMENT</b>
Explanation:	The IDMS environment was not successfully established.
System Action:	Processing ends.
User Response:	Investigate, if possible correct the associated error and resubmit. Should there be no reason for this from associated messages or it is not clear contact Informatica Global Customer Support.
<b>DTL_DPX002I</b>	<b>INPUT STATEMENT: <i>Input_line</i></b>
Explanation:	Displays the input statement being processed.
System Action:	Processing continues.

User Response:	This message provides an audit trail.
<b>DTL_DPX005E</b>	<b>ERROR READING OR FINDING DTLINPUT DD</b>
Explanation:	There is a problem with the DTLINPUT input DD, processing continues.
System Action:	Processing continues.
User Response:	Investigate, correct the associated error and restart if necessary.
<b>DTL_DPX012E</b>	<b>ERRORS DETECTED IN DTLINPUT, INPUT IGNORED</b>
Explanation:	Errors have been detected in the input, processing continues.
System Action:	Processing continues.
User Response:	Investigate, correct the associated error and restart if necessary.
<b>DTL_DPX101I</b>	<b>dbms PROPAGATION INITIALIZATION'</b>
Explanation:	Propagation was initialized for the specified database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPX121I</b>	<b>CV PROPAGATION ENABLED</b>
Explanation:	Propagation was enabled for the specified database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPX122I</b>	<b>CV PROPAGATION ENVIRONMENT NOT FOUND</b>
Explanation:	No CV could be found amongst those defined by Change Controller for the given name.
System Action:	Processing ends.
User Response:	Correct the jobname or Change Controller command stream and rerun job.
<b>DTL_DPX123I</b>	<b>CV PROPAGATION DISABLED</b>
Explanation:	Propagation was disabled for the specified database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPX161E</b>	<b>TOKEN SERVICES FAILURE <i>return_code</i></b>
Explanation:	If the return code is 4, the Change Controller for this CV was not started. Return codes of greater than 4 indicate an internal token services error.
System Action:	Processing ends.
User Response:	For a return code of 4, check the Change Controller. Otherwise, contact Informatica Global Customer Support.
<b>DTL_DPX164E</b>	<b>TOKEN = <i>token_value</i></b>
Explanation:	This message provides diagnostic information.
System Action:	Processing continues. for other messages.

User Response: Review output for other messages.

**DTL\_DPX798E      SUBSYSTEM ERROR, RC=*return\_code*, WHILE RUNNING IDMS IN non standard STORAGE PROTECT KEY**

Explanation: An error occurred in a subsystem.

System Action: Processing ends.

User Response: Investigate, if possible correct the associated error and resubmit. Should there be no reason for this from associated messages or it is not clear contact Informatica Global Customer Support.

**DTL\_DPX799I      NON STANDARD STORAGE PROTECT KEY: *key***

Explanation: The printed key is not standard.

System Action: Processing continues.

User Response: See any associated messages.

**DTL\_DPX999E      DATASPACE IN UNKNOWN STATE**

Explanation: Data type unknown (or TIME, AREA).

System Action: Processing ends. with dump of data including type.

User Response: Investigate, if possible correct the associated error and resubmit. It may be necessary to restart beyond this point. Should there be no reason for this from associated messages or it is not clear contact Informatica Global Customer Support.

## DTL\_DPZ500I to DTL\_DPZ514I: IDMS CDC EDP Log Feeder FAKEIT (EDM Interface)

**DTL\_DPZ500I      POWEREXCHANGE STUB PARM COUNT IS *Number***

Explanation: Record of parameter count.

System Action: Processing continues.

User Response: audit trail

**DTL\_DPZ501I      POWEREXCHANGE STUB FUNCTION IS *function***

Explanation: Record of function passed to the PowerExchange Logger.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_DPZ502E      POWEREXCHANGE STUB UNKNOWN FUNCTION *function***

Explanation: Internal error.

System Action: Processing ends.

User Response: contact Informatica Global Customer Support.



**DTL\_DPZ503E      POWEREXCHANGE STUB PARM COUNT NEEDED IS *Number***

Explanation:      Internal error.  
System Action:      Processing ends.  
User Response:      contact Informatica Global Customer Support.

**DTL\_DPZ504I      POWEREXCHANGE STUB PARM UOW JOBNAME IS *jobname***

Explanation:      The jobname for the unit of work is printed.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_DPZ505I      POWEREXCHANGE STUB PARM UID IS *user\_ID***

Explanation:      The user ID passed printed.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_DPZ506I      POWEREXCHANGE STUB PARM SOURCE IS *source\_name***

Explanation:      The source name passed to the PowerExchange Logger printed.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_DPZ507I      POWEREXCHANGE STUB PARM DATA1 FOR 80 BYTES IS *data***

Explanation:      The data printed is the first 80 bytes of an insert, a delete or a before image for an update.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_DPZ508I      POWEREXCHANGE STUB PARM DATA2 FOR 80 BYTES IS *data***

Explanation:      The data printed is the first 80 bytes of an after image for an update.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_DPZ509I      POWEREXCHANGE STUB PARM OPTS IS *user\_ID***

Explanation:      The options passed to the PowerExchange Logger is printed.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_DPZ510I      POWEREXCHANGE STUB PARM OPTS LEN IS *user\_ID***

Explanation:      The actual length of the data following is printed.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

<b>DTL_DPZ511I</b>	<b>POWEREXCHANGE STUB PARM DATA1 LEN IS <i>length</i></b>
Explanation:	The actual length of the data following is printed.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPZ512I</b>	<b>POWEREXCHANGE STUB PARM DATA2 LEN IS <i>length</i></b>
Explanation:	The actual length of the data following is printed.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPZ513I</b>	<b>POWEREXCHANGE STUB PARM UOW RUID IS <i>run_unit_id</i></b>
Explanation:	The run unit ID is printed. this matches the IDMS run unit ID.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_DPZ514I</b>	<b>POWEREXCHANGE STUB PARM UOW TSN IS <i>transaction_seq_no</i></b>
Explanation:	The transaction sequence number is printed. It is a sequential number within a run unit ID.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

## DTL\_PRP001E to DTL\_PRP302E: Datacom CDC EDP Log Feeder

<b>DTL_PRP001E</b>	<b>SYSPRINT DD MISSING</b>
Explanation:	The sysprint could not be used, most likely cause is it is missing.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_PRP002I</b>	<b>INPUT STATEMENT <i>Input_line</i></b>
Explanation:	Forms a full list of the parameters.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP005E</b>	<b>ERROR READING OR FINDING SYSIN DD</b>
Explanation:	There is a problem with the input SYSIN DD.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.

<b>DTL_PRP009I</b>	<b>CONSOLE STATEMENT: data</b>
Explanation:	Print of the console input being processed.
System Action:	Processing continues.
User Response:	Audit trail
<b>DTL_PRP012E</b>	<b>ERRORS DETECTED IN SYSIN, PROGRAM TERMINATED</b>
Explanation:	As errors have been detected in the input, Processing ends.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_PRP014E</b>	<b>CONSOLE INPUT COMMAND IGNORED ON ERROR</b>
Explanation:	As errors have been detected in the console input, Processing ends.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.
<b>DTL_PRP060E</b>	<b>DATA = data</b>
Explanation:	Print of data from trace or for diagnosis.
System Action:	Processing continues.
User Response:	Audit trail or support for other messages.
<b>DTL_PRP061E</b>	<b>UPPER = data</b>
Explanation:	Print of data (first character of hexadecimal pair) from trace or for diagnosis.
System Action:	Processing continues.
User Response:	Audit trail or support for other messages.
<b>DTL_PRP062E</b>	<b>LOWER = data</b>
Explanation:	Print of data (second character of hexadecimal pair) from trace or for diagnosis.
System Action:	Processing continues.
User Response:	Audit trail or support for other messages.
<b>DTL_PRP070E</b>	<b>HEADER DATA DUMP</b>
Explanation:	Print of data from trace or for diagnosis, header.
System Action:	Processing continues.
User Response:	Audit trail or support for other messages.
<b>DTL_PRP119E</b>	<b>MUF ALREADY SPECIFIED</b>
Explanation:	The MUF parameter has already been supplied.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.

<b>DTL_PRP120E</b>	<b>NO MUF SPECIFIED</b>
Explanation:	The required MUF parameter is missing.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.
<b>DTL_PRP121E</b>	<b>UNABLE TO LOCATE MUF <i>MUF</i></b>
Explanation:	The specified MUF could not be located.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.
<b>DTL_PRP122E</b>	<b>UNABLE TO ESTABLISH DATASPACE FOR <i>MUF</i></b>
Explanation:	A dataspace could not be found or created for the specified MUF.
System Action:	Processing ends.
User Response:	Check the Change Controller to ensure that the specified MUF was specified in create mode.
<b>DTL_PRP165I</b>	<b>TOKEN CREATED FOR <i>MUF</i></b>
Explanation:	A token was created for the specified MUF.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP221I</b>	<b>DATASPACE IS NOT-ACTIVE FOR <i>dbms_name</i> NON CREATE MODE</b>
Explanation:	A dataspace could not be created because the Change Controller was not running in create mode.
System Action:	Processing ends.
User Response:	Run the Change Controller in create mode.
<b>DTL_PRP226E</b>	<b>TOKEN RETRIEVAL ERROR, RC=<i>return_code</i></b>
Explanation:	The process received an error while trying to retrieve a token.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support for further assistance.
<b>DTL_PRP227E</b>	<b>TOKEN CREATION ERROR <i>return_code</i></b>
Explanation:	The process received an error while trying to create a token.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support for further assistance.
<b>DTL_PRP231I</b>	<b>Jobname PROPAGATION COLLECTOR ENABLED FOR <i>dbms_name</i></b>
Explanation:	Collection was enabled for the database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

<b>DTL_PRP232E</b>	<b>PROPAGATION COLLECTOR ALREADY ENABLED FOR <i>dbms_name</i></b>
Explanation:	An enqueue has failed. This implies propagation is already enabled.
System Action:	Processing ends.
User Response:	If this is not reasonable in the circumstances contact Informatica Global Customer Support for further assistance.
<b>DTL_PRP240E</b>	<b>UNABLE TO INITIALIZE CONSOLE RC= <i>return_code</i></b>
Explanation:	Console support component initialization failed with return code.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support with return code.
<b>DTL_PRP243E</b>	<b>UNABLE TO INITIALIZE DTLXISTL</b>
Explanation:	An error occurred initializing the timer management component.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support for further assistance.
<b>DTL_PRP259I</b>	<b>TRANSACTION FOUND AS <i>transaction</i>. RUNUNIT <i>Run_unit</i>, UOW=<i>UOW</i></b>
Explanation:	Print of Transaction run unit and unit of work/recovery.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP260I</b>	<b>CYCLE START FOUND FOR SEQUENCE NUMBER = <i>seq_start</i></b>
Explanation:	Print of cycle start sequence number.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP261I</b>	<b>CYCLE END FOUND FOR SEQUENCE NUMBER = <i>seq_end</i></b>
Explanation:	Print of cycle end sequence number.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP280I</b>	<b>TOTAL TRANSACTIONS READ = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP281I</b>	<b>TOTAL TRANSACTIONS SKIPPED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

<b>DTL_PRP282I</b>	<b>ADD TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP283I</b>	<b>UPDATE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP284I</b>	<b>DELETE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP285I</b>	<b>CLOSE TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP286I</b>	<b>LOGCX TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP287I</b>	<b>COMIT TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP288I</b>	<b>LOGIT TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP289I</b>	<b>LOGTB TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.

<b>DTL_PRP290I</b>	<b>ROLBK TRANSACTIONS PROCESSED = <i>count</i></b>
Explanation:	Print of transaction count.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_PRP300E</b>	<b>UNKNOWN TRANSACTIONS FOUND = <i>count</i></b>
Explanation:	Print of transaction count for unknown transactions.
System Action:	Processing ends.
User Response:	Report this error to Informatica Global Customer Support.
<b>DTL_PRP301E</b>	<b>EDP CMD <i>command</i> ERROR RC=<i>return_code1</i><i>return_code2</i>,status JOB=<i>jobname</i> UOW=<i>tkn1</i><i>tkn2</i></b>
Explanation:	The command has failed as stated in the given jobname at the tkn1 tkn2 Unit Of Work.
System Action:	Processing ends.
User Response:	Investigate, if possible correct the associated error and resubmit. Should there be no reason for this from associated messages or it is not clear contact Informatica Global Customer Support.
<b>DTL_PRP302E</b>	<b>UNREGISTERED ELEMENT, <i>element</i>, IN MODULE <i>module</i> DBID=<i>dbid</i>, TBL=<i>table</i>, SOURCE=<i>source</i></b>
Explanation:	A table that was registered for capture now contains an unregistered element. This suggests a change to the database without reregistering the table and perhaps other tasks at the target for this collection.
System Action:	Processing ends.
User Response:	Use the messages to work out what has caused this, establish scope and a way forward. It may be necessary to rematerialize and restart capture of this and any other effected tables. Contact Informatica Global Customer Support for further support.

## DTL\_RPC001E to DTL\_RPC999E: Datacom and IDMS CDC Dataspace Controller

<b>DTL_RPC001E</b>	<b>SYSPRINT DD MISSING</b>
Explanation:	The sysprint could not be used, most likely cause is it is missing.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_RPC002I</b>	<b>INPUT STATEMENT: <i>Input_line</i></b>
Explanation:	Forms a full list of the parameters.
System Action:	Processing continues.

User Response:	This message provides an audit trail.
<b>DTL_RPC005E</b>	<b>ERROR READING OR FINDING SYSIN DD</b>
Explanation:	There is a problem with the input SYSIN DD.
System Action:	Processing ends.
User Response:	investigate, correct the associated error and resubmit.
<b>DTL_RPC008I</b>	<b>PARM STATEMENT: <i>Parameter_line</i></b>
Explanation:	Copy of parameter input.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC009I</b>	<b>CONSOLE STATEMENT: <i>console_line</i></b>
Explanation:	Copy of console output.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC012E</b>	<b>PROGRAM TERMINATED. INPUT ERROR FROM PARM/SYSIN</b>
Explanation:	One or more errors were detected in the SYSIN DD stream of a serious nature and processing may not continue.
System Action:	Processing ends.
User Response:	Correct the errant SYSIN statements and rerun the job
<b>DTL_RPC014E</b>	<b>CONSOLE INPUT COMMAND IGNORED ON ERROR</b>
Explanation:	See associated console statement that is in error.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.
<b>DTL_RPC019I</b>	<b>DUPLICATE SOURCE STATEMENT IGNORED</b>
Explanation:	A duplicate parameter was ignored.
System Action:	Processing continues.
User Response:	Investigate and correct the error to eliminate the warning in the future.
<b>DTL_RPC105E</b>	<b>INVALID RCM MODULE</b>
Explanation:	The RCM Module is not correct.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC119E</b>	<b>EXPECTED CV OR MUF KEYWORD NOT FOUND</b>
Explanation:	The keyword encountered did not identify a MUF or CV.
System Action:	Processing ends.



User Response: Investigate, correct the associated error and resubmit.

**DTL\_RPC120E NO DBMS (CV/MUF) REGION SPECIFIED**

Explanation: The required identity of a CV or MUF is missing.

System Action: Processing ends.

User Response: Investigate, correct the associated error and resubmit.

**DTL\_RPC160I UNABLE TO LOAD MODULE *name***

Explanation: The specified module could not be loaded.

System Action: Processing ends.

User Response: If investigation does not reveal a solution, contact Informatica Global Customer Support.

**DTL\_RPC165I TOKEN CREATED FOR *resource***

Explanation: A token was created for this particular resource.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC166I UNABLE TO LOAD TO CSA *resource***

Explanation: The specified module could not be loaded to CSA.

System Action: Processing ends.

User Response: If investigation does not reveal a solution, contact Informatica Global Customer Support.

**DTL\_RPC167I CSA LOAD ERROR R15=*return\_code***

Explanation: The return code for the module load to CSA that failed.

System Action: Processing ends.

User Response: If investigation does not reveal a solution, contact Informatica Global Customer Support.

**DTL\_RPC168I CSA LOAD ERROR R1=*reg1***

Explanation: Register 1 diagnostics or the module load to CSA that failed.

System Action: Processing ends.

User Response: If investigation does not reveal a solution, contact Informatica Global Customer Support.

**DTL\_RPC170I GET CAPTURED REGISTRATIONS FROM LOCATION *place***

Explanation: Information: the location "PSEUDO/LOCAL" or actual where registrations are being taken from.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC201E MODULE UNABLE TO BE LOADED *resource***

Explanation: The specified RCM module could not be loaded.

System Action: Processing ends.

User Response: If investigation does not reveal a solution, contact Informatica Global Customer Support.

**DTL\_RPC202W      MODULE NOT FOUND *resource***

Explanation: The specified RCM module could not be found.

System Action: Processing ends.

User Response: If investigation does not reveal a solution, contact Informatica Global Customer Support.

**DTL\_RPC203W      MODULE ALREADY ACTIVE *resource***  
**Warning: that this specified resource was previously activated.**

System Action: Processing continues.

User Response: Investigate and correct the error to eliminate the warning in the future.

**DTL\_RPC204E      MODULE ALREADY DEACTIVATED *resource***

Explanation: The specified resource is not active.

System Action: Processing ends.

User Response: Investigate, correct the associated error and ready for resubmission.

**DTL\_RPC205I      DBID IS *dbname***

Explanation: Print of the dbname.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC206I      TABLE NAME IS *table***

Explanation: Print of the table name code.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC208I      SETNAME = *setname***

Explanation: Print of the set name.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC209I      PATH SOURCE NAME IS *path\_source\_name***

Explanation: Print of the path source name.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC210I      STATUS FOR MODULE *resource***

Explanation: Print of the Module name.

System Action: Processing continues.

User Response: This message provides an audit trail.

<b>DTL_RPC211I</b>	<b>MODULE IS ACTIVE</b>
Explanation:	Print of the resource status.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC212I</b>	<b>MODULE IS INACTIVE</b>
Explanation:	Print of the resource status.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC213I</b>	<b>DBNAME IS <i>dbname</i></b>
Explanation:	This is a result of a status command for a registration against the specified DBID.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC214I</b>	<b>RECORD NAME IS <i>record</i></b>
Explanation:	This is a result of a status command for a registration against the specified record.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC215I</b>	<b>BASE SOURCE NAME IS <i>source</i></b>
Explanation:	This is a result of a status command for a registration. The registration is against the specified propagation source.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC216I</b>	<b>NO BASE SOURCE NAME SPECIFIED</b>
Explanation:	This is a result of a status command for a registration. The registration is not against a specified propagation source.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC217I</b>	<b>RECORD ID = <i>recid</i></b>
Explanation:	This is a result of a status command for a registration. The registration is against the specified record ID.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC218I</b>	<b>PATH COUNT = <i>count</i></b>
Explanation:	This is a result of a status command for a registration. The registration is has the stated path count.
System Action:	Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC219I NO RCM MODULES FOUND**

Explanation: No RCM modules could be found.

System Action: Processing continues.

User Response: Resubmit the request, if necessary, changing the selection.

**DTL\_RPC220I DATASPACE IS ACTIVE FOR MUF**

Explanation: This message indicates that a Change Controller is active for the specified MUF and has built a dataspace.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC221I DATASPACE IS NOT-ACTIVE FOR MUF**

Explanation: There is no current dataspace for specified MUF and this execution of the Change Controller cannot build one because it is not in CREATE mode.

System Action: Processing ends.

User Response: Rerun the job if necessary with a CREATE statement to create a dataspace for the MUF.

**DTL\_RPC222I DATASPACE CREATED WITH NAME MUF**

Explanation: This is an informative message that a Change Controller in create mode created a dataspace for specified MUF.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC223I DATASPACE CREATED WITH *number* BLOCKS**

Explanation: This informational message displays the size of the dataspace. If the number that appears in this message differs significantly from the normal values of 524289 or 524288, contact your system programmer to see if the dataspace size was restricted in your environment.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC224I DATASPACE CREATED WITH *origin* ORIGIN**

Explanation: This is the origin of the dataspace and is meant for debugging purposes only.

System Action: Processing continues.

User Response: This message provides an audit trail.

**DTL\_RPC226E TOKEN RETRIEVAL ERROR**

Explanation: The program received an error while trying to retrieve a token.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**DTL\_RPC227E      TOKEN CREATION ERROR *code***

Explanation:      While attempting to create a token, the program received error printed.  
System Action:      Processing ends.  
User Response:      Contact Informatica Global Customer Support.

**DTL\_RPC228E      DATASPACE ALLOCATION ERROR *code***

Explanation:      An error occurred during dataspace allocation with internal error as printed.  
System Action:      Processing ends.  
User Response:      Contact Informatica Global Customer Support.

**DTL\_RPC229E      DATASPACE CREATION ERROR *code***

Explanation:      An error occurred during dataspace creation with internal error as printed.  
System Action:      Processing ends.  
User Response:      Contact Informatica Global Customer Support.

**DTL\_RPC231I      *dbms* ENABLED FOR PROPAGATION**

Explanation:      The specified *dbms* was enabled for propagation.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_RPC232I      *dbms* PROPAGATION DISABLED**

Explanation:      The specified *dbms* was disabled for propagation.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_RPC233I      *dbms* PROPAGATION DISABLE PENDING**

Explanation:      The specified *dbms* is being disabled for propagation.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_RPC234I      *dbms* PROPAGATION ENABLE PENDING**

Explanation:      The specified *dbms* is being enabled for propagation.  
System Action:      Processing continues.  
User Response:      This message provides an audit trail.

**DTL\_RPC237E      RCM *registration* HAS INVALID VERSION**

Explanation:      The registration version did not match.  
System Action:      Processing ends.  
User Response:      If investigation does not reveal a solution, contact Informatica Global Customer Support.

<b>DTL_RPC238E</b>	<b>UNABLE TO LOAD SCHEMA <i>schema</i></b>
Explanation:	The specified schema could not be loaded.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC240E</b>	<b>UNABLE TO INITIALIZE CONSOLE RC= <i>rc</i></b>
Explanation:	While attempting to initialize the common component for console support, the return code <i>rc</i> was encountered.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC243E</b>	<b>UNABLE TO INITIALIZE DTLXISTL</b>
Explanation:	While attempting to initialize the common component for timer management, an error was encountered
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC244E</b>	<b>UNEXPECTED GET CONSOLE STATUS RC= <i>rc</i></b>
Explanation:	The console status <i>rc</i> was give when attempting to get a console.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC245I</b>	<b>PROPAGATION ENVIRONMENT ESTABLISHED</b>
Explanation:	The environment is now ready for propagation.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC250E</b>	<b>INVALID SUBSCHEMA MODULE TYPE 1</b>
Explanation:	The subschema module name was not IB50 and an error occurred.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC251E</b>	<b>INVALID SUBSCHEMA MODULE TYPE 2</b>
Explanation:	The subschema module name was not SR51 and an error occurred.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC600E</b>	<b>REGISTRATION CAPTURE INVOKATION ERROR <i>return_code</i></b>
Explanation:	An error occurred accessing capture registrations.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.

<b>DTL_RPC601E</b>	<b>REGISTRATION CAPTURE OPEN ERROR <i>return_code</i></b>
Explanation:	An error occurred accessing capture registrations.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC602E</b>	<b>REGISTRATION CAPTURE CLOSE ERROR <i>return_code</i></b>
Explanation:	An error occurred accessing capture registrations.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC603E</b>	<b>REGISTRATION CAPTURE READ ERROR <i>return_code</i></b>
Explanation:	An error occurred accessing capture registrations.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC604E</b>	<b>REGISTRATION CAPTURE RETURNED EMPTY DATAMAP</b>
Explanation:	Nothing was returned when accessing a capture registration.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC611I</b>	<b>MODULE <i>name</i> IS ACTIVE</b>
Explanation:	The specified registration module is currently active.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC612I</b>	<b>MODULE <i>name</i> IS INACTIVE</b>
Explanation:	The specified registration module is currently inactive.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.
<b>DTL_RPC990I</b>	<b><i>dbms</i> DATASPACE EMPTY/INUSE</b>
Explanation:	Status of dataspace.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPC991E</b>	<b><i>dbms</i> IS ALREADY UP; PROPAGATION INACTIVE UNTIL JOB IS RECYCLED</b>
Explanation:	The stated resource is already up. Propagation is inactive, recycling the job is usually a solution.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.

<b>DTL_RPC998I</b>	<b>SHUTDOWN REQUEST IGNORED; PROPAGATION ACTIVE FOR <i>dbms</i></b>
Explanation:	As propagation is still active for the specified database, the shutdown request was ignored.
System Action:	Processing continues.
User Response:	Investigate why this has happened.
<b>DTL_RPC999E</b>	<b><i>message</i></b>
Explanation:	See a message and associated messages.
System Action:	Processing ends.
User Response:	If investigation does not reveal a solution, contact Informatica Global Customer Support.

## DTL\_RPS001E to DTL\_RPS105I: Datacom MUF Address Space Subtask Exit

<b>DTL_RPS001E</b>	<b>SYSPRINT DD MISSING</b>
Explanation:	The sysprint could not be used, most likely cause is it is missing.
System Action:	Processing ends.
User Response:	Investigate, correct the associated error and resubmit.
<b>DTL_RPS101I</b>	<b><i>dbms</i> PROPAGATION INITIALIZATION</b>
Explanation:	Propagation was initialized for the specified database.
System Action:	Processing continues.
User Response:	This message provides an audit trail.
<b>DTL_RPS102I</b>	<b>MUF PROPAGATION INITIALIZATION COMPLETE</b>
Explanation:	Propagation initialization complete for the specified database.
System Action:	Processing continues to completion.
User Response:	This message provides an audit trail.
<b>DTL_RPS103I</b>	<b>MUF PROPAGATION TERMINATED</b>
Explanation:	Propagation was terminated for the specified database.
System Action:	Processing continues to completion.
User Response:	This message provides an audit trail.
<b>DTL_RPS105I</b>	<b>PROPAGATION TERMINATED - INVALID MASTERLIST</b>
Explanation:	Propagation ended for the specified database due to invalid "MASTER LIST" format.
System Action:	Processing continues to completion.
User Response:	Investigate, correct the associated error and resubmit.



## CHAPTER 9

# infacmd pwx Error Messages

This chapter includes the following topics:

- [infacmd pwx Error Messages Overview, 489](#)
- [MDAdapter Messages, 489](#)
- [MDO Messages, 490](#)
- [Parser Messages, 492](#)
- [PWXCMD Messages, 493](#)
- [PWXLog Messages, 495](#)
- [PWXNative Messages, 495](#)

## infacmd pwx Error Messages Overview

infacmd pwx commands issue messages when errors are detected. Some of these messages are also issued with you manage a PowerExchange Listener Service or PowerExchange Logger Service through the Administrator tool. You can view these messages in the log viewer of the Administrator tool.

## MDAdapter Messages

### **MDAdapter\_34102 File not found *file\_name***

Explanation: The file was not found in the specified location. For example, a copybook file that is specified in the control file was not found.

System Action: Processing ends.

User Response: Correct the control file and run the command again.

### **MDAdapter\_34103 Failed to parse *file\_name*. This metadata cannot be read.**

Explanation: The createdatamaps utility was unable to read the specified file because it contains syntax errors.

System Action: Processing ends.

User Response: Correct the errors in the file and run the command again.

<b>MDataAdapter_34105</b>	<b>Unable to build metadata from <i>file_name</i> due to errors parsing the file.</b>
Explanation:	The createdatamaps utility was unable to parse the specified file because it contains syntax errors.
System Action:	Processing ends.
User Response:	Correct the errors in the file and run the command again.

## MDO Messages

<b>MDO_34601</b>	<b>Program Logic Error: <i>error</i></b>
Explanation:	An internal error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>MDO_34602</b>	<b>Error(s) occurred parsing control file '<i>control_file</i>'</b>
Explanation:	The createdatamaps utility found a syntax or other error in the XML control file.
System Action:	Processing ends.
User Response:	Correct the error in the control file and run the command again.
<b>MDO_34603</b>	<b>Error occurred parsing control file '<i>control_file</i>': <i>error_message</i>.</b>
Explanation:	A syntax or other error was found in the XML control file.
User Response:	Correct the error in the XML control file.
<b>MDO_34605</b>	<b>Error occurred defining connection: <i>connection</i></b>
Explanation:	An error was encountered in the connection definition.
System Action:	Processing ends.
User Response:	Verify that the node name, user ID, password, and other connection settings are configured correctly.
<b>MDO_34607</b>	<b>Error occurred building map <i>data_map</i> obtaining metadata for record '<i>metadata_object</i> : <i>message</i>'.</b>
Explanation:	An error occurred when retrieving metadata for the specified record. For example, a copybook file name or path might be incorrect.
System Action:	Processing ends.
User Response:	Check the XML control file for possible errors.
<b>MDO-34608</b>	<b>Environment variable <i>variable=value</i> is invalid/missing.</b>
Explanation:	The environment variable is missing or has an invalid value.
System Action:	Processing ends.
User Response:	Define or correct the environment variable.

<b>MDO_34609</b>	<b>Control file '<i>file_name</i>' - file not found.</b>
Explanation:	The createdatamaps utility was unable to find the control file.
System Action:	Processing ends.
User Response:	Run the command again with the correct the file name and path of the control file.
<b>MDO_34610</b>	<b>Error occurred creating connection: <i>connection</i>.</b>
Explanation:	An error was encountered in the connection definition.
System Action:	Processing ends.
User Response:	Verify that the node name, user ID, password, and other connection settings are configured correctly.
<b>MDO_34615</b>	<b>I/O error occurred writing to '<i>data_map_file</i>', message <i>error_message</i></b>
Explanation:	An I/O error occurred writing to the data map file. For example, the data map output directory might be invalid.
System Action:	Processing ends.
User Response:	Verify that the data map file path and name are specified correctly.
<b>MDO_34617</b>	<b>An error occurred generating datamap '<i>data_map</i>', message: <i>error_message</i></b>
Explanation:	An error occurred during data map generation.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>MDO_34618</b>	<b>Copybook definition not specified in control file for datamap <i>data_map_name</i>.</b>
Explanation:	The control file does not specify a copybook.
User Response:	Processing ends.
User Response:	Check the control file to ensure that a copybook is specified correctly.
<b>MDO_34620</b>	<b>Code page '<i>code_page</i>' is invalid, map <i>data_map_name</i>. Expected numeric ID from <i>pmlocale.ini</i>.</b>
Explanation:	An invalid code page ID is specified in the control file.
System Action:	Processing ends.
User Response:	Correct the code page in the control file.
<b>MDO_34623</b>	<b>Error occurred building map <i>data_map</i>.</b>
Explanation:	An error occurred while the createdatamaps utility was building the specified data map.
User Response:	Check the accompanying error messages and then correct the reported problems.
<b>MDO_34645</b>	<b>Unable to read integer values from field <i>field_name</i>.</b>
Explanation:	The createdatamaps utility was unable to read an integer value in the specified field in a data record.
User Response:	Contact Informatica Global Customer Support.

<b>MDO_34647</b>	<b>Data file name not specified in control file for datamap <i>data_map</i>.</b>
Explanation:	A data file name was not specified in the control file for the specified data map. The control file must specify a valid data file name to identify the record ID fields.
User Response:	Specify a valid data file name in the control file.
<b>MDO_34648</b>	<b>Unable to create cache directory '<i>cache_directory</i>'</b>
Explanation:	The specified cache path is not valid.
User Response:	Edit the control file to specify a valid cache path and run the createdatamaps utility again.
<b>MDO_34649</b>	<b>Unable to start cache service. Exception Error: <i>exception_error</i>.</b>
Explanation:	The createdatamaps utility was unable to load the JCS library.
User Response:	Contact Informatica Global Customer Support.
<b>MDO_34650</b>	<b>Unable to clear cache. Exception Error: <i>exception_error</i>.</b>
Explanation:	A failure occurred when the createdatamaps utility tried to clear the disk cache.
User Response:	Contact Informatica Global Customer Support.
<b>MDO_34651</b>	<b>Unable to cache file properties object. Exception Error: <i>exception_error</i>.</b>
Explanation:	A failure occurred when the createdatamaps utility tried to write the file properties object to the cache.
User Response:	Contact Informatica Global Customer Support.
<b>MDO_34652</b>	<b>Unable to add record <i>record</i> to cache. Exception Error: <i>exception_error</i>.</b>
Explanation:	A failure occurred when the createdatamaps utility tried to add the record to the cache.
User Response:	Contact Informatica Global Customer Support.

## Parser Messages

<b>Parser_34300</b>	<b>Failed to parse <i>file_name</i>. This metadata cannot be read.</b>
Explanation:	The metadata file contains syntax errors that prevent it from being read.
System Action:	Processing ends.
User Response:	Correct the errors in the file and run the command again.
<b>Parser_34301</b>	<b>Error message returned by parser</b>
Explanation:	An error occurred while the copybook was being parsed.
System Action:	Processing ends.
User Response:	Correct the error and run the command again.

# PWXCMD Messages

**PWXCMD\_20000      ERROR: "error\_message"**

Explanation:      The specified error occurred.

User Response:      See the documentation for the specified error.

**PWXCMD\_20001      This command requires either the DomainName or Gateway option.**

Explanation:      The command did not include either the -DomainName or the -Gateway option. At least one of these options is required.

User Response:      On the command line, include the -DomainName or -Gateway option.

**PWXCMD\_20002      The node ["node\_name"] does not exist in the domain**

Explanation:      The node name that you entered for the -NodeName option on the command line does not exist in the domain.

User Response:      Enter a valid node name.

**PWXCMD\_20003      The service ["service\_name"] is not a Listener Service**

Explanation:      The value that you entered for the -ServiceName option on the command line is not the name of a PowerExchange Listener Service.

User Response:      For the -ServiceName option, specify the name of a Listener Service.

**PWXCMD\_20004      The service ["service\_name"] is not a Logger Service**

Explanation:      The value that you entered for the -ServiceName option on the command line is not the name of a PowerExchange Logger Service.

User Response:      For the -ServiceName option, specify the name of a Logger Service.

**PWXCMD\_20005      Error communicating with service ["service\_name"]. See log for more details**

Explanation:      The infacmd pwx command encountered an error while communicating with the specified service.

User Response:      See the PowerExchange log file for additional information.

**PWXCMD\_20006      Command not applicable to service ["service\_name"].**

Explanation:      The infacmd pwx command that you entered does not apply to the service name that you entered.

User Response:      Enter an appropriate service name for the command.

**PWXCMD\_30084      Invalid address format. Expected format is host:port.**

Explanation:      The format of the node address that is specified in the infacmd pwx command is not valid.

User Response:      Enter the node address in the following format: *host\_name: port\_number*

**PWXCMD\_30089      Invalid port number [port\_number]**

Explanation:      The port number that is specified in the infacmd pwx command is not valid.

User Response:      Enter a valid port number in the infacmd pwx command.

<b>PWXCMD_30357</b>	<b>Could not connect to peer due to [service_connection_error]</b>
Explanation:	The service could not be connected using the given parameters.
User Response:	Verify that the domain parameters are valid.
<b>PWXCMD_30358</b>	<b>No gateway connectivity is found for domain [domain_name].</b>
Explanation:	The program was unable to establish a connection to the domain.
User Response:	Verify that the domain gateway configuration is correct.
<b>PWXCMD_30359</b>	<b>Connection definition not found for: [connection_name].</b>
Explanation:	The program was unable to find a connection definition.
User Response:	Contact Informatica Global Customer Support.
<b>PWXCMD_30360</b>	<b>Definition for operation [operation_name] not found.</b>
Explanation:	The PowerExchange data map does not contain the table for this operation.
System Action:	The operation is removed from the data object.
User Response:	No response is required.
<b>PWXCMD_30361</b>	<b>Definition for field [field_name] in operation [operation_name] not found.</b>
Explanation:	The PowerExchange data map does not contain the field that is referenced by this operation.
System Action:	The field is removed from the operation.
User Response:	No response is required.
<b>PWXCMD_30362</b>	<b>Definition for field [field_name] in operation [operation_name] mismatch (details)</b>
Explanation:	The PowerExchange data map contains a different definition of type, precision, or scale for this field.
System Action:	The field in the operation is updated to match the data map definition.
User Response:	No response is required.
<b>PWXCMD_30363</b>	<b>General Logic Error: [error_message]</b>
Explanation:	The indicated program logic error occurred.
User Response:	Contact Informatica Global Customer Support.
<b>PWXCMD_30364</b>	<b>Connection name argument invalid</b>
Explanation:	The connection name argument must be a string in double quotation marks. The string can optionally include a single wild card character. Example: \"conn*\"
User Response:	Enter the connection name argument in the correct format.
<b>PWXCMD_30365</b>	<b>Data object name argument invalid</b>
Explanation:	The data object name argument must be a string in double quotation marks. The string can optionally include a single wild card character. Example: \"*\"
User Response:	Enter the data object name argument in the correct format.

<b>PWXCMD_30366</b>	<b>Schema name argument invalid</b>
Explanation:	The schema name argument must be a string in double quotation marks. The string can optionally include a single wild card character. Example: \"*\"
User Response:	Enter the schema name argument in the correct format.
<b>PWXCMD_30367</b>	<b>Model [data_model] - import warning: [validation_warning]</b>
Explanation:	The import of the PowerExchange data map generated warning messages.
User Response:	Correct the data map if required and synchronize the data object.
<b>PWXCMD_30368</b>	<b>Cannot load PowerExchange. Please check PWX_HOME environment variable.</b>
Explanation:	The command line program was unable to load PowerExchange. The program requires PowerExchange to be installed and the PWX_HOME environment variable to be set.
User Response:	Verify that the PWX_HOME environment variable points to the PowerExchange installation directory on the local system.
<b>PWXCMD_34024</b>	<b>Invalid replace value 'replace_value'.</b>
Explanation:	An invalid value was specified for the -replace parameter of the createdatamaps command.
User Response:	Specify Y or N for the -replace parameter in either uppercase or lowercase.

## PWXLog Messages

<b>PWXLog_009</b>	<b>Cannot load PowerExchange. Ensure PWX_HOME environment variable is set.</b>
Explanation:	The command requires PowerExchange to be installed and the PWX_HOME environment variable to be set.
User Response:	Ensure that the PWX_HOME environment variable points to the PowerExchange installation directory on the local system.
<b>PWXLog_34780</b>	<b>Invalid logger level 'logger_level'</b>
Explanation:	The createdatamaps command specifies an invalid value for verbosity. Valid values are DEBUG, INFO, ERROR, and FATAL. Default is INFO.
System Action:	Processing ends.
User Response:	Specify a valid value for verbosity and run the command again.

## PWXNative Messages

<b>PWXNative_001</b>	<b>Cannot access resource "resource_name". Error: error.</b>
Explanation:	An internal error occurred.

System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXNative_002</b>	<b>Error calling resource "<i>resource_name</i>" with API function "<i>api_function</i>". Error: "<i>error_message</i>".</b>
Explanation:	An internal error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXNative_003</b>	<b>Invalid environment handle.</b>
Explanation:	An internal error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXNative_004</b>	<b>Invalid connection handle.</b>
Explanation:	An internal error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXNative_005</b>	<b>Invalid statement handle.</b>
Explanation:	An internal error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXNative_006</b>	<b><i>error_message</i></b>
Explanation:	An internal error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXNative_007</b>	<b>One or more characters in the password are not supported by PowerExchange.</b>
Explanation:	The PowerExchange password that you specified includes unsupported characters.
System Action:	Processing ends.
User Response:	Enter the command again and specify a valid password.



# CHAPTER 10

## PWXPC Error Messages

This chapter includes the following topics:

- [PWXPC Error Messages Overview, 497](#)
- [PWXPC\\_10000 to PWXPC\\_10099, 497](#)
- [PWXPC\\_11000 to PWXPC\\_11099, 506](#)
- [PWXPC\\_12000 to PWXPC\\_12099, 507](#)
- [PWXPC\\_12100 to PWXPC\\_12199, 516](#)

### PWXPC Error Messages Overview

PowerExchange Client for PowerCenter issues informational messages about setup and operation as well as messages when errors are detected. PWXPC messages are prefixed with PWXPC\_ followed by a five-digit message number.

Messages from PowerExchange and PowerCenter also display in conjunction with these messages.

### PWXPC\_10000 to PWXPC\_10099

**PWXPC\_10001**      ***reader cannot get the Source Qualifier instances from the mapping.***

Explanation:      Internal error.

User Response:      Contact Informatica Global Customer Support.

**PWXPC\_10002**      ***reader cannot get connection reference for the Source Qualifier instance *qualifier\_name*.***

Explanation:      Internal error.

User Response:      Contact Informatica Global Customer Support.

**PWXPC\_10003**      ***reader failed to initialize the source for the Source Qualifier instance *qualifier\_name*.***

Explanation:      The Integration Service could not initialize the session.

User Response:      See the additional error message for more information.

<b>PWXPC_10004</b>	<b>Cannot get connection property <i>attribute_name</i>.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10005</b>	<b>PowerExchange AllocEnv failed</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10006</b>	<b>PowerExchange AllocConnect failed. Return code: <i>return_code</i></b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10007</b>	<b>PowerExchange AllocConnect failed. Error message(s): <i>additional_messages</i></b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10008</b>	<b>Cannot connect to the PowerExchange Listener. Return code: <i>return_code</i>.</b>
Explanation:	The Integration Service could not connect to the PowerExchange Listener.
User Response:	See the additional error message for more information.
<b>PWXPC_10010</b>	<b>Cannot get metadata extension <i>extension_name</i>.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10011</b>	<b>PowerExchange AllocStmt failed. Return code: <i>return_code</i>.</b>
Explanation:	PowerExchange Listener error.
User Response:	Check the additional error message for more information.
<b>PWXPC_10012</b>	<b>PowerExchange Prepare failed. Return code: <i>return_code</i>.</b>
Explanation:	PowerExchange Listener error.
User Response:	Check the additional error message for more information.
<b>PWXPC_10013</b>	<b>PowerExchange Execute failed. Return code: <i>return_code</i>.</b>
Explanation:	PowerExchange Listener error.
User Response:	Check the additional error message for more information.
<b>PWXPC_10014</b>	<b>PowerExchange SetRow count failed. Return code: <i>return_code</i>.</b>
Explanation:	PowerExchange Listener error.
User Response:	Check the additional error message for more information.
<b>PWXPC_10015</b>	<b>PowerExchange Bind Col failed. Return code: <i>return_code</i>.</b>
Explanation:	PowerExchange Listener error.

User Response:	Check the additional error message for more information.
<b>PWXPC_10016</b>	<b>PowerExchange Group Fetch failed. Return code: <i>return_code</i>.</b>
Explanation:	PowerExchange Listener error.
User Response:	Check the additional error message for more information.
<b>PWXPC_10017</b>	<b>PowerExchange Fetch failed. Return code: <i>return_code</i>.</b>
Explanation:	PowerExchange Listener error.
User Response:	Check the additional error message for more information.
<b>PWXPC_10018</b>	<b>Reader encountered an error during buffer flush.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10019</b>	<b>Connection parameter <i>connection_attribute</i> is missing.</b>
Explanation:	The specified connection attribute does not contain a value.
User Response:	Specify a value for the connection attribute.
<b>PWXPC_10021</b>	<b>The schema is overwritten to [<i>schema</i>] in the session properties for the Source Qualifier [<i>qualifier_name</i>]</b>
Explanation:	The source schema in the source definition Metadata Extensions has been overridden in the session properties to the value shown.
User Response:	No response is required.
<b>PWXPC_10022</b>	<b>The data map is overwritten to [<i>map_name</i>] in the session properties for the Source Qualifier [<i>qualifier_name</i>]</b>
Explanation:	The data map name in the source definition Metadata Extensions has been overridden in the session properties to the value shown.
User Response:	No response is required.
<b>PWXPC_10023</b>	<b><i>reader</i> prepared SQL statement [<i>SQL_statement</i>] for the group [<i>group</i>] in Source Qualifier [<i>qualifier_name</i>] for partition <i>partition_number</i></b>
Explanation:	The prepared SQL statement for the source qualifier is shown.
User Response:	No response is required.
<b>PWXPC_10024</b>	<b>Partition [<i>partition_number</i>] initialized successfully</b>
Explanation:	The partition has successfully initialized.
User Response:	No response is required.
<b>PWXPC_10025</b>	<b>Cannot get the field projection information for the source <i>source_name</i>.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.

<b>PWXPC_10026</b>	<b><i>reader cannot get the source list for the Source Qualifier <code>qualifier_name</code>.</i></b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10027</b>	<b><i>The Source Qualifier [<code>qualifier_name</code>] has more than one source instance associated with it</i></b>
Explanation:	Multiple source definitions are connected to the same source qualifier.
User Response:	Associate only one source definition with a source qualifier.
<b>PWXPC_10028</b>	<b><i>reader cannot get the value of the attribute <code>attribute_name</code> for the Source Qualifier <code>qualifier_name</code>.</i></b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10029</b>	<b><i>reader cannot get the fields for the source <code>source_name</code>.</i></b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10030</b>	<b><i>reader will use the extraction map [<code>map_name</code>] for the Source Qualifier [<code>qualifier_name</code>]</i></b>
Explanation:	The PowerExchange CDC Reader uses extraction map <code>map_name</code> .
User Response:	No response is required.
<b>PWXPC_10031</b>	<b><i>reader prepared SQL statement [<code>sql_stmt</code>] for extracting changed data for the relational Source Qualifier [<code>qualifier_name</code>]</i></b>
Explanation:	The SQL statement prepared for the source qualifier is displayed.
User Response:	No response is required.
<b>PWXPC_10032</b>	<b><i>An invalid extraction map name was provided for the source <code>source_name</code> of Source Qualifier <code>qualifier_name</code>.</i></b>
Explanation:	One of the following errors occurred: <ul style="list-style-type: none"> <li>• The extraction map in the session properties for the specified source is missing.</li> <li>• The extraction map name is not a valid extraction map name or is not the correct name for the source.</li> </ul>
User Response:	Perform one of the following actions: <ul style="list-style-type: none"> <li>• Specify an extraction map in the session properties.</li> <li>• Specify a valid extraction map name.</li> </ul>
<b>PWXPC_10033</b>	<b><i>Invalid filter string [<code>filter</code>] specified for Source Qualifier [<code>qualifier_name</code>]</i></b>
Explanation:	An invalid filter string is specified for the source qualifier.
User Response:	No response is required.
<b>PWXPC_10034</b>	<b><i>dispatcher cannot fetch changed data from the PowerExchange Listener. Error code: <code>return_code</code>.</i></b>
Explanation:	The Integration Service could not extract data from the PowerExchange Listener.

User Response: See the PWXPC\_10035 messages in the session log for more information about the error cause.

**PWXPC\_10035 Error message: [error\_msg]**

Explanation: The error message returned from PowerExchange is contained in *error\_msg*. PWXPC\_10035 is issued for each message returned by PowerExchange. The PowerExchange message number is included in *error\_msg*.

User Response: If necessary, see the PowerExchange messages manual to determine the error cause.

**PWXPC\_10036 *dispatcher cannot connect to the PowerExchange Listener. Error code: return\_code.***

Explanation: The Integration Service could not connect to the PowerExchange Listener.

User Response: See the PWXPC\_10035 messages in the session log for more information about the error cause.

**PWXPC\_10037 *dispatcher cannot create the transaction statement. Error code: return\_code.***

Explanation: Internal error.

User Response: See the PWXPC\_10035 messages in the session log for more information about the error cause. Contact Informatica Global Customer Support.

**PWXPC\_10038 *dispatcher encountered an error in executing the transaction statement. Error code [return\_code]***

Explanation: Internal error.

User Response: See the PWXPC\_10035 messages in the session log for more information about the error cause. Contact Informatica Global Customer Support.

**PWXPC\_10039 *dispatcher cannot bind the columns for the transaction statement. Error code return\_code.***

Explanation: Internal error.

User Response: See the PWXPC\_10035 messages in the session log for more information about the error cause. Contact Informatica Global Customer Support.

**PWXPC\_10040 The metadata extension attribute value [attribute] must start with a letter**

Explanation: The attribute name must start with an alphabetic character.

User Response: Correct the attribute name.

**PWXPC\_10041 The metadata extension attribute value [attribute] can only contain numbers and letters**

Explanation: The attribute name contains characters that are not alpha numeric characters.

User Response: Correct the attribute name.

**PWXPC\_10042 The metadata extension attribute 'AccessMethod' [access\_method\_value] is not valid for the source source\_name.**

Explanation: The value for the metadata extension attribute 'AccessMethod', *access\_method\_value*, is invalid in the XML file. The XML file may have been modified.

User Response: Import the repository object from a new XML file. Avoid editing the XML file before importing.

<b>PWXPC_10043</b>	<b>Invalid or duplicate group name <i>[group_name]</i> for the Extraction Map Name attribute for the Source Qualifier<i>[qualifier_name]</i></b>
Explanation:	The group name specified for the extraction map is not valid.
User Response:	Correct the session.
<b>PWXPC_10044</b>	<b>The Extraction Map Name attribute is not specified for the group <i>[group_name]</i> in the Source Qualifier<i>[qualifier_name]</i></b>
Explanation:	The extraction map is not specified for the group displayed.
User Response:	Update the session and add the extraction map name.
<b>PWXPC_10045</b>	<b>The Extraction Map Name <i>map_name</i> is not valid for source <i>source_name</i>.</b>
Explanation:	The specified extraction map is not an extraction map for the source in the mapping.
User Response:	Specify an extraction map for the source in the mapping.
<b>PWXPC_10046</b>	<b>Condense method <i>method_name1</i> doesn't match with condense method <i>method_name2</i>.</b>
Explanation:	The mapping has multiple sources but their capture registrations do not all specify the same condense method.
User Response:	In the PowerExchange Navigator, ensure that each registration for each extraction map specified uses the same condense method.
<b>PWXPC_10047</b>	<b>Condense method <i>[cond_meth]</i> is not valid. Condense Method have to be either 'Part' or 'Full'</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10048</b>	<b>Connection parameters for different sources don't match.</b>
Explanation:	The connection attribute values for the connections you specified for the sources in the session properties are not the same. If you specify connections for each source, the connection attribute values of these connections must be identical to run a session in change or real-time mode.
User Response:	Specify a connection for the first source and specify None for the rest of the sources. Multiple connections are not required when running in change or real-time mode.
<b>PWXPC_10049</b>	<b>Unable to find connection for PowerExchange CDC reader.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10051</b>	<b>A group name in the override <i>[override]</i> not matched to any projected group in the source</b>
Explanation:	The group name specified does not exist in the source.
User Response:	Correct the invalid group name specification.
<b>PWXPC_10052</b>	<b>A group name <i>[group_name]</i> in the override <i>[override]</i> is duplicated</b>
Explanation:	The group name has been specified more than once.
User Response:	Correct the duplicate group name specification.

<b>PWXPC_10053</b>	<b>The group name <i>group_name</i> in the filter <i>filter</i> is invalid.</b>
Explanation:	The group does not match any group names in the source.
User Response:	Specify a group name that matches a group name in the source.
<b>PWXPC_10054</b>	<b><i>dispatcher</i> cannot read restart tokens from the restart token file <i>file_name</i>.</b>
Explanation:	The Integration Service could not extract changed data from the source because it could not read the restart tokens from the specified restart token file.
User Response:	See the additional error message for more information.
<b>PWXPC_10055</b>	<b><i>dispatcher</i> cannot write restart tokens to the restart token file <i>file_name</i>.</b>
Explanation:	The Integration Service could not extract changed data from the source because it could not read the restart tokens from the specified restart token file.
User Response:	See the additional error message for more information.
<b>PWXPC_10056</b>	<b><i>dispatcher</i> cannot open the restart token file <i>file_name</i>.</b>
Explanation:	The Integration Service could not open the restart token file.
User Response:	See the additional error message for more information.
<b>PWXPC_10057</b>	<b><i>dispatcher</i> cannot bind the restart token control columns for the transaction statement. Error code <i>error_code</i>.</b>
Explanation:	Internal error.
User Response:	See the PWXPC_10035 messages in the session log for more information about the error cause. Contact Informatica Global Customer Support.
<b>PWXPC_10059</b>	<b>Recovery cache folder <i>cache_folder_name</i> specified for connection is invalid.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10060</b>	<b>CDC Reader <i>reader</i> failed to register for recovery.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10063</b>	<b>[<i>process_id</i>] Reader failed to flush to the recovery cache: [<i>error_message</i>]</b>
Explanation:	An error was encountered flushing the restart token information to the GMD. The error message, <i>error_message</i> , is the last messages from the GMD Cache coordinator.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10064</b>	<b>[<i>process_id</i>] Reader failed to cache the restart token to the GMD: [<i>error_message</i>]</b>
Explanation:	An error was encountered caching the restart token in the GMD. The error message, <i>error_message</i> , is the last messages from the GMD Cache coordinator.
User Response:	Contact Informatica Global Customer Support.

<b>PWXPC_10065</b>	<b>[<i>process_id</i>] Reader failed to close GMD checkpoint: [<i>error_message</i>]</b>
Explanation:	An error was encountered closing GMD checkpoint. The error message, <i>error_message</i> , is the last messages from the GMD Cache coordinator.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10066</b>	<b>[<i>process_id</i>] reader failed to enable recovery for the Source Qualifier <i>qualifier_name</i>.</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10071</b>	<b>[<i>dispatcher</i>] session ended after running for [<i>rdr_time</i>] seconds. Reader Time limit is reached</b>
Explanation:	The Integration Service stopped the session when the Reader Time Limit value, <i>rdr_time</i> , specified in the connection was reached.
User Response:	No response is required.
<b>PWXPC_10072</b>	<b>[<i>dispatcher</i>] session ended after waiting for [<i>idle_time</i>] seconds. Idle Time limit is reached</b>
Explanation:	PWXPC instructed the Integration Service to stop the session because the Idle Time value, <i>idle_time</i> , specified in the connection was reached.
User Response:	No response is required.
<b>PWXPC_10073</b>	<b>[<i>dispatcher</i>] cannot bind restart tokens. Error Code [<i>error_code</i>].</b>
Explanation:	Internal error.
User Response:	See the PWXPC_10035 messages in the session log for more information about the error cause. Contact Informatica Global Customer Support.
<b>PWXPC_10078</b>	<b>[<i>dispatcher</i>] bound restart token successfully</b>
Explanation:	PWXPC has successfully bound the restart tokens.
User Response:	No response is required.
<b>PWXPC_10079</b>	<b>[<i>dispatcher</i>] could not create the restart token file [<i>token_file</i>]</b>
Explanation:	The restart token file could not be created.
User Response:	Ensure that the Integration Service has permission to create the file and that there is sufficient space.
<b>PWXPC_10080</b>	<b>All the readers should be of one database type only</b>
Explanation:	The session contains multiple source database types and therefore multiple database readers. All source readers must be for the same database type.
User Response:	Correct the mapping.
<b>PWXPC_10081</b>	<b>[<i>dispatcher</i>] raising real-time flush with restart tokens [<i>restart1</i>], [<i>restart2</i>] because UOW Count [<i>uow_count</i>] is reached</b>
Explanation:	PWXPC has flushed change data for the CDC sources to the targets because the UOW Count, <i>uow_count</i> , specified in the CDC connection has been reached.
User Response:	No response is required.



<b>PWXPC_10082</b>	<b>[dispatcher] raising real-time flush with restart tokens [restart1], [restart2] because Real-time Flush Latency [rtf_latency] occurred</b>
Explanation:	PWXPC has flushed change data for the CDC sources to the targets because the Real-time Flush Latency, <i>rtf_latency</i> , specified in the CDC connection has been reached.
User Response:	No response is required.
<b>PWXPC_10083</b>	<b>[dispatcher] writing restart tokens [restart1], [restart2] to the restart token file [token_filename]</b>
Explanation:	PWXPC has written the restart tokens to the restart token file, <i>token_filename</i> .
User Response:	No response is required.
<b>PWXPC_10084</b>	<b>Fatal Error: [dispatcher] could not allocate memory from heap</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10085</b>	<b>dispatcher encountered an error in creating the environment object needed for connecting to PowerExchange Listener</b>
Explanation:	Internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10087</b>	<b>RestartToken File Folder <i>token_folder_name</i> specified for connection is invalid.</b>
Explanation:	The restart token file folder specified for the connection does not match a restart token file folder name on the Integration Service machine.
User Response:	Ensure that the restart token file folder you specify in the connection properties matches a restart token file folder on the Integration Service machine.
<b>PWXPC_10091</b>	<b>[PWX_msg]</b>
Explanation:	PWXPC issues this message containing the message returned from PowerExchange when the connection specifies the Retrieve PWX log entries attribute.
User Response:	No response is required.
<b>PWXPC_10092</b>	<b>Relational source [schema.tablename] is invalid. Relational sources cannot have multiple groups</b>
Explanation:	A relational source has multiple groups. The source is invalid.
User Response:	Update the relational source mapping and remove any extraneous groups.
<b>PWXPC_10093</b>	<b>The source [tablename], DB Type [db_type] is not a valid PWX source</b>
Explanation:	PWXPC encountered a table it does not recognize as a valid PowerExchange source. This is an internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_10094</b>	<b>[dispatcher] raising real-time flush with restart tokens [restart1], [restart2] because RunTime Limit [run_limit] reached</b>
Explanation:	PWXPC has flushed change data for the CDC sources to the targets because the RunTime Limit, <i>run_limit</i> , specified in the CDC connection has been reached.

User Response:	No response is required.
<b>PWXPC_10095</b>	<b>Please use one group name for [source] in the query override for Extraction Map [map_name]</b>
Explanation:	The SQL query override specified for a multi-record source contains a duplicate group name.
User Response:	Correct the query override.
<b>PWXPC_10096</b>	<b>The group name [group] in the query override for Extraction Map [map_name] is invalid</b>
Explanation:	The SQL query override specified for a multi-record source contains an unknown group name.
User Response:	Correct the query override.
<b>PWXPC_10097</b>	<b>Invalid query override string [override] specified for Source Qualifier [source_qualifier]</b>
Explanation:	The SQL query override specified is invalid.
User Response:	Correct the query override.
<b>PWXPC_10098</b>	<b>The field count [SQL_count] in the override SQL does not match the projected field count [source_count] for the source [source]</b>
Explanation:	The SQL Query override is invalid. It contains either too many or too few fields.
User Response:	Correct the query override.

## PWXPC\_11000 to PWXPC\_11099

<b>PWXPC_11001</b>	<b>Cannot get session attribute <i>session_attribute</i></b>
Explanation:	A required session attribute, <i>session_attribute</i> , has been omitted.
User Response:	The required session attribute must be supplied.
<b>PWXPC_11004</b>	<b>Session override IMS Unload file name [unload_file] is being used</b>
Explanation:	The IMS Unload File Name session property specifies file name <i>unload_file</i> .
User Response:	No response is required.
<b>PWXPC_11005</b>	<b><i>dispatcher</i> cannot open the restart token file [file_name]. System Error message [message] code [errno]</b>
Explanation:	PWXPC encountered an error attempting to open the restart token file, <i>file_name</i> . System error message, <i>message</i> , and the system error number, <i>errno</i> , indicates the failure reason.
User Response:	Correct the error indicated in the system error message and error code and then restart the task.
<b>PWXPC_11006</b>	<b><i>dispatcher</i> failure writing to restart token file [file_name]. System Error message [message] code [errno]</b>
Explanation:	PWXPC encountered an error writing to the restart token file, <i>file_name</i> . System error message, <i>message</i> , and the system error number, <i>errno</i> , indicates the failure reason.

User Response: Correct the error indicated in the system error message and error code and then restart the task.

**PWXPC\_11007** ***dispatcher* failure reading from restart token file [file\_name]. System Error message [message] code [errno]**

Explanation: PWXPC encountered an error reading from the restart token file, *file\_name*. System error message, *message*, and the system error number, *errno*, indicates the failure reason.

User Response: Correct the error indicated in the system error message and error code and then restart the task.

**PWXPC\_11008** ***dispatcher* failure deleting restart token file [file\_name]. System Error message [message] code [errno]**

Explanation: PWXPC encountered an error deleting the restart token file, *file\_name*. System error message, *message*, and the system error number, *errno*, indicates the failure reason.

User Response: Correct the error indicated in the system error message and error code and then restart the task.

## PWXPC\_12000 to PWXPC\_12099

**PWXPC\_12001** **Session validation failed. See previous messages for cause**

Explanation: The session failed to validate.

User Response: See previous messages for the cause of the error.

**PWXPC\_12002** **Requested driver for target [target] not found**

Explanation: An invalid target driver was requested.

User Response: Contact Informatica Global Customer Support.

**PWXPC\_12003** **Requested driver for group [group] not found**

Explanation: An invalid group driver was requested.

User Response: Contact Informatica Global Customer Support.

**PWXPC\_12004** **An error occurred accessing the target instance object**

Explanation: An error occurred accessing the target instance object.

User Response: Contact Informatica Global Customer Support.

**PWXPC\_12005** **An error occurred parsing a user supplied SQL statement [sql\_stmt]**

Explanation: An error occurred parsing a user supplied SQL statement.

User Response: Correct the SQL statement.

**PWXPC\_12006** **Missing or invalid values clause detected for insert statement**

Explanation: Missing or invalid values clause detected for insert statement.

User Response:	Correct the SQL statement.
<b>PWXPC_12008</b>	<b>Invalid column name [<i>column_name</i>] detected for current table in user SQL</b>
Explanation:	Invalid column name detected for table in user SQL.
User Response:	Correct the SQL statement.
<b>PWXPC_12010</b>	<b>User SQL parameter marker count [<i>parm_cnt</i>] does not match connected column count [<i>col_cnt</i>]</b>
Explanation:	User SQL parameter marker count, <i>parm_cnt</i> , does not match connected column count, <i>col_cnt</i> .
User Response:	Correct the SQL statement.
<b>PWXPC_12011</b>	<b>Set clause of user SQL for update is invalid.</b>
Explanation:	Set clause of user SQL for update is invalid.
User Response:	Correct the SQL statement.
<b>PWXPC_12012</b>	<b>User update SQL is missing a required clause (WHERE or SET).</b>
Explanation:	User SQL for update is missing a required clause, either WHERE or SET.
User Response:	Correct the SQL statement.
<b>PWXPC_12013</b>	<b>Failed to retrieve session attribute [<i>attribute</i>] (attribute id[<i>attr_id</i>]) for session [<i>session</i>]</b>
Explanation:	Failure to retrieve the indicated session attribute, <i>attribute</i> , indicates possible corruption of the plug-in XML.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12014</b>	<b>Number of Columns does not match number of Values specified for insert statement</b>
Explanation:	The number of columns does not match the number of values specified for insert statement.
User Response:	Correct the SQL statement.
<b>PWXPC_12015</b>	<b>Error message: [<i>pwx_msg</i>]</b>
Explanation:	PowerExchange has returned an error message, <i>pwx_msg</i> .
User Response:	See the <i>PowerExchange Message Reference</i> for more information.
<b>PWXPC_12016</b>	<b>Failed to create statement object. See following PWX messages for explanation</b>
Explanation:	PowerExchange encountered an error creating the statement object.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12017</b>	<b>Prepare failed for the SQL statement [<i>sql_stmt</i>]. See following PWX messages for explanation</b>
Explanation:	PowerExchange encountered an error preparing the SQL statement.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.

<b>PWXPC_12018</b>	<b>Error encountered creating the environment object needed for connecting to PowerExchange Listener</b>
Explanation:	PWXPC encountered an error in creating the environment object needed to connect to PowerExchange.
User Response:	See PWXPC_12019. Contact Informatica Global Customer Support.
<b>PWXPC_12019</b>	<b><i>error_msg</i></b>
Explanation:	PWXPC displays the message, <i>error_msg</i> , from the failure allocating the environment object.
User Response:	Verify that PowerExchange is correctly installed and available.
<b>PWXPC_12020</b>	<b>Cannot connect to PowerExchange. Error code: [err_code]. See following PWX messages for explanation</b>
Explanation:	PWXPC encountered an error connecting to PowerExchange.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12021</b>	<b>No suitable conversion was found for the internal Powercenter datatype[pc_type] to PWX datatype [pwx_type] for column [column]</b>
Explanation:	PWXPC was unable to convert PowerCenter data type <i>pc_type</i> to PowerExchange data type <i>pwx_type</i> for column <i>column</i> .
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12022</b>	<b>Bind failed for parameter [parm_num] of the SQL statement [sql_stmt]. See following PWX messages for explanation</b>
Explanation:	Bind failed for parameter number <i>parm_num</i> .
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12023</b>	<b>Encountered a conversion error [rc = rc] fetching data for field [field_num] of row [row_num] for table [tablename].</b>
Explanation:	PWXPC encountered a conversion error fetching field data. The field specification may be invalid.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12025</b>	<b>Set paramoptions call failed for the SQL statement [sql_stmt]. See following PWX messages for explanation</b>
Explanation:	Set paramoptions call failed for the SQL statement <i>sql_stmt</i> .
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12026</b>	<b>Execution of the pre session SQL [sql_stmt] failed.</b>
Explanation:	The execution of the pre-session SQL statement <i>sql_stmt</i> failed.
User Response:	Correct the SQL statement.

<b>PWXPC_12027</b>	<b>Execution of the post session SQL [sql_stmt] failed</b>
Explanation:	The execution of the post-session SQL statement <i>sql_stmt</i> failed.
User Response:	Correct the SQL statement.
<b>PWXPC_12028</b>	<b>Execution of the truncate table SQL [sql_stmt] failed.</b>
Explanation:	The execution of the truncate table SQL statement <i>sql_stmt</i> failed.
User Response:	Correct the SQL statement.
<b>PWXPC_12030</b>	<b>Commit request for the current connection failed. See following PWX messages for explanation</b>
Explanation:	The commit done by PowerExchange failed.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12031</b>	<b>Rollback request for the current connection failed. See following PWX messages for explanation</b>
Explanation:	The rollback done by PowerExchange failed.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12032</b>	<b>Describe failed for parameter [parm_num] of the SQL statement [sql_stmt]. See following PWX messages for explanation</b>
Explanation:	The describe done by PowerExchange failed
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12033</b>	<b>No key specification found for table [tablename]. Key must be specified if update or delete is required</b>
Explanation:	Table <i>tablename</i> has no key specified. Specify a key or select Insert only session option.
User Response:	Correct the session specifications.
<b>PWXPC_12034</b>	<b>Insert operation failed</b>
Explanation:	Insert operation failed.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12035</b>	<b>Update operation failed</b>
Explanation:	Update operation failed.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12036</b>	<b>Delete operation failed</b>
Explanation:	Delete operation failed.

User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12037</b>	<b>Upsert operation failed</b>
Explanation:	Upsert operation failed.
User Response:	See the PowerExchange messages displayed in PWXPC_12015 for further information about the problem cause.
<b>PWXPC_12038</b>	<b>The Upsert session attribute value [TRUE] is inconsistent with the confirm write connection attribute value [FALSE]</b>
Explanation:	Confirm Write has been disabled in the session connection.
User Response:	To use the Upsert attribute, you must specify either Confirm Write On or Asynchronous with Fault Tolerance in the Write Mode connection attribute.
<b>PWXPC_12051</b>	<b>Session override [ovr_name] with value [ovr_value] is being used</b>
Explanation:	PWXPC uses session override <i>ovr_name</i> with value of <i>ovr_value</i> .
User Response:	No response is required.
<b>PWXPC_12052</b>	<b>Session property [prop_name] with value [prop_value] is being used</b>
Explanation:	PWXPC uses session property <i>prop_name</i> with value of <i>prop_value</i> .
User Response:	No response is required.
<b>PWXPC_12053</b>	<b>SQL statement [sql_stmt] successfully prepared for sql_action</b>
Explanation:	PWXPC has prepared the SQL statement <i>sql_stmt</i> .
User Response:	No response is required.
<b>PWXPC_12054</b>	<b>Processing Pre-SQL statement [sql_stmt]</b>
Explanation:	PWXPC is processing the SQL statement <i>sql_stmt</i> .
User Response:	No response is required.
<b>PWXPC_12055</b>	<b>Processing Post-SQL statement [sql_stmt]</b>
Explanation:	PWXPC is processing the SQL statement <i>sql_stmt</i> .
User Response:	No response is required.
<b>PWXPC_12056</b>	<b>Processing Truncate SQL [sql_stmt]</b>
Explanation:	PWXPC is processing the SQL statement <i>sql_stmt</i> .
User Response:	No response is required.
<b>PWXPC_12057</b>	<b>Connecting to PowerExchange with parameters: [conn_parms]</b>
Explanation:	PWXPC has connected to PowerExchange using the connection parameters <i>conn_parms</i> .
User Response:	Processing continues.

<b>PWXPC_12058</b>	<b>[<i>process_id</i>] Unexpected data was encountered when reading the restart information from cache</b>
Explanation:	Unexpected data was encountered when reading the restart information. The cache may be corrupt.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12060</b>	<b><i>session_restart_info</i></b>
Explanation:	PWXPC displays the extraction map name, the restart1 and restart2 tokens, and the source of the tokens for each source in the session.
User Response:	No response is required.
<b>PWXPC_12062</b>	<b>[<i>process_id</i>] Error encountered reading from the GMD state table: [<i>error_message</i>]</b>
Explanation:	An error was encountered reading from the GMD state table. PWXPC displays the last error message received from the GMD cache coordinator in <i>error_message</i> .
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12063</b>	<b>[<i>process_id</i>] Error encountered parsing data from the GMD state table</b>
Explanation:	An error was encountered parsing data from the GMD state table. The state table data may be corrupt.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12064</b>	<b>[<i>process_id</i>] Error encountered resetting the GMD state table: [<i>error_message</i>]</b>
Explanation:	An error was encountered resetting the GMD state table. PWXPC displays the last error message received from the GMD cache coordinator in <i>error_message</i> .
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12065</b>	<b>[<i>process_id</i>] invalid hexadecimal representation of a restart token for Extraction Map [<i>ext_map</i>], sourced from [<i>token_src</i>] : [<i>restart1</i>] [<i>restart2</i>]</b>
Explanation:	The hexadecimal representation of the restart tokens, <i>restart1</i> and <i>restart2</i> , is invalid. The <i>ext_map</i> variable contains either a specific extraction map name or ALL(Default Begin UOW) if all sources are affected.
User Response:	If <i>token_src</i> is Restart file, correct the restart tokens specified in the restart token file and restart the session. If <i>token_src</i> contains any other value, contact Informatica Global Customer Support.
<b>PWXPC_12066</b>	<b>[<i>process_id</i>] restart tokens lengths [<i>tok_len1</i>]:[<i>tok_len2</i>] for map [<i>ext_map</i>], sourced from [<i>token_src</i>], is not consistent with previously read token lengths of [<i>len1</i>]:[<i>len2</i>]</b>
Explanation:	The hexadecimal length of the supplied restart tokens is inconsistent. PWXPC found restart tokens with hexadecimal length <i>tok_len1</i> for the restart1 token and <i>tok_len2</i> for the restart2 token. PWXPC expected <i>len1</i> and <i>len2</i> for the restart1 and restart2 tokens. The <i>ext_map</i> variable contains either a specific extraction map name or ALL(Default Begin UOW) if all sources are affected.
User Response:	If <i>token_src</i> is Restart file, correct the restart tokens specified in the restart token file and restart the session. If <i>token_src</i> contains any other value, contact Informatica Global Customer Support.



<b>PWXPC_12067</b>	<b>[<i>process_id</i>] The length of the restart tokens received from PWX [<i>pxw_len1</i>]:[<i>pxw_len2</i>] is inconsistent with the token lengths read during restart [<i>len1</i>]:[<i>len2</i>]</b>
Explanation:	The length of the restart tokens read from PowerExchange is inconsistent with the token lengths read during restart. PowerExchange supplied a hexadecimal length of <i>pxw_len1</i> for the restart 1 token and <i>pxw_len2</i> for the restart2 token. PWXPC expected <i>len1</i> and <i>len2</i> for the restart1 and restart2 tokens.
User Response:	Correct the contents of the restart token file.
<b>PWXPC_12068</b>	<b>[<i>process_id</i>] Last restart tokens read at reader termination : Restart 1 [<i>restart1</i>] : Restart 2 [<i>restart2</i>]</b>
Explanation:	During reader termination, PWXPC displays the last read restart token values. Depending upon the reason for reader termination, the changed data represented by these restart tokens may not be committed to the targets.
User Response:	No response is required.
<b>PWXPC_12069</b>	<b>[<i>process_id</i>] Running in recovery mode. Reader will resend the oldest uncommitted UOW to resync targets: from: Restart 1 [<i>beg_restart1</i>] : Restart 2 [<i>beg_restart2</i>] to: Restart 1 [<i>end_restart1</i>] : Restart 2 [<i>end_restart2</i>].</b>
Explanation:	PWXPC is running in recovery mode and needs to re-synchronize the targets with the oldest uncommitted unit of work. PWXPC requests PowerExchange to send all data between tokens <i>beg_restart1</i> : <i>beg_restart2</i> and <i>end_restart1</i> : <i>end_restart2</i> .
User Response:	No response is required.
<b>PWXPC_12070</b>	<b>[<i>process_id</i>] Recovery complete. Next session will restart at: Restart 1 [<i>restart1</i>] : Restart 2 [<i>restart2</i>].</b>
Explanation:	PWXPC has completed recovery and updated the state table or file with the ending restart tokens, <i>restart1</i> and <i>restart2</i> . The recovery session ends.
User Response:	No response is required.
<b>PWXPC_12071</b>	<b>[<i>process_id</i>] Error encountered writing to the GMD state table: [<i>error_message</i>]</b>
Explanation:	An error was encountered writing to the GMD state table. PWXPC displays the last error message received from the GMD cache coordinator in <i>error_message</i> .
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12072</b>	<b>[<i>process_id</i>] Recovery is not enabled for session. Restart cannot be guaranteed</b>
Explanation:	You did not enable a resume recovery strategy for a CDC session.
System Action:	Processing continues, but PWXPC does not guarantee that future restart processing is accurate because recovery has not been requested.
User Response:	Change the CDC session and select <b>Resume from last checkpoint</b> for the Recovery Strategy attribute on the session Properties tab.
<b>PWXPC_12075</b>	<b>[<i>process_id</i>] Session complete. Next session will restart at: Restart 1 [<i>restart1</i>] : Restart 2 [<i>restart2</i>]</b>
Explanation:	PWXPC reader has completed and displays the final restart tokens that are used for the next warm start.

User Response:	No response is required.
<b>PWXPC_12080</b>	<b>Unable to expand session attribute <i>attr_name</i></b>
Explanation:	PWXPC failed to expand a session attribute.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12081</b>	<b>Unable to expand session attribute [<i>attr_name</i>] (attribute id[<i>attr_id</i>]) for session [<i>session</i>]</b>
Explanation:	PWXPC failed to expand session attribute <i>attr_name</i> .
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12082</b>	<b>Attempt to detect if group is projected failed. Source [<i>source</i>] ; Group [<i>group</i>]</b>
Explanation:	PWXPC could not detect projected groups. This is an internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12083</b>	<b>More than one DSQ contains projected groups and MergeCDCReaders is active</b>
Explanation:	This is an internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12084</b>	<b>Merged DSQ not found and MergeCDCReaders is active</b>
Explanation:	This is an internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12085</b>	<b>Original Source for a Merged DSQ not found</b>
Explanation:	This is an internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12086</b>	<b>Failed to retrieve the original Source for a Merged DSQ [<i>dsq_name</i>]</b>
Explanation:	This is an internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12087</b>	<b>Failed to retrieve the field list for the derivating Source for a Merged DSQ [<i>dsq_name</i>]</b>
Explanation:	This is an internal error.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12088</b>	<b>Server flag MergeCDCReaders is set. All CDC Sources will be read in a single partition</b>
Explanation:	Custom property MergeCDCReaders=Yes is specified.
User Response:	No response is required.
<b>PWXPC_12089</b>	<b>Server flag SingleThreadExecutionModel is set. Data from CDC Sources will not be repartitioned in the session</b>
Explanation:	Custom property SingleThreadExecutionModel=Yes is specified.
User Response:	No response is required.

<b>PWXPC_12091</b>	<b>[process_id] Cold start requested</b>
Explanation:	Cold start has been requested.
User Response:	No response is required.
<b>PWXPC_12092</b>	<b>[process_id] Warm start requested. Targets will be resynchronized automatically if required</b>
Explanation:	Warm start has been requested. If necessary, PWXPC performs recovery and continues session execution.
User Response:	No response is required.
<b>PWXPC_12093</b>	<b>[process_id] Recovery run requested. Targets will be resynchronized if required and processing will terminate</b>
Explanation:	Recovery has been requested. If necessary, PWXPC performs recovery and ends the session.
User Response:	No response is required.
<b>PWXPC_12094</b>	<b>[process_id] Advanced GMD recovery in effect. Recovery is automatic.</b>
Explanation:	PWXPC uses advanced GMD recovery and automatically recovers the session.
User Response:	No response is required.
<b>PWXPC_12096</b>	<b>[process_id] Targets are in consistent state. No recovery required.</b>
Explanation:	During restart initialization processing, PWXPC has determined that recovery is not required.
User Response:	No response is required.
<b>PWXPC_12097</b>	<b>[process_id] An error was encountered setting the GMD application ID: [error_msg]</b>
Explanation:	An error was encountered setting the GMD application ID.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12098</b>	<b>[process_id] Unable to establish restart points for recovery.</b>
Explanation:	PWXPC is unable to establish restart points for recovery because the session state data is corrupt.
User Response:	Update the restart token file with the restart tokens from the termination restart token file from the last successful session and cold start the session.
<b>PWXPC_12099</b>	<b>[process_id] Read state length returned: status=[status_code] : cache status=[cache_code] : Length=[len]</b>
Explanation:	PWXPC displays information returned from reading the state data from the state table.
User Response:	No response is required.

## PWXPC\_12100 to PWXPC\_12199

<b>PWXPC_12100</b>	<b>[process_id] Read state info length returned: status=[status_code] : cache status=[cache_code] : Length=[len]</b>
Explanation:	PWXPC displays information returned from reading the state data from the state file.
User Response:	No response is required.
<b>PWXPC_12101</b>	<b>[process_id] Realtime stop requested. Initiating end of file processing</b>
Explanation:	The Integration Service has requested that PWXPC stop gracefully.
User Response:	No response is required.
<b>PWXPC_12102</b>	<b>[process_id] raising real-time flush with restart tokens [restart1], [restart2] at end of CDC stream</b>
Explanation:	PowerExchange has indicated that the end of the change stream has been reached. The end of the change stream occurs when either the Idle Time is reached or the end of the last condense file is reached for PWX CDC Change connections. PWXPC flushes the restart tokens to the state table or state file.
User Response:	No response is required.
<b>PWXPC_12103</b>	<b>[process_id] raising real-time flush with restart tokens [restart1], [restart2] at end of recovery</b>
Explanation:	During recovery, PWXPC reads the last uncommitted unit of work and flushes the changed data to the targets.
User Response:	No response is required.
<b>PWXPC_12104</b>	<b>[process_id] raising real-time flush to flush initial restart tokens to the target</b>
Explanation:	During initialization, PWXPC determined that the reconciled restart tokens for all sources differs from what is currently recorded in the state table or state file. In this case, PWXPC commit the reconciled restart tokens to the state table or state file.
<b>PWXPC_12105</b>	<b>[process_id] A token read from restart file exceeds maximum allowed length [max_len].</b>
Explanation:	A restart token read from restart token file exceeds maximum allowed length.
User Response:	Correct the data in the restart token file and restart the session.
<b>PWXPC_12106</b>	<b>[process_id] Expected restart token assignment not found for table [tablename].</b>
Explanation:	PWXPC did not find the expected restart token assignment for the table <i>tablename</i> .
User Response:	Correct the data in the restart token file and restart the session.
<b>PWXPC_12107</b>	<b>[process_id] Restart token [restart_token] specification exceeds the maximum allowed length [max_len].</b>
Explanation:	Restart token length exceeded the maximum allowed length.
User Response:	Correct the data in the restart token file and restart the session.

<b>PWXPC_12108</b>	<b>[<i>process_id</i>] Malformed override encountered reading from the restart file.</b>
Explanation:	The format of the special override statement in the restart token file is incorrect. Both RESTART1 and RESTART2 must be specified.
User Response:	Correct the data in the restart token file and restart the session.
<b>PWXPC_12109</b>	<b>[<i>process_id</i>] Unpaired restart specification encountered for table [<i>tablename</i>] while reading from the restart file.</b>
Explanation:	The format of the explicit override statement in the restart token file is incorrect. Both <i>restart1</i> and <i>restart2</i> token values must be specified for the table.
User Response:	Correct the data in the restart token file and restart the session.
<b>PWXPC_12110</b>	<b>[<i>process_id</i>] Table [<i>tablename</i>] specified in the restart file is not a source in this session.</b>
Explanation:	A table specified in the restart token file is not a source in this session.
User Response:	Correct the data in the restart token file and restart the session.
<b>PWXPC_12111</b>	<b>[<i>process_id</i>] The application name [<i>app_name</i>] length [<i>app_length</i>] exceeds the maximum allowed of <i>max_len</i> bytes.</b>
Explanation:	The application name, <i>app_name</i> , specified in the connection exceeds the maximum allowed length for application names.
User Response:	Correct the application name and restart the session.
<b>PWXPC_12112</b>	<b>The application name [<i>app_name</i>] contains invalid characters. Allowed characters are alphanumerics and _#\$%</b>
Explanation:	The application name, <i>app_name</i> , specified in the connection contains invalid characters.
User Response:	Correct the application name and restart the session.
<b>PWXPC_12113</b>	<b>[<i>process_id</i>] Stop immediate detected.</b>
Explanation:	The Integration Service requested that PWXPC stop.
User Response:	No response is required.
<b>PWXPC_12114</b>	<b>[<i>process_id</i>] Wait for GMD checkpoint failed: [<i>error_message</i>]</b>
Explanation:	An error was encountered waiting on a GMD checkpoint. Target resources may be locked or unavailable.
User Response:	If the problem persists, contact Informatica Global Customer Support.
<b>PWXPC_12115</b>	<b>Unable to map the insert column [<i>column_name</i>] to an update parameter as the column is not bound in the update.</b>
Explanation:	PWXPC is unable to map the indicated insert column to an update parameter as the column is not included in the update SQL. The Upsert option is ignored and processing continues.
User Response:	Correct the update SQL statement.

<b>PWXPC_12116</b>	<b>Unable to map the insert column <i>[column_name]</i> to an update parameter as the column is bound more than once in the update.</b>
Explanation:	PWXPC is unable to map the indicated insert column to an update parameter as the column is included more than once in the update SQL statement. The Upsert option is ignored and processing continues.
User Response:	Correct the update SQL statement.
<b>PWXPC_12117</b>	<b>Unable to map the update column <i>[column_name]</i> to an insert parameter as the column is not bound in the insert.</b>
Explanation:	PWXPC is unable to map the indicated update column to an insert parameter as the column is not included in the insert SQL statement. The Upsert option is ignored and processing continues.
User Response:	Correct the insert SQL statement.
<b>PWXPC_12118</b>	<b>Unable to map the update column <i>[column_name]</i> to an insert parameter as the column is bound more than once in the insert.</b>
Explanation:	PWXPC is unable to map the indicated update column to an insert parameter as the column is included more than once in the insert SQL statement. The Upsert option is ignored and processing continues.
User Response:	Correct the insert SQL statement.
<b>PWXPC_12119</b>	<b>The insert column <i>[column_name]</i> will be mapped to update parameter <i>[upd_position]</i> for Upsert processing.</b>
Explanation:	The insert column, <i>column_name</i> , is mapped to the column in position <i>upd_position</i> in the update SQL statement.
User Response:	No response is required.
<b>PWXPC_12120</b>	<b>The update column <i>[column_name]</i> will be mapped to insert parameter <i>[ins_position]</i> for Upsert processing.</b>
Explanation:	The update column, <i>column_name</i> , is mapped to the column in position <i>ins_position</i> in the insert SQL statement.
User Response:	No response is required.
<b>PWXPC_12121</b>	<b>Upsert processing has been disabled due to previous errors.</b>
Explanation:	The Upsert option is disabled.
User Response:	No response is required.
<b>PWXPC_12122</b>	<b>Commit on EOF attribute for session must be disabled to guarantee restart.</b>
Explanation:	To guarantee that proper restart processing occurs, the PWXPC CDC reader must control commit processing to the targets. However, the <b>Commit On End Of File</b> option is enabled. When this option is enabled and a CDC sessions ends, PowerCenter performs a final commit after the PWXPC CDC reader has ended. This final commit can failure or duplicate data when the CDC session is restarted because the restart tokens do not match the state of the targets.
System Action:	Processing continues.
User Response:	Disable the <b>Commit On End Of File</b> attribute on the Properties tab of the CDC session.

<b>PWXPC_12123</b>	<b>Failed creating statement object while fetching current restart information. See following PWX messages for explanation</b>
Explanation:	PowerExchange failed to create the statement object.
System Action:	Processing terminates.
User Response:	Review the PowerExchange messages in the session log to determine the cause of the failure. For additional assistance, contact Informatica Global Customer Support.
<b>PWXPC_12124</b>	<b>Failed executing statement object while fetching current restart information. See following PWX messages for explanation</b>
Explanation:	PowerExchange failed to execute the statement object.
System Action:	Processing terminates.
User Response:	Review the PowerExchange messages in the session log to determine the cause of the failure. For additional assistance, contact Informatica Global Customer Support.
<b>PWXPC_12125</b>	<b>Failed to fetch any current restart information.</b>
Explanation:	PowerExchange failed to fetch any current restart information.
System Action:	Processing terminates.
User Response:	Examine the PowerExchange logs at the location of the data source for the cause. For additional assistance, contact Informatica Global Customer Support.
<b>PWXPC_12126</b>	<b>Failed creating connection object while fetching current restart information. See following PWX messages for explanation</b>
Explanation:	PowerExchange failed to create the connection object. Processing terminates.
User Response:	Review the PowerExchange messages in the session log to determine the cause of the failure. For additional assistance, contact Informatica Global Customer Support.
<b>PWXPC_12127</b>	<b>Failed opening the PWX connection while fetching current restart information. See following PWX messages for explanation</b>
Explanation:	PowerExchange failed to open the connection to the remote PowerExchange.
System Action:	Processing terminates.
User Response:	Review the PowerExchange messages in the session log to determine the cause of the failure. For additional assistance, contact Informatica Global Customer Support.
<b>PWXPC_12128</b>	<b>[dispatcher] raising real-time flush with restart tokens [restart1], [restart2] because Maximum Rows Per commit [commit_count] is reached</b>
Explanation:	PWXPC has flushed change data for the CDC sources to the targets because the Maximum Rows Per commit, <i>commit_count</i> , specified in the CDC connection has been reached.
User Response:	No response is required.
<b>PWXPC_12129</b>	<b>[process_id] Restart entry for [table_name] in the GMD restart information matches no source for this session. When adding or removing sources perform recovery to retrieve existing restart information followed by cold start.</b>
Explanation:	Table <i>table_name</i> is recorded in the GMD state restart information for this session. However, this table did not match any source in this session.

System Action:	Processing terminates.
User Response:	<p>When adding or removing sources in CDC session, you must do the following:</p> <ol style="list-style-type: none"> <li>1. Run recovery on the original session to populate the restart token file.</li> <li>2. Alter the session to add or remove the source or target table.</li> <li>3. If adding a source table, update the restart token file to provide restart tokens for the new source.</li> <li>4. Cold start the session.</li> </ol>
<b>PWXPC_12130</b>	<b>[<i>process_id</i>] Source table [<i>table_name</i>] has no matching restart information in the GMD restart information. When adding or removing sources perform recovery to retrieve existing restart information followed by cold start.</b>
Explanation:	Table <i>table_name</i> has no matching restart information in either the GMD state or the restart file.
System Action:	Processing terminates.
User Response:	<p>When adding or removing sources in CDC session, you must do the following:</p> <ol style="list-style-type: none"> <li>1. Run recovery on the original session to populate the restart token file.</li> <li>2. Alter the session to add or remove the source or target table.</li> <li>3. If adding a source table, update the restart token file to provide restart tokens for the new source.</li> <li>4. Cold start the session.</li> </ol>
<b>PWXPC_12131</b>	<b>[<i>process_id</i>] A warm start was requested and no restart information was found in the GMD. Cold start must be performed to initialize the GMD restart information.</b>
Explanation:	You requested a warm start for a CDC session. PWXPC found no entry in the GMD state that matched the task instance ID and the application name specified in the CDC connection.
System Action:	Processing terminates.
User Response:	<p>If this is a new CDC session that has not been previously run, you must use cold start. If you have modified the session and specified the incorrect application name in the CDC connection, correct it and restart the session. If you have modified the session to add or remove sources, then you must do the following:</p> <ol style="list-style-type: none"> <li>1. Run recovery on the original session to populate the restart token file.</li> <li>2. Alter the session to add or remove the source or target table.</li> <li>3. If adding a source table, update the restart token file to provide restart tokens for the new source.</li> <li>4. Cold start the session.</li> </ol>
<b>PWXPC_12132</b>	<b>Using Real-time Flush Latency of [<i>rtf_latency</i>] milliseconds.</b>
Explanation:	PWXPC uses the <i>rtf_latency</i> value that you specified on the PWX Real Time CDC application connection for the CDC session.
User Response:	Processing continues.
<b>PWXPC_12133</b>	<b>Using Real-time Flush Latency of 2000 milliseconds.</b>
Explanation:	PWXPC uses the default value of 2000 milliseconds for the Real-time Flush Latency for the CDC session.



User Response:	Processing continues.
<b>PWXPC_12134</b>	<b>Real-time Flush Latency disabled.</b>
Explanation:	You specified -1 for the Real-time Flush Latency value on the PWX Real Time CDC application connection for the CDC session. This value disables this option and so PWXPC does not use latency time to flush change data to the targets.
System Action:	Processing continues.
User Response:	If you want to flush change data to the targets using latency time, specify a non-negative value for the Real-time Flush Latency attribute. Otherwise, PWXPC uses the other commitment control attributes to control the flushing of change data to the targets.
<b>PWXPC_12135</b>	<b>Teradata PT Restart behavior requested. Real-time Flush Latency will be ignored for first commit.</b>
Explanation:	The TPTRecoveryModel custom property was set to Yes in the CDC session, which requests Teradata PT restart processing.
System Action:	When the Teradata PT restart processing is specified, PWXPC does the following: <ul style="list-style-type: none"> <li>Validates that you specified either the <b>UOW Count</b> or <b>Maximum Rows Per commit</b> attribute on the connection.</li> <li>For warm starts, disables the Real-time Flush Latency until one of the UOW Count or Maximum Rows thresholds is met.</li> <li>For warm starts, ignores any empty UOWs generated by PowerExchange restart advance until one of the UOW Count or Maximum Rows thresholds is met.</li> </ul>
User Response:	Use Teradata PT restart processing if the CDC session targets Teradata. Otherwise, do not specify the TPTRecoveryModel=Yes custom property.
<b>PWXPC_12136</b>	<b>Teradata PT Restart behavior requires that UOW Count or Maximum Rows Per commit be &gt; 0.</b>
Explanation:	The TPTRecoveryModel custom property was set to Yes in the CDC session, which requests Teradata PT restart processing. To use Teradata PT restart processing, you must specify a value greater than zero for either the <b>UOW Count</b> or the <b>Maximum Rows Per commit</b> attribute on the PWX Real Time CDC connection.
System Action:	Processing terminates.
User Response:	Either disable Teradata PT restart processing or correct the connection for the CDC session.
<b>PWXPC_12137</b>	<b>No threshold for Real-time flush specified. UOW Count, Maximum Rows Per commit, or Real-time Flush Latency must be &gt; 0.</b>
Explanation:	The connection for the CDC session has disabled all of the commitment control attributes on the PWX CDC Real Time application connection. PWXPC cannot control commit processing to the targets for the CDC session.
System Action:	Processing terminates.
User Response:	You must specify a non-negative value for at least one of <b>UOW Count</b> , <b>Maximum Rows Per commit</b> , or <b>Real-time Flush Latency</b> attributes.
<b>PWXPC_12170</b>	<b>Using Database Codepage [codepage_name][codepage_id].</b>
Explanation:	PWXPC processes data using the database code page, <i>codepage_name</i> .

User Response:	Processing continues.
<b>PWXPC_12171</b>	<b>Idle Time <i>[idle_time]</i> reset to 0 (stop at end of log) for offload processing.</b>
Explanation:	You selected <b>Offload Processing</b> in the CDC application connection for the session, and also specified a value greater than zero for the <b>Idle Time</b> attribute.
System Action:	PWXPC resets the Idle Time value to 0, which means that the CDC session stops after PowerExchange reaches the end of the change stream.
User Response:	When you use CDC offload processing, the value for the <b>Idle Time</b> attribute must either be -1 or 0. If you select -1, the CDC session continues to run until stopped. Otherwise, the CDC session ends when PowerExchange reaches the point that represented the end of the change stream when the session started.
<b>PWXPC_12172</b>	<b>Transformation <i>transformation_instance_name</i>: Different partition override values provided for <i>[partition_override_name]</i>. Each partition will be handled as an independent PWX request.</b>
Explanation:	For the specified Source Qualifier transformation, different values were entered for the specified partition override. When different override values are entered for different partitions, PowerExchange manages each partition request independently and opens a connection to the data source for each partition.
System Action:	PWXPC handles each partition as an independent PowerExchange request.
User Response:	If partitioned read operations are supported for the data source, you can increase processing efficiency by specifying the same or no override for each partition. Otherwise, no action is required.
<b>PWXPC_12173</b>	<b>PowerExchange does not support different partition overrides for <i>[connection_type_name]</i> connection type.</b>
Explanation:	Different partition override values were entered for the specified connection type. PowerExchange does not support different partition overrides for that connection type.
System Action:	Session processing stops.
User Response:	Specify the same or no override for each partition.
<b>PWXPC_12174</b>	<b>Partitioning is not supported for Transformation <i>SQ_instance name</i>. No data is read on Partition <i>partition_number</i>.</b>
Explanation:	Partitioning is not supported for the data source used with the specified Source Qualifier transformation.
System Action:	Processing continues. PowerExchange reads all source data into the first partition.
User Response:	To benefit from this kind of partitioning, you can specify a different partition type, such as round robin, at a repartition point near the source. Alternatively, to perform some concurrent reading of the source data, you can specify disjoint SQL overrides for each partition.
<b>PWXPC_12175</b>	<b>Source for Transformation <i>transformation</i> is reading on multiple partitions. Worker Threads option <i>option</i> will be ignored.</b>
Explanation:	When multiple partitions are used in a session, multiple worker threads cannot also be used.
System Action:	PWXPC ignores the <b>Worker Threads</b> setting, and processing continues.
User Response:	No response is required.

<b>PWXPC_12176</b>	<b>Partitioning is not supported for Transformation <i>transformation</i> with the current version of PowerExchange. An upgrade is required. Contact Informatica support.</b>
Explanation:	The PowerExchange release does not support partitioning with the data source that is associated with the specified Source Qualifier transformation.
System Action:	Session processing stops.
User Response:	Edit the session and delete all partitions except the first partition. For information about upgrading to the most recent PowerExchange release, contact Informatica Global Customer Support.
<b>PWXPC_12177</b>	<b>Transformation <i>transformation_instance_name</i>: PowerExchange does not support partition overrides different from the first partition override with the selected PWX partitioning strategy <i>strategy</i>.</b>
Explanation:	For the specified Source Qualifier transformation, <b>Single Connection</b> was specified as the <b>Partition Strategy</b> connection attribute for this session, and partition overrides for some partitions were specified that differ from the overrides for the first partition. The <b>Single Connection</b> partition strategy requires the same or no overrides for all partitions.
System Action:	Session processing stops.
User Response:	Select Overrides Driven as the partition strategy, or specify the same or no overrides for all partitions.
<b>PWXPC_12178</b>	<b>Transformation <i>transformation_instance_name</i>: Session override <i>session_override_name</i> with value <i>session_override_value</i> is being used in Partition <i>partition_number</i>.</b>
Explanation:	This message provides the override name and value that PWXPC uses for the specified partition in the session that contains the specified Source Qualifier transformation.
System Action:	PWXPC issues this message along with PWXPC_12177 in the log file.
User Response:	See the message PWXPC_12177 in the log for a suggested response to this error.
<b>PWXPC_12179</b>	<b>Transformation <i>transformation_instance_name</i>: Session override <i>session_override_name</i> with value <i>session_override_value</i> is being used.</b>
Explanation:	This message provides the override name and value that PWXPC uses in the session that contains the specified Source Qualifier transformation.
System Action:	PWXPC issues this message along with PWXPC_12177 in the log file.
User Response:	See the message PWXPC_12177 in the log for a suggested response to this error.
<b>PWXPC_12180</b>	<b><i>transformation_instance_name</i>: Connection failed. Trying to reconnect within the specified connection retry period <i>connection_retry_period</i>.</b>
Explanation:	The connection failed for the specified Source Qualifier transformation.
System Action:	PWXPC tries to reconnect for the number of seconds specified in the Connection Retry Period connection attribute.
User Response:	No response is required.
<b>PWXPC_12181</b>	<b>Error in initializing the transformation [<i>transformation_instance_name</i>]:<i>[error message]</i></b>
Explanation:	An error occurred initializing a transformation instance in a mapping for a PowerExchange bulk data movement session.
System Action:	The session ends.

User Response: Contact Informatica Global Customer Support.

**PWXPC\_12182 Offloading is not enabled or not supported for the target [target\_instance\_name]. Partitioning cannot be supported.**

Explanation: Partitioning for a bulk data movement session failed because offload processing is not enabled or is not supported for the processing needed.

System Action: The session ends.

User Response: Based on the target type and whether the data processing can be offloaded, either enable offload processing or do not use it.

**PWXPC\_12183 PowerExchange writer partitioning supports insert operations only. Run the session again without partitions for updates or deletes.**

Explanation: In a PowerExchange bulk data movement session that uses writer partitioning, the writer partitions received data that contains SQL update and delete operations. Writer partitions can process inserts only.

System Action: The bulk data movement session fails.

User Response: Disable writer partitioning for the bulk data movement session and then run the session again.

**PWXPC\_12184 PowerExchange WRT\_ERROR\_HANDLING option is turned on. Refer to PowerExchange message logs for full error messages.**

Explanation: The WRT\_ERROR\_HANDLING statement is set to Y in the PowerExchange dbmover.cfg file on the PowerCenter Integration Service machine. This setting causes errors returned from the PowerExchange Listener for bulk data movement sessions that use writer partitions to be handled more efficiently when the **Write Mode** connection attribute is set to **Confirm Write On**. This setting is usually specified when input data for the writer partitions contains many errors.

System Action: The bulk data movement session continues. If errors occur, PWXPC writes full error messages with more detailed information to the session log and PowerExchange message log file on the PowerCenter Integration Service machine.

User Response: To diagnose any errors, review the full error messages. After you correct the problem, run the session again. If you do not want to use the WRT\_ERROR\_HANDLING=Y setting for a bulk data movement session, you can override this setting in the **PWX Override** attribute on the PWX NRDB Batch application connection.

**PWXPC\_12185 Transformation transformation\_instance\_name Group group\_name PowerExchange option option\_name is set to value with return code PowerExchange\_return\_code.**

Explanation: In the session that contains the specified transformation and includes a multiple-group source or target, the indicated option is set to the indicated value for the indicated group.

System Action: Processing continues.

User Response: No response is required.

<b>PWXPC_12186</b>	<b>Transformation <i>transformation_instance_name</i>: Multiple groups is only supported with an override value specified in <i>session_override_name</i></b>
Explanation:	In the session that contains the specified transformation and includes a multiple-group source or target, no value was provided for the indicated session property. For example, if the session performs a multiple-record write to an IMS unload file, you must specify the unload file name for the <b>IMS Unload File Name</b> session property.
System Action:	Processing terminates.
User Response:	Enter a value for the indicated session property.
<b>PWXPC_12187</b>	<b>Transformation <i>transformation_instance_name</i>: Partitions are not supported with the option <i>option_name</i> set to <i>option_value</i></b>
Explanation:	<p>In the session that contains the specified transformation, partitions are defined but are not supported when the indicated option has the indicated value.</p> <p>For example, You cannot use partitions in a PowerCenter session that performs multiple-record reads or writes. You enable multiple-record writes in a session by selecting <b>Use Sequence Fields</b> and <b>Multi-Record Data Maps</b> in the <b>Import from PowerExchange</b> dialog box when you import the source and target definitions.</p>
System Action:	Processing continues.
User Response:	Disable partitioning for the session.
<b>PWXPC_12188</b>	<b>Transformation <i>transformation_instance_name</i>: Asynchronous PowerExchange writer is still processing data from cache.</b>
Explanation:	This message indicates that in the session that contains the specified target, PowerExchange is still processing data from the cache and writing it to the target data during a multiple-record write operation.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXPC_12189</b>	<b>Cumulative statistics for Transformation <i>transformation_instance_name</i> across all groups: Rows Requested <i>rows_requested</i>, Rows Applied <i>rows_applied</i>, Rows Rejected <i>rows_rejected</i>.</b>
Explanation:	<p>For sessions that perform multiple-record writes, PWXPC issues this message and PWXPC_12189 periodically to report the progress of fetching rows from the cache and writing them to the target. The message displays following statistics:</p> <ul style="list-style-type: none"> <li>• <i>rows_requested</i> is the number of rows that PWXPC has passed to the sequencing and queuing cache.</li> <li>• <i>rows_applied</i> is the number of rows that have been successfully read from the sequencing and queuing cache.</li> <li>• <i>rows_rejected</i> is the number of rows that were rejected as orphans. Orphans are records for which no record exists in the cache with a primary key that matches the foreign key of the orphan.</li> </ul> <p>Because multiple-record writes require the <b>Confirm Write Off</b> target connection setting, these writes are asynchronous with respect to PowerCenter. Depending on input data to the writer, row statistics reported in the session log and Workflow Monitor might not always reflect the number of rows that have actually been written to the target.</p>
System Action:	Processing continues.

User Response:	No response is required.
<b>PWXPC_12190</b>	<b>Transformation <i>transformation_instance_name</i>: A permanent error has been encountered in PowerExchange: <i>PowerExchange_error_message</i></b>
Explanation:	In the session that contains the specified transformation, the specified permanent error occurred.
System Action:	Processing terminates.
User Response:	See the description of the specified error message. For additional information, contact Informatica Global Customer Support.
<b>PWXPC_12191</b>	<b>The session is running with PowerExchange version <i>version_number</i></b>
Explanation:	The PowerCenter session is running with the indicated PowerExchange version.
User Response:	No response is required.
<b>PWXPC_12192</b>	<b>List of PowerExchange features <i>name/value_pairs</i></b>
Explanation:	Each listed PowerExchange feature has one of the following values: <ul style="list-style-type: none"> <li>• ON. The feature is enabled.</li> <li>• OFF. The feature is disabled.</li> <li>• UNSUPPORTED. The feature is not supported for this combination of PowerExchange and PWXPC.</li> </ul>
User Response:	No response is required. You can enable or disable a supported feature by using the PWX Override connection attribute. For more information, see <i>PowerExchange Interfaces for PowerExchange</i> .
<b>PWCPC_12193</b>	<b>The specified override value <i>value</i> can not be applied to feature <i>option</i>.</b>
Explanation:	The specified override value is not supported for the indicated feature.
System Action:	Processing continues. The override value is not applied.
User Response:	In the PWX Override attribute for the connection, verify that the feature option is supported for the versions of PWXPC and PowerExchange that you are using and has a valid value. For more information, see <i>PowerExchange Interfaces for PowerExchange</i> .
<b>PWXPC_12194</b>	<b>Domain and node address information could not be set in PowerExchange.</b>
Explanation:	An internal error occurred.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXPC_12195</b>	<b>One or more characters in the password is not supported by PowerExchange.</b>
Explanation:	A z/OS RACF password phrase (pass phrase) was entered as a password in a PowerExchange interface. The pass phrase included characters that are not valid. PowerExchange supports only the following characters in a pass phrase: uppercase letters A-Z, lowercase letters a-z, the numbers 0 through 9, and the special characters ` - ; # \ , . / ! % & * ( ) _ + { } : @   < > ? .
User Response:	If you entered the pass phrase incorrectly, correct the password to include only valid pass phrase characters.

## CHAPTER 11

# Abend, Return, and Reason Codes in PowerExchange Messages

This chapter includes the following topics:

- [Abend, Return, and Reason Codes Overview, 527](#)
- [IBM Product Return and Reason Codes, 528](#)
- [PowerExchange Abend Codes, 528](#)
- [PowerExchange Return Codes, 529](#)
- [PowerExchange Reason Codes, 532](#)

## Abend, Return, and Reason Codes Overview

Some PowerExchange messages include one or more codes that provide additional information. For example, a message may include a return code to indicate whether a component or utility ran successfully. In the following example, return code 0 indicates that the relevant component completed execution with no errors:

```
PWXEDM172302I Subtask terminating for program=EDMMLRP1,  
Return code=X'00000000' (0) Reason=X'00000000' (0).
```

You can receive the following types of codes in PowerExchange messages:

- Abend codes
- Return codes
- Reason codes

For each code type, this appendix lists the codes in groups, based on the PowerExchange components that generate the codes.

# IBM Product Return and Reason Codes

Some return and reason codes provided by PowerExchange are created by the z/OS operating system or by another IBM product. For explanations of these codes, see the appropriate IBM z/OS, IMS, VSAM, or DB2 documentation. Examples of IBM documents that contain explanations of return codes include:

- *DFSMS: DFSMSdfp Diagnosis*
- *z/OS Programming: Authorized Assembler Services Guide*
- *z/OS Programming: Authorized Assembler Services Reference*
- *IMS Messages and Codes*
- *DB2 for z/OS Messages*
- *DB2 for z/OS Codes*

## PowerExchange Abend Codes

Abend codes provide a notice that the system abnormally terminated. Some PowerExchange components issue a single abend code for all abends. Other components issue different abend codes with each abend message also providing a reason code that explains the abend. PowerExchange also issues abend codes that are created by the z/OS operating system or another IBM product. For explanations of these abend codes, see the appropriate IBM z/OS, IMS, VSAM, or DB2 documentation.

### Abend Code U0001 - PowerExchange Agent

The PowerExchange Agent issues a user abend code of U0001 to indicate that the PowerExchange Agent encountered an unrecoverable error.

The PowerExchange Agent also issues a related reason code when it issues the abend code. In addition, the PowerExchange Agent always issues message PWXEDM172012E before issuing the message containing the abend code and the related reason code.

The following table describes the related reason codes for abend code U0001:

Reason Code	Explanation
00000001	The PowerExchange Agent detected an invalid initialization work area (EDMSIWRK) or pointer.
00000002	The PowerExchange Agent detected an invalid agent global control area (EDMSCTRL) or pointer.
00000003	The PowerExchange Agent detected an invalid ACB or pointer.
00000004	The PowerExchange Agent detected an invalid RPL or pointer.
00000005	The PowerExchange Agent detected an invalid SUBSYS I/O work area (EDMSSIOW) or pointer.
00000006	The PowerExchange Agent detected an invalid subtask work area (EDMSSTSK) or pointer.
00000007	The PowerExchange Agent detected a corrupted storage area chain.
00000101	The PowerExchange Agent detected a zero length SUBSYS I/O PUT request.



Reason Code	Explanation
00000102	The PowerExchange Agent could not find a SUBSYS I/O buffer.
00000103	The PowerExchange Agent detected a locate mode SUBSYS I/O PUT request.
00000201	The PowerExchange Agent did not pass any parameters to the lock manager.
00000202	The PowerExchange Agent passed a bad function code or operand to the lock manager.
00000203	The lock manager could not obtain storage.
00000204	The PowerExchange Agent passed an invalid ASCB and/or TCB address to the lock manager.
00000205	The PowerExchange Agent made a request for a lock that was lower in the lock hierarchy than a lock already being held.
00000301	The Batch VSAM ECCR requested termination of the job.

The PowerExchange Logger may also issue a related reason code when it issues the abend code. The PowerExchange Logger generates this code based on the number or name of the module issuing the abend and the message number of the message that describes the abend in more detail.

## Abend Code U0356 - Batch VSAM ECCR

The Batch VSAM environmental change capture routine (ECCR) issues the U356 abend code to indicate that Batch VSAM ECCR abended.

## Abend Code U3035 - PowerExchange Logger

The PowerExchange Logger for z/OS issues the U3035 user abend code to indicate the PowerExchange Logger abended.

## Abend Code U3680 - DB2 ECCR

The DB2 environmental change capture routine (ECCR) issues the U3680 user abend code to indicate the DB2 ECCR abended.

The DB2 ECCR usually issues a related reason code. The DB2 ECCR generates this reason code based on the number or name of the module that issues the abend, and the message number of the message that describes the abend in more detail. If your system abends, make a note of this abend-related reason code.

# PowerExchange Return Codes

After you run a PowerExchange job that provides a return code, the system logs that return code to an output file or prints it to a device. You can receive standard return codes, common return codes, or component specific return codes.

Some return codes provided by PowerExchange are created by the z/OS operating system or another IBM product. For explanations of these return codes, see the appropriate IBM z/OS, IMS, VSAM, or DB2 documentation.

## Return Codes 0 to 12 - Standard

Lists values for the standard return codes. The return code values increase as the degree of severity increases.

The following table describes return codes 0 to 12:

Return Code	Explanation
0	Indicates successful execution of the program, component, or module without warnings or errors.
4	Indicates one of the following <ul style="list-style-type: none"><li>- The program, component, or module completed successfully, but the processing included warnings.</li><li>- The program execution may be incomplete.</li></ul> In either situation, the program writes the warnings to an output or print file that you can use to determine the problem. Normally, you cannot determine whether the program executed successfully without examining this file.
8	Indicates an error occurred during program, component, or module execution. The program writes the error message to an output or print file that you can examine to determine the problem.
12	Indicates the program, component, or module that ended during processing because of a severe error. Often, the error involves a problem with the operating system environment or authorization.

## Return Codes 1 to 412 - Common

Some internal components of PowerExchange use a common set of return codes. Some of these codes are the same as the standard codes but have an expanded explanation or a different explanation.

The following table lists these common return codes and provides an explanation of each code:

Decimal Return Code	Explanation
1	The requested item or function was not found.
2	The system found a duplicate of the requested function or item.
4	This is the standard return code for warnings. When issued by an PowerExchange component, it provides one of the following specific warnings: <ul style="list-style-type: none"><li>- The system is sending an end-of-file (EOF) notification to a subtask.</li><li>- The conversion buffer is too small. This is a warning.</li><li>- An ECCR passed a record from an incorrect file.</li><li>- The record came from a file that is not having data captured and propagated.</li><li>- The system tried to send captured changes to a file that is not supposed to receive captured changes.</li></ul>
12	The system must not call PowerExchange again.

Decimal Return Code	Explanation
16	A critical error occurred.
17	A security error occurred.
411	A task abnormally ended (abended).
412	The shutdown timer ended.

## Return Codes 0 to 12 - PowerExchange Agent

The PowerExchange Agent issues return codes from 0 through 12.

The following table lists the return codes that the PowerExchange Agent issues:

Decimal Return Code	Explanation
0	See <a href="#">"Return Codes 0 to 12 - Standard" on page 530</a> .
4	See <a href="#">"Return Codes 0 to 12 - Standard" on page 530</a> .
8	The PowerExchange Agent encountered a general error. The PowerExchange Agent was able to return a reason code and to display the reason code in the message with this return code. See <a href="#">"Reason Codes 001 to 255 - PowerExchange Agent" on page 533</a> for these reason codes.
12	The PowerExchange Agent encountered a severe general error. The severity of the error prevented the PowerExchange Agent from returning a reason code.

## Return Code 221: PowerExchange Logger

The following table lists the return code that the PowerExchange Logger issues:

Hexadecimal Return Code	Explanation
00DD 221	A general error occurred.

The following table lists the return codes that the Batch VSAM environmental change capture routine (ECCR) issues:

Decimal Return Code	Explanation
0	The Batch VSAM ECCR change capture module is active.
4	The specified module is initialized but is not active.
8	The specified module has not been initialized.

## Return Codes 0 to 8 - Batch VSAM ECCR

The batch VSAM environmental change capture routine (ECCR) issues return codes from 0 through 8.

The following table lists the return codes that the Batch VSAM environmental change capture routine (ECCR) issues:

Decimal Return Code	Explanation
0	The Batch VSAM ECCR change capture module is active.
4	The specified module is initialized but is not active.
8	The specified module has not been initialized.

## PowerExchange Reason Codes

Reason codes provide information about system operations or about the cause of problems. This section provides lists and explanations of reason codes that can help you or your vendor product support representative troubleshoot the failing component. The PowerExchange reason codes are listed by PowerExchange component. Some reason codes provided by PowerExchange are created by the z/OS operating system or another IBM product.

For explanations of these reason codes, see the appropriate IBM z/OS, IMS, VSAM, or DB2 documentation. Some components do not create reason codes, but display reason codes created by another component or the operating system.

For example, the copybook compiler does not create reason codes. Each reason code it displays is created by a system routine and is documented in the IBM z/OS manual cited in the message that returns the reason code.

Reason codes are written to the appropriate message log or displayed as hexadecimal or decimal values. The hexadecimal format is X'xxxxxxx' and the decimal format is (nnnnnnnn). The reason code is four bytes long. The first two bytes (four hexadecimal characters) identifying the internal module; the last two bytes (four hexadecimal characters) identifying the reason.

## Reason Codes xxxx0800 to xxxx081F - Common

Several internal components of PowerExchange use a common set of reason codes.

The following table lists these reason codes with explanations for each code:

Reason Code	Explanation
xxxx0800	A general program error occurred.
xxxx0801	An invalid function code was found.
xxxx0802	An invalid token was found.
xxxx0803	A common token was not found.

Reason Code	Explanation
xxxx0804	A GETMAIN error occurred.
xxxx0805	A DD name was not found.
xxxx0806	A program LOAD error occurred.
xxxx0807	A circular queue problem occurred.
xxxx0808	You are not authorized for this function.
xxxx0809	An OPEN failed.
xxxx080A	The component was not able to obtain the supervisory state.
xxxx080B	An error occurred while processing a FREEMAIN function.
xxxx080C	A program DELETE error occurred

**Note:** Because any module can issue these codes, the variable xxxx represents the first two bytes (four hexadecimal characters) of the reason code.

## Reason Codes 001 to 255 - PowerExchange Agent

The PowerExchange Agent issues the following types of reason codes:

- Messages that display the abend code U0001 also display a related reason code to help you determine the cause of the abend.
- Other messages display the second type of reason code to help you determine the cause of the error related to that message.

The following table describes this type of reason code:

Decimal Reason Code	Hexadecimal Reason Code	Explanation
001	001	A private STORAGE OBTAIN failed.
002	002	A private STORAGE OBTAIN for less than 16M bytes failed.
003	003	A common STORAGE OBTAIN failed.
004	004	A common STORAGE OBTAIN for less than 16M bytes failed.
005	005	MVS is not at the required SP level.
006	006	A RACROUTE AUTH call failed.
007	007	An AUTH call, which is not a RACROUTE AUTH call, failed.
008	008	An internal logic error occurred in the module that is calling the PowerExchange Agent. It did not send the correct password key.

Decimal Reason Code	Hexadecimal Reason Code	Explanation
009	009	The required PowerExchange subsystem data space does not exist.
010	00A	The PowerExchange subsystem could not be found.
011	00B	A subsystem was found, but it is not an PowerExchange subsystem.
012	00C	An attempt to load the EDMSDIR module failed.
013	00D	The EDMXCIRQ circular queue returned an error.
014	00E	The global queue does not exist.
015	00F	The calling module did not pass an PowerExchange queue handle.
016	010	The calling module passed a queue handle, but the handle has an incorrect version number or format.
017	011	The calling module did not pass an PowerExchange handle.
018	012	The calling module passed an PowerExchange handle, but the PowerExchange handle has an incorrect version number or format.
019	013	The PowerExchange subsystem initialization (EDMSINIT) has not been performed.
020	014	An PowerExchange subsystem initialization (EDMSINIT) was attempted; however, it is already initialized.
021	015	An EDMSCTRL pointer is missing or invalid.
022	016	The address space creation macro (ASCRE) failed.
023	017	The address space creation macro (ASCRE) failed because another component sent the PowerExchange Agent an invalid address space name.
024	018	The address space creation macro (ASCRE) failed because the requested resource is not available. The requesting component needs to request the resource later. If the requesting component times out before the resource is available, you may need to run the job again.
025	019	The PowerExchange Agent attempted to create the global queue; however, it already exists.
026	01A	The PowerExchange Agent is processing a DRAIN command.
027	01B	The PowerExchange Agent completed processing for a DRAIN command.
028	01C	The EDMSASIN module terminated the address space creation macro (ASCRE).
029	01D	The PowerExchange Agent received a SHUTDOWN COMPLETELY command and was completely shut down.

Decimal Reason Code	Hexadecimal Reason Code	Explanation
030	01E	A dynamic allocation (DYNALLOC) for the subsystem DD failed.
031	01F	The global queue received a request from a program with an invalid ASID.
032	020	There was a mismatch with the global queue sequence number.
035	023	The PowerExchange Agent attempted to access the PowerExchange repository and found the PowerExchange repository was not open or found the PowerExchange repository command was invalid.
036	024	The PowerExchange Agent received an invalid repository command.
037	025	An error occurred with an RIOM call.
040	028	The PowerExchange Agent found that data was truncated.
045	02D	The module currently holds or has obtained the lock.
046	02E	The module does not currently hold the lock.
047	02F	The requested lock was unavailable.
048	030	The lock is not held and cannot be obtained because of hierarchy rules.
060	03C	The SLOW area could not obtain storage.
061	03D	The resource manager could not obtain storage.
062	03E	The task work area could not obtain storage.
063	03F	The global queue handler could not obtain storage.
070	046	A bad STOKEN occurred during an EDMSRMGR call.
071	047	A bad TCB occurred during an EDMSRMGR call.
072	048	The EDMSRMGR TCB is not in the home ASID.
230	0E6	The PowerExchange Agent does not allow SRB mode callers.
239	0EF	A request timed out.
240	0F0	An illogical function request occurred.
241	0F1	A required subsystem or subtask is not active.
242	0F2	An OPEN command failed.
243	0F3	A CLOSE command failed.
244	0F4	The PowerExchange Agent encountered an invalid data set name.

Decimal Reason Code	Hexadecimal Reason Code	Explanation
245	0F5	A module LOAD failed.
246	0F6	The IBM timing macro (STIMERM) failed.
247	0F7	The PowerExchange Agent encountered a command with the incorrect number of operands.
248	0F8	Another component requested a function that is not available.
249	0F9	The PowerExchange Agent could not add data to a buffer or file, because the buffer or file was full.
250	0FA	Another component sent a request to the PowerExchange Agent to find something, but the PowerExchange Agent could not find it.
251	0FB	The PowerExchange Agent found a duplicate request or duplicate record.
252	0FC	One module passed an incorrect operand to another module.
253	0FD	An invalid function was requested or the function request had an incorrect number of errors.
254	0FE	An unexpected error occurred.
255	0FF	An abnormal termination (abend) occurred.

## Reason Codes 00000601 to 00004499 - Command

PowerExchange issues reason codes from encoded commands that pass between program modules. Some of these reason codes are displayed in the messages that you see when an error occurs.

The following table describes these reason codes:

Reason Code	Explanation
00000601	An unknown error occurred.
00000602	There is no schema registration.
00000603	There is no relational schema registration.
00000604	There is no object or schema that matches the specified EDMNAME.
00000605	The object or schema is not active for the time requested.
00000702	If message PWXEDM172702I is issued, then the Log Read task (EDMLCQ00) has been terminated because the PowerExchange Logger stole the active log it was using because no other active logs are available. Otherwise, the Log Read task (EDMLCQ00) in the PowerExchange Logger has abended.
00000703	No logged-on reader control block found for Terminate Process.



Reason Code	Explanation
00000704	Terminate Process request failed.
00000805	Client Control Block not found (client not already or no longer signed on to Logger).
00000813	Invalid XCF message (unrecognized encoded command).
00001506	Data Is No Longer Available (no RBA range can be found).
00001507	data is not present in inventory (requested timestamp does not yet exist).
00001508	Data Not Accessed Due To Error (for example, attempt to attach subtask failed).
0000150A	Log reader disconnected from Logger before initialization was completed.
00001510	Tran Id Logger Name Not This Logger.
00001511	No logged-on reader control block found for Request Data Transfer.
00001514	Stop location is before start location.
00001515	No such start location found.
00001601	No logged-on reader control block found for Stop Data Transfer.
00001701	Registration request failed for unknown reason.
00001702	There are no database, data set, or subsystem registrations.
00001703	There are no registrations of the specified type.
00001704	There is no object or schema that matches the specified EDMNAME.
00001705	The object or schema is not active for the time requested.
00001706	The module cannot find the primary object profile for the object. Possible reasons include that the object is not defined to PowerExchange. For VSAM and IMS, this reason code can be generated if you create redefined records for a VSAM data set or an IMS segment, and then delete the primary record definition.
00001708	Registration request for invalid object type.
00001901	The PowerExchange Logger is shutting down.
00001902	The PowerExchange Logger requires additional system resources.
00001903	The queue could not be opened.
00001904	Invalid signon request (requesting neither read mode nor write mode).
00001905	Already signed on (duplicate jobname).
00001906	An XCF connection failed.
00001907	The PowerExchange Logger is not ready.

Reason Code	Explanation
00001908	Logger on different CPU (Log Reader attempted to connect to Logger that was running on a different operating system instance).
00001909	Failed to add log reader control block (OUQQ).
0000190A	Unable to start log reader subtask.
0000190B	Could not log ECCR signon record.
0000190C	Failed to add ECCR control block (INQQ).
0000190D	Resume operation failed.
00002104	Invalid Resource Interest List command
00002105	Chain error processing IntLst command
00002111	No matching signed on reader
00002501	An unknown error occurred.
00002502	An unsupported data type was found.
00002503	A module found unsupported data definition language (DDL) code.
00002504	An object registration was not found.
00002505	A schema registration was not found.
00002506	There is no schema for the specified time.
00002507	A change request failed.
00002601	Could not log user data record
00002806	Column name with excessive length encountered.
00004701	Member Logger was already in quiesced status.
00004702	Member Logger was already in stopped status.
00004801	Member Logger was not in quiesced status.
00004802	Member Logger was already in stopped status.

## Reason Codes 00000813 to 00001515 - Encoded Commands

The Encoded Commands issue reason codes from 0000813 through 00001515.

The following table lists the Encoded Commands reason codes:

Reason Code	Explanation
00000813	Invalid XCF message (unrecognized encoded command).
00000805	Client Control Block not found (client not already or no longer signed on to Logger).
00001506	DATA IS NO LONGER AVAILABLE (no RBA range can be found).
00001507	DATA IS NOT PRESENT IN INVENTORY (requested RBA does not yet exist).
00001508	DATA NOT ACCESSED DUE TO ERROR (for example, required dataset cannot be allocated).
00001510	TRAN ID LOGGER NAME NOT THIS LOGGER.
00001514	Stop location is before start location.
00001515	No such start location found.

## Reason Codes 00000C00 to 00000C0E - Common Services

PowerExchange common services provide functions to many of the PowerExchange components.

The following table describes the reason codes for errors that are encountered during common services processing:

Reason Code	Explanation
00000C00	The module could not obtain storage.
00000C01	The lock manager could not create an anchor.
00000C02	There are no available lock manager entries.
00000C03	The lock manager received an invalid entry.
00000C0A	The module received an invalid trace ID.
00000C0B	An MVS ATTACH function failed.
00000C0C	The MVS service parameter list number was invalid.
00000C0D	The MVS STIMER SET function failed.
00000C0E	The MVS STIMER CANCEL function failed.

## PowerExchange Logger Reason Codes

### Reason Codes 0033FF01 to 00FFFFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 0033FF01 through 00FFFFFF.

The following table lists reason codes for the PowerExchange Logger:

Reason Code	Explanation
0033FF01	The chainer module could not obtain a work area.
0033FF02	An initialization error occurred. There was an invalid function code.
0033FF03	An unknown return code was found during an attempt to move a record.
0033FF04	The reader processor (EDMLLRD0) was unable to get a buffer.
0033FF05	The reader processor (EDMLLRD0) detected an invalid record prefix.
0033FF06	A refreshed buffer was not available for the reader processor (EDMLLRD0).
0033FF07	The reader processor (EDMLLRD0) failed to get a refreshed buffer.
0033FF08	The reader processor (EDMLLRD0) detected an invalid record prefix.
0033FF09	There were entries in the read queue when the reader processor (EDMLLRD0) was expecting an empty queue.
0033FF0A	There were no entries found in the available queue.
0033FF0B	The reader processor (EDMLLRD0) failed to disconnect from PowerExchange common services.
0033FF0C	The reader processor (EDMLLRD0) failed to connect to PowerExchange common services.
0033FF0D	Available Queue empty when available buffer needed.
0033FF20	Physical reader initialization failed.
0033FF21	Error in GETBUFF.
0033FF22	I/O error in physical read.
0033FF23	I/O error in physical reread.
0033FF24	Physical reader termination failed.
0033FF25	During an unallocate call, physical reader termination failed.
00D5FF01	Logger invoked in non-APF authorized state.
00D5FF02	Invalid function code supplied to EDMLPRD0.
00D5FF03	Dynamic allocation error for archive log dataset in EDMLPRD0.
00D5FF04	Open failed for archive log dataset in EDMLPRD0.

Reason Code	Explanation
00D5FF05	RBA value has reached maximum permitted value (X'FFFFFFFFFFFF') in EDMLPRD0.
00D5FF06	Unexpected RBA encountered in archive log in EDMLPRD0 (missing or duplicated block(s)).
00D5FF07	Close failed for archive log dataset in EDMLPRD0.
00D5FF08	Invalid LOGQ parameter supplied to EDMLPRD0 at initialization.
00D5FF09	EDMLPRD0 could not locate secondary archive log dataset.
00D5FF0A	No buffers available at initialization in EDMLPRD0.
00D5FF0B	No buffers available at start of read in EDMLPRD0.
00D5FF0C	Dynamic un-allocation error for archive log dataset in EDMLPRD0.
00D5FF0D	Invalid LOGQ parameter supplied to EDMLPRD0 at start of read.
00D5FF0E	Unexpected RBA encountered in archive log dataset at EOF in EDMLPRD0 (missing block(s)).
00D6FF01	The chainer module could not obtain a work area.
00D6FF02	Invalid function code supplied to EDMLPRD1.
00D6FF03	Dynamic allocation error for active log dataset in EDMLPRD1.
00D6FF04	Open failed for active log dataset in EDMLPRD1.
00D6FF07	Close failed for active log dataset in EDMLPRD1.
00D6FF08	Invalid LOGQ parameter supplied to EDMLPRD0 at initialization.
00D6FF09	EDMLPRD1 could not locate secondary active log dataset.
00D6FF0A	No buffers available at initialization in EDMLPRD0.
00D6FF0B	No buffers available at start of read in EDMLPRD0.
00D6FF0C	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00D6FF0D	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00D6FF0E	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00D6FF0F	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00D6FF10	Invalid LOGQ parameter supplied to EDMLPRD1 at start of read.
00D6FF11	Invalid LOGQ parameter supplied to EDMLPRD1 at start of reread.
00D6FF12	Error adding entry to GBLPH1QCB queue in EDMLPRD1.
00D6FF13	Primary active log stopped and dual active logs not available.

Reason Code	Explanation
00D6FF14	Maximum retries (100) exceeded to successfully reread block from active log dataset in EDMLPRD1.
00D7FF01	The chainer module could not obtain a work area.
00D7FF02	The chainer module could not release a work area.
00D7FF03	The MODCB macro failed to modify the RPL control block.
00D7FF04	The print ERDS command processor (EDMLPR50) failed to GET the master log control record.
00D7FF05	The print ERDS command processor (EDMLPR50) failed to GET the primary active log control record.
00D7FF06	The print ERDS command processor (EDMLPR50) failed to GET the secondary active log control record.
00D7FF07	The print ERDS command processor (EDMLPR50) failed to GET the primary archive log control record.
00D7FF08	The print ERDS command processor (EDMLPR50) failed to GET the secondary archive log control record.
00D7FF09	The print ERDS command processor (EDMLPR50) failed to GET the checkpoint control record.
00D7FF0A	The print ERDS command processor (EDMLPR50) entered an ESTAE routine.
00D8FF01	The chainer module could not obtain a work area.
00D8FF02	The chainer module could not release a work area.
00D9FF01	The chainer module could not obtain a work area.
00D9FF02	The chainer module could not release a work area.
00DAFF01	The chainer module could not obtain a work area.
00DAFF02	The chainer module could not release a work area.
00DAFF04	SYNAD entered a spooled sysout file in EDMLPR20.
00DBFF01	The chainer module could not obtain a work area.
00DBFF02	The chainer module could not release a work area.
00DBFF03	Error connecting to Common Services.
00DCFF01	The chainer module could not obtain a work area.
00DCFF02	The chainer module could not release a work area.
00DDFF01	The chainer module could not obtain a work area.
00DDFF02	The chainer module could not release a work area.
00DDFF03	Cannot determine which ECB posted.

Reason Code	Explanation
00DDFF04	The chainer module could not LOCK the queue control block (QCB).
00DDFF05	The chainer module could not UNLOCK the queue control block (QCB).
00DDFF06	Log reader disconnected from Logger before initialization was completed.
00DDFF07	The PowerExchange Logger found an invalid log RBA.
00DDFF08	An attempt to initialize a log reader failed.
00DDFF09	An attempt to open a circular queue failed.
00DDFF0A	A log reader READ command failed.
00DDFF0B	An attempt to PUT to a circular queue failed.
00DDFF0C	A circular queue end-of-file error occurred.
00DDFF0D	An attempt to close a circular queue failed.
00DDFF0E	An attempt to terminate a log reader failed.
00DDFF0F	An attempt by the logger to connect to the common services failed.
00DDFF10	An attempt to send a SENDPIPE command to the log read processor (LRP) failed.
00DDFF11	Circular queue PUT error for Request Data Transfer reply.
00DDFF12	No token found for XCF circular queue.
00DDFF13	Attempt to open XCF circular queue failed.
00DEFF01	The chainer module could not obtain a work area.
00DEFF02	The chainer module could not release a work area.
00DEFF03	An attempt to initialize a logical log reader failed.
00DEFF04	An attempt by the logical log reader to perform a READ failed.
00DEFF05	The PowerExchange Logger was unable to add a unit-of-work (UOW) entry to an internal UOW queue.
00DEFF06	An attempt to terminate the logical log reader failed.
00DEFF07	The PowerExchange Logger was unable to find a logrba in the selected logs.
00DEFF08	The PowerExchange Logger could not find a UOW for begin_PHASE1.
00DEFF09	The PowerExchange Logger could not find a UOW for begin_PHASE2.
00DEFF0A	The PowerExchange Logger could not find a UOW for end_PHASE1.
00DEFF0B	The PowerExchange Logger could not find a UOW for end_PHASE2.

Reason Code	Explanation
00DEFF13	Cannot locate record prefix while repositioning in log on restart (EDMLPLG1).
00DFFF01	The chainer module could not obtain a work area for the write to operator with reply (WTOR) parameter list.
00DFFF02	The chainer module could not release a work area for the write to operator with reply (WTOR) parameter list.
00DFFF03	The chainer module could not release a work area for the write to operator with reply (WTOR) message text.
00DFFF04	The chainer module could not release a work area for the write to operator with reply (WTOR) output data area.
00DFFF05	The chainer module could not release the OPQ control block.
00E0FF01	The chainer module could not obtain a work area.
00E0FF02	The chainer module could not release a work area.
00E1FF01	The chainer module could not release a work area.
00E2FF01	An incorrect post code was detected by the receiving module.
00E2FF02	An attempt to find an element address failed.
00E2FF03	The PowerExchange Logger cannot free a latch that is not held.
00E2FF04	A module is using a latch and it issued a request to use it again. A module cannot acquire a latch that it is currently using.
00E2FF05	The PowerExchange Logger latching processor could not find any latch queue control block (QCB) entries.
00E3FF01	A normal dump has been requested.
00E4FF01	The chainer module could not obtain a work area.
00E4FF02	The chainer module could not release a work area.
00E5FF01	The chainer module could not obtain a work area.
00E5FF02	Error performing buffer Force_write operation.
00E5FF03	Error performing Trunc_Log operation.
00E5FF04	The chainer module could not release a work area.
00E5FF05	Archive Log operation already in progress.
00E5FF06	Error performing Trunc_Buff operation.
00E5FF07	Error connecting to Common Services.



Reason Code	Explanation
00E6FF01	An attempt by the chainer module to add a record to a queue failed.
00E6FF02	The chainer module is unable to obtain an area for a DATA COPY.
00E7FF01	The chainer module could not obtain a work area.
00E7FF02	The chainer module could not release a work area.
00E7FF03	An attempt to delete an old logger EDMUPARM module failed.
00E7FF04	An attempt to open the EDMPARMS data set failed.
00E8FF03	The pattern match processor found arguments with a length less than zero (0).
00E8FF04	The pattern match processor found a pattern larger than 256 bytes.
00E9FF01	Latch obtain error in EDMLOF20.
00E9FF02	The active log archive processor could not find an active log present in the LOGQ log queue.
00E9FF03	Dynamic allocation for the archive COPY1 data set failed.
00E9FF04	An attempt to perform an OPEN on the archive COPY1 data set failed.
00E9FF05	Dynamic allocation for the archive COPY2 data set failed.
00E9FF06	An attempt to perform an OPEN on the archive COPY2 data set failed.
00E9FF07	The PowerExchange Logger latching processor could not obtain the LOGQ COPY1 log queue.
00E9FF08	The PowerExchange Logger latching processor could not obtain the LOGQ COPY2 log queue.
00E9FF09	EDMLOF20 could not find COMMSRV connect token.
00E9FF0A	The DIV ACCESS macro was unable to access the active logs.
00E9FF0B	Primary (and secondary if applicable) active log dataset(s) stopped
00E9FF0C	The DIV UNIDENTIFY macro was unable to unidentify the active log.
00E9FF0D	A CLOSE command failed on an archive COPY1 data set.
00E9FF0E	The RDJFCB macro failed on an archive COPY1 data set.
00E9FF0F	A CLOSE command failed on an archive COPY2 data set.
00E9FF10	EDMLOF20 could not find secondary active log in LOGQ.
00E9FF11	An UNALLOCATE command failed on an archive COPY1 data set.
00E9FF12	An UNALLOCATE command failed on an archive COPY2 data set.
00E9FF13	An UNALLOCATE command failed on active log.

Reason Code	Explanation
00E9FF14	An internal DEFINE_LOG COPY1 command failed.
00E9FF15	An internal DEFINE_LOG COPY2 command failed.
00E9FF16	The chainer module could not release a work area.
00E9FF17	The chainer module could not add a local area.
00E9FF18	The chainer module could not initialize the OPQ control block.
00E9FF19	The chainer module could not find an entry in the GBLBLKQ11 queue.
00E9FF20	The chainer module could not find an entry in the GBLBLKQ12 queue.
00E9FF21	The chainer module could not find an entry in the GBLBLKQ21 queue.
00E9FF22	The chainer module could not find an entry in the GBLBLKQ22 queue.
00E9FF23	The chainer module was unable to find an entry for LOG2 in the LOGQ queue.
00E9FF24	The active log archive processor is using the last active log.
00E9FF25	The log archive processor was unable to find a LOG2 data set name.
00E9FF26	SYNAD entered for archive log 1.
00E9FF27	SYNAD entered for archive log 2.
00E9FF30	Latch release error in EDMLOF20.
00E9FF34	Update ERDS process failed.
00EAFF01	The chainer module could not obtain a work area.
00EAFF02	The chainer module could not release a work area.
00EBFF01	The chainer module could not obtain a work area.
00EBFF02	The chainer module could not release a work area.
00EC0040	The module receives an unexpected return code from the DBCTL subsystem interface. Contact your Informatica technical support analyst for assistance.
00ECFF01	The chainer module could not obtain a work area.
00ECFF02	The GETMAIN macro failed.
00ECFF03	The FREEMAIN macro failed.
00EDFF01	The chainer module could not obtain a work area.
00EDFF02	The chainer module could not release a work area.
00EEFF01	The chainer module could not obtain a work area.

Reason Code	Explanation
00EEFF02	The chainer module could not release a work area.
00EEFF01	The chainer module could not obtain a work area.
00EEFF02	The chainer module could not release a work area.

## Reason Codes 00F0FF01 to 00F6FFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 00F0FF01 through 00F6FFFF.

The following table lists reason codes for the PowerExchange Logger:

Reason Code	Explanation
00F0FF01	The chainer module could not obtain a work area.
00F0FF02	The chainer module could not release a work area.
00F1FF01	The chainer module could not obtain a work area.
00F1FF02	The chainer module could not release a work area.
00F1FF03	The chainer module could not initialize the GCO queue.
00F1FF04	The chainer module could not add an entry to the GCO queue.
00F1FF05	The chainer module could not add or replace an entry on the GCO queue.
00F1FF06	The chainer module could not initialize the IMO queue.
00F1FF07	The chainer module could not add an entry to the IMO queue.
00F1FF08	The chainer module could not add or replace an entry on the IMO queue.
00F1FF09	The chainer module could not delete the GCO queue.
00F1FF0A	The chainer module could not delete the IMO queue.
00F1FF0B	The chainer module could not find the GCO queue.
00F1FF0C	The EDMUPARM processor (EDMLDF20) could not load the modified options data set.
00F1FF0D	The chainer module could not terminate the ICO queue.
00F1FF0E	The chainer module could not terminate the GCO queue.
00F1FF0F	The EDMUPARM processor (EDMLDF20) encountered an error when it attempted to delete one or more options.
00F1FF10	The EDMUPARM processor (EDMLDF20) was unable to find the DEFAULT SERVER OPTIONS module.
00F1FF11	The EDMUPARM processor (EDMLDF20) could not open the options data set.

Reason Code	Explanation
00F2FF01	The chainer module could not obtain a work area.
00F2FF04	The chainer module could not return a work area.
00F2FF05	The define-logger processor (EDMLDF10) could not find the options data set.
00F3FF01	The PowerExchange Logger found an incorrect version of the EDMLC020 control module.
00F3FF02	The PowerExchange Logger found an incorrect version of the EDMLC030 control module.
00F3FF03	The chainer module could not initialize the CSA tracking queue.
00F3FF04	The chainer module was unable to initialize an area for the GLOBAL control block.
00F3FF05	The chainer module was unable to create an area for the GLOBAL control block.
00F3FF06	The chainer module was unable to initialize a task control, TC, queue.
00F3FF07	The chainer module was unable to initialize a LOC=31 storage unit.
00F3FF08	The chainer module was unable to initialize a LOC=24 storage unit.
00F3FF09	The chainer module was unable to initialize the INPUT queue.
00F3FF0A	The initialization processor could not find the address of the chainer module while building a write to operator with reply (WTOR) command.
00F3FF0B	The chainer module could not add a local control block for a write to operator with reply (WTOR) command.
00F3FF0C	The initialization processor could not find the address of the chainer module while building the PowerExchange physical logger.
00F3FF0D	The chainer module could not add a local control block for the PowerExchange physical logger.
00F3FF0E	The BLDL FIND macro was unable to locate the EDMLC030 module.
00F3FF0F	An OPEN command failed for STEPLIB.
00F3FF10	Subsystem initialization failed.
00F3FF11	An attempt to LOAD the options module EDMUPARM failed.
00F3FF12	The message display routine FREEMAIN command failed.
00F3FF13	An EDMPARMS DD statement is missing.
00F3FF14	An EDMZPARM module was not found.
00F3FF15	The options module DD concatenation has an error.
00F3FF16	An attempt to LOAD the options module EDMUPARM failed.
00F3FF17	An error occurred while initializing the queue for 241 XCA GETMAINS.

Reason Code	Explanation
00F3FF18	Too many EDMLC030 modules exist in extended CSA (ECSA).
00F3FF19	An attempt by the chainer module to create a latch queue control block (QCB) failed.
00F3FF1A	The chainer was unable to create a latch area.
00F3FF1B	The chainer module had an error while creating LOGQ COPY1 block queue.
00F3FF1C	The chainer module had an error while creating BLKQ COPY1 block queue.
00F3FF1D	The chainer module had an error while creating LOGQ COPY2 block queue.
00F3FF1E	The chainer module had an error while creating the BLKQ COPY2 block queue.
00F3FF1F	The chainer module had an error while creating LOGQ COPY1 block queue.
00F3FF20	The chainer module had an error while creating BLKQ COPY1 block queue.
00F3FF21	The chainer module had an error while creating LOGQ COPY2.
00F3FF22	The chainer module had an error while creating BLKQ COPY2.
00F3FF23	The chainer module had an error while adding a LOGF entry to the LATCH queue.
00F3FF24	The chainer module had an error while adding a CHKP entry to the LATCH queue.
00F3FF25	The chainer module had an error while initializing the unit-of-work (UOW) QCB queue control block.
00F3FF26	The chainer module was unable to initialize the CHK checkpoint queue control block (QCB).
00F3FF27	The chainer module was unable to initialize the ECCR INQ input queue control block (QCB).
00F3FF28	The chainer module was unable to initialize the LRP OUQ output queue control block (QCB).
00F3FF29	The PowerExchange Logger initialization processor (EDMLC015) was unable to create a latch circular queue.
00F3FF2A	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a phase 1 queue control block (QCB).
00F3FF2B	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a phase 2 queue control block (QCB).
00F3FF2C	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a termination queue control block (QCB).
00F3FF2D	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a packet queue control block (QCB).
00F3FF2E	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a global queue control block (QCB).
00F3FF2F	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a command queue control block (QCB).

Reason Code	Explanation
00F3FF30	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize an XCF queue control block (QCB).
00F3FF31	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a trace queue control block (QCB).
00F3FF32	The PowerExchange Logger initialization processor (EDMLC015) encountered an incompatible EDMUPARM level.
00F4FF01	An attempt to load the initialization processor failed.
00F4FF02	The chainer module was unable to create the TC task control module.
00F4FF03	The ATTACH command passed a nonzero return code.
00F4FF04	The chainer module could not delete the LOC=31 storage unit.
00F4FF05	The chainer module was unable to obtain a work area for the ECB list.
00F4FF06	The chainer module could not delete the task control.
00F4FF07	The PowerExchange Logger initial checkpoint failed.
00F4FF08	The PowerExchange Logger final checkpoint failed.
00F4FF09	An attempt to initialize the common services environment failed.
00F4FF0A	An attempt to connect to common services failed.
00F4FF0B	The main subtask processor (EDMLC010) could not create the circular queue. A POST error occurred.
00F4FF0C	The main subtask processor (EDMLC010) could not connect to the PowerExchange subsystem.
00F4FF0C	The main subtask processor (EDMLC010) could not post a write packet trailer.
00F5FF01	The chainer module could not obtain a work area.
00F5FF02	The EDMLPAR0 reason code is too large.
00F5FF03	A previous chainer error occurred. A required work area does not exist.
00F5FF05	The chainer module could not terminate the command queue.
00F5FF06	The PARSE Error processor received an invalid return code from the PARSE analyzer.
00F6FF01	The chainer module could not obtain a work area.
00F6FF02	The chainer module could not release a work area.
00F6FF03	The chainer module could not obtain an area for a VSAM DELETE statement.
00F6FF04	The chainer module could not obtain an area for a VSAM DEFINE statement.
00F6FF05	The chainer module could not obtain an area for a VSAM JOURNAL HEADER statement.

Reason Code	Explanation
00F6FF08	An attempt to delete a statement area failed.
00F6FF09	The data set name is missing from an input parameter.
00F6FF0D	R0 contains an invalid entry code. It contains an entry other than DELETE, DEFINE, or JOURNAL HEADER.
00F6FF0E	Either the ALCACB. or ALCRPL. area is corrupt.
00F6FF0F	The ALCALCAD area is corrupt.

## Reason Codes 00F7FF01 to 00F9FFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 00F7FF01 through 00F9FFFF.

The following table lists reason codes for the PowerExchange Logger:

Reason Code	Explanation
00F7FF01	The chainer module could not obtain a work area.
00F7FF02	An attempt to initialize the common services environment failed.
00F7FF03	An attempt to connect to common services failed.
00F7FF04	An attempt to initialize the XCF interface failed.
00F7FF05	An attempt to open the XCF interface failed.
00F7FF06	An attempt to create the XCF interface failed.
00F7FF07	\$XCF GET failed for message.
00F7FF08	\$XCF GET failed for group event (Logger group).
00F7FF09	\$XCF GET failed for group event (Post-Log Merge group).
00F7FF17	Failed adding log reader control block (OUQQ).
00F7FF18	Unable to start log reader subtask.
00F7FF19	ECCR is already connected to Logger.
00F7FF1A	Unable to add PKT queue entry.
00F7FF1B	Failed to add ECCR control block (INQQ).
00F7FF1C	Invalid signon type (neither read nor write).
00F7FF1D	Attempt to perform resume operation failed.
00F7FF1E	Unable to locate log reader (OUQQ) control block.

Reason Code	Explanation
00F7FF1F	Could not write to global circular queue.
00F7FF20	Logger name in restart request does not match logger ID.
00F7FF21	End location in transfer request before start location.
00F7FF22	Terminate request did not complete successfully.
00F7FF23	Delete of log reader (OUQQ) control block fail.
00F8FF01	The chainer module could not obtain a work area.
00F8FF02	The chainer module is unable to delete the old ECB list.
00F8FF03	The chainer module is unable to obtain a new ECB list.
00F8FF04	The checkpoint processor received an unexpected termination of the QSAM I/O subtask.
00F8FF05	The checkpoint processor received an unexpected termination of the TIMER subtask.
00F8FF06	The checkpoint processor received an unexpected termination of the JOURNAL subtask.
00F8FF07	The checkpoint processor received an unexpected termination of the PROCESS subtask.
00F8FF08	The checkpoint processor received an unexpected termination of the RESTART subtask.
00F8FF09	The checkpoint processor received an unexpected termination of the LOGICAL subtask.
00F8FF0A	The checkpoint processor received an unexpected termination of the PHYSICAL subtask.
00F8FF0B	The checkpoint processor received an unexpected termination of the Checkpoint subtask.
00F8FF0C	The checkpoint processor received an unexpected termination of the XCF subtask.
00F8FF0D	The checkpoint processor received an unexpected termination of the VTAM I/O subtask.
00F8FF0E	The checkpoint processor received an unexpected request for a checkpoint.
00F8FF0F	The checkpoint processor received an unexpected request for a shutdown.
00F8FF10	The checkpoint processor received an unexpected operator reply.
00F8FF11	The checkpoint processor received an unexpected reload of EDMZPARM.
00F8FF12	The checkpoint processor received an unexpected termination of an MVS command.
00F8FF13	The chainer module was unable to delete a work area.
00F8FF14	The PowerExchange Logger found an invalid code. A WRITE to a restart data set (ERDS) failed.
00F9F701	The routine that determines the number of blocks available in the active LOG2 was unable to obtain a LOGQ latch.



Reason Code	Explanation
00F9F702	The routine that determines the number of blocks available in active LOG2 was unable to release the LOGQ latch.
00F9F801	The routine that determines the number of blocks available in active LOG2 was unable to obtain the LOGQ latch.
00F9F802	The routine that determines the number of blocks available in active LOG2 was unable to release the LOGQ latch.
00F9F803	The chainer module could not obtain a read buffer.
00F9F804	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00F9F805	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.
00F9F806	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00F9F807	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00F9F808	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9F809	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9F80A	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9F80B	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9F901	The routine that determines the number of blocks available in active LOG1 was unable to obtain the LOGQ latch.
00F9F902	The routine that determines the number of blocks available in active LOG1 was unable to release the LOGQ latch.
00F9F903	The chainer module could not obtain a read buffer.
00F9F904	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00F9F905	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.
00F9F906	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00F9F907	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00F9F908	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9F909	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9F90A	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9F90B	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FA01	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9FA02	The chainer module was unable to find an entry in the GBLBLKQ12 queue.

Reason Code	Explanation
00F9FA03	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FA04	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FA05	A save error occurred in the physical logger processor (EDMLPLG0). The other log was already stopped.
00F9FA06	A save error occurred in the physical logger processor (EDMLPLG0). There is no secondary log.
00F9FA07	The secondary active log subtask (EDMLPLG2) has abended.
00F9FB01	The routine to terminate processing of active log could not obtain the LOGQ latch.
00F9FB02	The routine to terminate processing of active log could not release the LOGQ latch.
00F9FB03	The DIV UNACCESS macro could not stop accessing the LOG1 data set.
00F9FB04	The DIV UNIDENTIFY macro could not unidentify the LOG1 data set.
00F9FB05	The ALESERV DELETE macro could not delete the LOG1 data set.
00F9FB06	The DSPSERV DELETE macro could not delete the LOG1 data set.
00F9FB07	The DIV SAVE macro could not save the LOG2 data set.
00F9FB08	The DIV UNMAP macro could not unmap the LOG2 data set.
00F9FB09	The DIV UNACCESS macro could not stop accessing the LOG2 data set.
00F9FB0A	The DIV UNIDENTIFY macro could not unidentify the LOG2 data set.
00F9FB0B	The ALESERV DELETE macro could not delete the LOG2 data set.
00F9FB0C	The DSPSERV DELETE macro could not delete the LOG2 data set.
00F9FB0D	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9FB0E	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9FB0F	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FB10	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FC01	The routine to initialize processing of active log could not obtain the LOGQ latch.
00F9FC02	The routine to initialize processing of the active log could not release the LOGQ latch.
00F9FC03	Dynamic allocation for the active LOG1 data set failed.
00F9FC04	The routine to initialize processing of the active log could not release the LOGQ latch.
00F9FC05	Dynamic allocation for the active LOG2 data set failed.
00F9FC06	The routine to initialize processing of the active log could not release the LOGQ latch.

Reason Code	Explanation
00F9FC07	The DSPSERV CREATE macro could not create a hyperspace for HSP LOG1 data set.
00F9FC08	The ALESERV OBTAIN macro could not obtain the access-list entry token (ALET) LOG1 data set.
00F9FC09	The DSPSERV CREATE macro could not create a hyperspace for HSP LOG2 data set.
00F9FC0A	The ALESERV OBTAIN macro could not obtain the access-list entry token (ALET) LOG2 data set.
00F9FC0B	The DIV IDENTIFY macro could not identify the LOG1 data set.
00F9FC0C	The DIV ACCESS macro could not access the LOG1 data set.
00F9FC0D	The DIV MAP macro could not map the LOG1 data set.
00F9FC0E	The DIV IDENTIFY macro could not identify the LOG2 data set.
00F9FC0F	The DIV ACCESS macro could not access the LOG2 data set.
00F9FC10	The DIV MAP macro could not map the LOG1 data set.
00F9FC11	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9FC12	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9FC13	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FC14	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FC15	The physical logger found that both the primary and secondary active logs are in a stopped state.
00F9FD01	The routine to obtain new active log could not obtain the LOGQ latch.
00F9FD02	The routine to obtain new active log could not release the LOGQ latch.
00F9FE01	The chainer module could not obtain a command buffer.
00F9FF01	The chainer module could not obtain a work area.
00F9FF02	The GETSTOC routine was unable to determine the number of available blocks for logging to the LOG1 data set.
00F9FF03	The GETSTOC routine was unable to determine the number of available blocks for logging to the LOG2 data set.
00F9FF04	A GETNEWL error occurred while attempting to get a new log during initialization.
00F9FF05	The PowerExchange physical logger was unable to determine if a new active LOG2 exists.
00F9FF06	The PowerExchange physical logger was unable to determine if a new active LOG1 exists.
00F9FF07	The INIACLT routine could not initialize a new log.
00F9FF08	The chainer module was unable to find an entry in the GBLBLKQ11 queue.

Reason Code	Explanation
00F9FF09	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9FF0A	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FF0B	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FF0C	The chainer module was unable to add a LOCAL control block.
00F9FF0D	The chainer module could not initialize the OPQ queue.
00F9FF0E	An attempt to obtain a LOGQ latch failed.
00F9FF0F	An attempt to release the LOGQ latch failed.
00F9FF10	No space is available in the active log.
00F9FF11	The physical logger processor (EDMLPLG0) was unable to build a UOW queue.
00F9FF12	The physical logger processor (EDMLPLG0) could not obtain the LOGS log queue.
00F9FF13	The physical logger processor (EDMLPLG0) entered an ESTAE routine.
00F9FF14	The physical logger processor (EDMLPLG0) encountered an invalid log RBA.
00F9FF15	The physical logger processor (EDMLPLG0) could not obtain a log queue latch.
00F9FF16	The physical logger processor (EDMLPLG0) could not release a log queue latch.
00F9FF17	The physical logger processor (EDMLPLG0) was unable to connect to PowerExchange common services.
00F9FF18	A write error occurred. There is no secondary log.
00F9FF19	A write error occurred. The other log was already stopped.
00F9FF1A	Failure in attaching active log 2 subtask (EDMLPLG2).
00F9FF1B	No available active log dataset.
00F9FF1C	Number of secondary active log datasets does not match number of primary active log datasets.
00F9FF1D	Archive log operation failed at initialization.
00F9FF1E	Attempt to log data while logger is quiesced

## Reason Codes 00FAFF01 to 00FFFFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 00FAFF01 through 00FFFFFF.

The following table lists reason codes for the PowerExchange Logger:

Reason Code	Explanation
00FAFF01	The chainer module could not obtain a work area.
00FAFF02	The chainer module was unable to obtain a buffer prefix.
00FAFF03	The chainer module was unable to obtain a buffer.
00FAFF04	A GETBUFF macro error occurred. It was unable to get a buffer.
00FAFF05	A MOVEREC macro error occurred, and it returned an unknown return code.
00FAFF06	The chainer module is unable to add a unit of work (UOW).
00FAFF07	The chainer module is unable to delete a unit of work (UOW).
00FAFF08	A WRITE to a restart data set (ERDS) failed.
00FAFF09	The MOVEREC macro could not write to a log begin_checkpoint record.
00FAFF0A	The MOVEREC macro could not write to a log UOW_summary record.
00FAFF0B	The MOVEREC macro could not write to a log end_checkpoint record.
00FAFF0C	The chainer module was unable to add an entry to the CHK queue.
00FAFF0D	The logical logger processor was unable to obtain a LOGQ latch.
00FAFF0E	An attempt to connect to common services failed.
00FAFF0F	The chainer module was unable to delete an entry from the CHK queue.
00FAFF10	The \$DLICQPL macro could not open a circular queue.
00FAFF11	The PowerExchange logical logger processor (EDMLLLG0) was unable to obtain a LOGS latch.
00FAFF12	The PowerExchange logical logger processor (EDMLLLG0) was unable to read the global queue.
00FAFF13	The PowerExchange logical logger processor (EDMLLLG0) received a STIMERM SET error.
00FAFF14	The MOVEREC macro received a packet trailer error in the PowerExchange logical logger processor (EDMLLLG0) module.
00FAFF15	The PowerExchange logical logger processor (EDMLLLG0) module entered an ESTAE routine.
00FAFF16	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a checkpoint (CHKPT).
00FAFF17	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a checkpoint (CHKPT).

Reason Code	Explanation
00FAFF18	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a HARDN command.
00FAFF19	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a HARDN command.
00FAFF1A	The PowerExchange logical logger processor (EDMLLLG0) exceeded the maximum LOGRBA.
00FAFF1B	The PowerExchange logical logger processor (EDMLLLG0) was unable to obtain a LOGQ latch.
00FAFF1C	The PowerExchange logical logger processor (EDMLLLG0) received a STIMERM CANCEL error.
00FAFF1D	The PowerExchange logical logger processor (EDMLLLG0) could not open the XCF message queue.
00FAFF1E	The PowerExchange logical logger processor (EDMLLLG0) encountered an error in COMMUOW and could not complete a PUT command on the XCF message queue.
00FBFF01	The chainer module could not obtain a work area.
00FBFF02	The chainer module could not initialize the TC task control queue.
00FBFF03	The chainer module could not add an entry to the TCQ queue.
00FBFF04	The chainer module could not terminate the CMD queue.
00FBFF05	An error occurred while loading the dictionary.
00FBFF06	The chainer module could not delete the ECBLIST area.
00FBFF07	The chainer module could not obtain the ECBLIST area.
00FBFF08	The chainer module could not terminate the TCQ queue.
00FBFF0A	The chainer module could not terminated the STR queue.
00FBFF0B	The chainer module could not delete a work area.
00FBFF0C	The chainer module could not terminate the GBLLIFPQ queue.
00FBFF0D	The chainer module was unable to free an externalized CMD (EDMD) area.
00FBFF0E	The chainer module could not delete the IPQ queue.
00FBFF0F	The chainer module was unable to delete an entry from the LIFCMSQ queue.
00FBFF10	The chainer module could not add an entry to the TCQ queue.
00FBFF11	An ATTACH command returned a nonzero return code.
00FBFF13	The chainer module was unable to flush entries from the input CMD queue.
00FBFF14	The chainer module could not delete an entry from the TCQ queue.
00FCFF01	The chainer module could not obtain a work area.

Reason Code	Explanation
00FCFF02	The chainer module could not delete a work area.
00FCFF03	The chainer module could not delete the JNL queue.
00FCFF04	The chainer module could not delete data.
00FCFF05	The chainer module could not obtain a JNL record area.
00FCFF06	The chainer module could not release a JNL record area.
00FCFF07	An attempt to CLOSE or UNALLOCATE a JOURNAL data set failed.
00FCFF09	The journal processor (EDMLJNL0) encountered a SHOWCB error after a PUT function.
00FCFF0A	The journal processor (EDMLJNL0) encountered a SHOWCB error after a PUT function.
00FCFF0B	The journal processor (EDMLJNL0) encountered a SHOWCB error after a PUT function.
00FCFF0C	An attempt to obtain an area to build a JOURNAL HEADER statement failed.
00FDFF01	An attempt to flush inactive LOCAL control blocks failed.
00FDFF02	An attempt by the chainer module to delete a local area failed.
00FDFF03	An attempt by the chainer module to obtain a work area failed.
00FDFF04	An attempt by the chainer module to release a work area failed.
00FDFF05	The chainer module was unable to free unused areas from the GBLP24Q queue.
00FDFF06	The chainer module was unable to free unused areas from the GBLP31Q queue.
00FDFF07	The chainer module was unable to free unused areas from the GBLGBLQ queue.
00FDFF08	Cannot determine which ECB posted.
00FDFF09	Error sending to global circular queue.
00FEFF01	The chainer module could not obtain a work area.
00FEFF02	The PowerExchange Logger was unable to open SYSIN.
00FEFF03	The chainer module was unable to add a local area control block.
00FEFF04	The PowerExchange Logger was unable to open SYSPRINT.
00FEFF05	The chainer module was unable to obtain an area to build an input record.
00FEFF07	The chainer module was unable to delete an output data area.
00FEFF08	The chainer module was unable to delete an I/O queue.
00FEFF09	The chainer module was unable to delete a local area.

Reason Code	Explanation
00FEFF0A	The chainer module was unable to delete a work area.
00FEFF0B	The chainer module was unable to initialize an output queue.
00FEFF0C	The third parameter, which shows the number of lines on a printed page, is invalid.
00FFCF01	The chainer module could not obtain a work area.
00FFCF02	The chainer module could not obtain a buffer area.
00FFCF03	The MODCB macro failed to modify the RPL control block.
00FFCF04	An attempt by this module to GET the master log control record failed.
00FFCF05	An attempt by the chainer module to FIND the master log control record failed.
00FFCF06	An attempt by this module to GET the primary active log control record failed.
00FFCF07	An attempt by the chainer module to FIND the primary active log control record failed.
00FFCF08	An attempt by this module to GET the secondary active log control record failed.
00FFCF09	An attempt by the chainer module to FIND the primary archive log control record failed.
00FFCF0A	An attempt by this module to GET the next archive log failed.
00FFCF0B	An attempt by the chainer module to FIND the secondary archive log control record failed.
00FFCF0C	The MODCB macro failed to modify the RPL control block.
00FFCF0D	An attempt by this module to GET the checkpoint control record failed.
00FFCF0E	An attempt by this module to PUT the checkpoint control record failed.
00FFDF01	The chainer module could not obtain a work area.
00FFDF02	The chainer module could not obtain a buffer area.
00FFDF03	The MODCB macro failed to modify the RPL control block.
00FFDF04	An attempt by this module to GET the master log control record failed.
00FFDF05	An attempt by the chainer module to FIND the master log control record failed.
00FFDF06	An attempt by this module to GET the primary active log control record failed.
00FFDF07	An attempt by the chainer module to FIND the primary active log control record failed.
00FFDF08	An attempt by this module to GET the secondary active log control record failed.
00FFDF09	An attempt by the chainer module to FIND the primary archive log control record.
00FFDF0A	An attempt by this module to GET the next archive log failed.



Reason Code	Explanation
00FFDF0B	An attempt by the chainer module to FIND the secondary archive log control record failed.
00FFDF0C	The MODCB macro failed to modify the RPL control block.
00FFDF0D	An attempt by this module to GET the checkpoint control record failed.
00FFDF0E	An attempt by this module to PUT the checkpoint control record failed.
00FFEF01	An attempt to obtain a buffer for the master log failed.
00FFEF02	An attempt to perform an OPEN of the ERDS01 restart data set failed.
00FFEF03	An attempt to perform an OPEN of the ERDS02 restart data set failed.
00FFF001	An attempt to obtain a read buffer failed.
00FFF002	An attempt to add a checkpoint to the internal checkpoint queue failed.
00FFF101	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF102	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF103	The chainer module was unable to obtain a read buffer.
00FFF104	The chainer module was unable to add an entry to the BLKQ COPY2 queue.
00FFF105	The chainer module was unable to add an entry to the active LOGQ COPY2 queue.
00FFF106	The chainer module was unable to add an entry to the archive BLKQ COPY2 queue.
00FFF107	The chainer module was unable to add an entry to the archive LOGQ COPY2 queue.
00FFF201	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF202	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF203	The chainer module was unable to obtain a read buffer.
00FFF204	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00FFF205	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.
00FFF206	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00FFF207	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00FFF301	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF302	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF303	The chainer module was unable to obtain a read buffer.
00FFF304	The chainer module was unable to add an entry to the BLKQ COPY2 queue.

Reason Code	Explanation
00FFF305	The chainer module was unable to add an entry to the active LOGQ COPY2 queue.
00FFF306	The chainer module was unable to add an entry to the archive BLKQ COPY2 queue.
00FFF307	The chainer module was unable to add an entry to the archive LOGQ COPY2 queue.
00FFF401	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF402	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF403	The chainer module was unable to obtain a read buffer.
00FFF404	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00FFF405	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.
00FFF406	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00FFF407	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00FFF501	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.
00FFF502	The chainer was unable to add a log to the internal log queue, LOGQ2.
00FFF601	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.
00FFF602	The chainer was unable to add a log to the internal log queue, LOGQ1.
00FFF701	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.
00FFF702	The chainer was unable to add a log to the internal log queue, LOGQ2.
00FFF801	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.
00FFF802	The chainer was unable to add a log to the internal log queue, LOGQ1.
00FFFB01	The chainer module could not find an archive log to delete.
00FFFB02	The chainer module was unable to perform a DELETE on the archive log queue, LOGQ2
00FFFC01	The chainer module could not find an archive log to delete.
00FFFC02	The chainer module was unable to perform a DELETE on the archive log queue LOGQ1.
00FFFD01	The chainer module could not find an active log to delete.
00FFFE01	The chainer module could not find an active log to delete.
00FFFF01	The chainer module could not obtain a work area.

Reason Code	Explanation
00FFFF02	The chainer module could not obtain an ERDS01 restart data set buffer.
00FFFF03	The chainer module could not obtain a ERDS02 restart data set buffer.
00FFFF04	The PowerExchange Logger is unable to build the LOGQ11 log queue.
00FFFF05	The PowerExchange Logger is unable to build the LOGQ12 log queue.
00FFFF06	The PowerExchange Logger is unable to build the LOGQ21 log queue.
00FFFF07	The PowerExchange Logger is unable to build the LOGQ22 log queue.
00FFFF08	The PowerExchange Logger is unable to determine which log is the current active log.
00FFFF09	The ERDS01 restart data set DD statement is missing.
00FFFF0A	The PowerExchange Logger found an invalid restart data set (ERDS).
00FFFF0B	An attempt by the GENCB module to obtain the ACB for ERDS01 restart data set failed.
00FFFF0C	An attempt to OPEN the ERDS01 restart data set failed.
00FFFF0D	An attempt by GENCB to obtain the ACB for ERDS02 restart data set failed.
00FFFF0E	An attempt to OPEN the ERDS02 restart data set failed.
00FFFF0F	The online and ERDS01 restart data set is empty.
00FFFF10	An attempt by the GENCB macro to generate the RPL control block for the ERDS01 restart data set failed.
00FFFF11	An attempt by the GENCB macro to generate the RPL control block for the ERDS02 restart data set failed.
00FFFF12	An attempt to format the ERDS01 restart data set failed.
00FFFF13	An attempt to format the ERDS02 restart data set failed.
00FFFF14	An attempt to read the ERDS01 restart data set master log record failed.
00FFFF15	An attempt to read the ERDS02 restart data set master log record failed.
00FFFF16	An attempt by the MODCB macro to modify the ERDS01 restart data set RPL control block failed.
00FFFF17	An attempt by the MODCB macro to modify the ERDS02 restart data set RPL control block failed.
00FFFF18	The logger was unable to obtain the LOGQ latch.
00FFFF19	The logger was unable to build the checkpoint queue, CHKPT.

## Reason Codes 01440600 to 060906FF - PowerExchange Utilities

The PowerExchange utilities issues reason codes from 01440600 through 060906FF.

The following table lists the reason codes issued by the PowerExchange utilities:

Reason Code	Explanation
01440600	The DCB failed to open properly.
01440601	The PowerExchange Logger interface utility (EDMXLUTL) could not generate a required DCB.
01440602	The PowerExchange Logger interface utility (EDMXLUTL) could not open a data set.
01440603	The PowerExchange Logger interface utility (EDMXLUTL) could not close a data set.
01440604	The PowerExchange Logger interface utility (EDMXLUTL) could not free a data set.
01440609	A control card error was detected.
01450605	The event command processor was (EDMXLEVT) unable to obtain working storage.
01450606	The event command processor (EDMXLEVT) was unable to load the log utility process module.
01450607	A bad PowerExchange standard record was detected.
01450608	A bad PowerExchange canonical record was detected.
01450618	A PUT function for the output queue failed.
0145061B	The conversion buffer is too small.
01450624	A LOAD function failed for the event command processor (EDMXLEVT).
01450625	The build command service did not return an PowerExchange record.
01450626	The event command processor (EDMXLEVT) could not find any active EDMNAMEs for data capture.
01450627	Excessive number of descriptions (more than 5) to be added to event marker (from EDMXLEVT)
0145062E	The event command processor (EDMXLEVT) could not initialize the log utility because a previous failure occurred.
01450651	A RETURN EDMNAME call failed.
01450652	A DB2 request for a list of table names failed.
01460605	The build command utility (EDMXIBCM) was unable to obtain working storage.
01460619	A bad encoded command was passed to the build command utility (EDMXIBCM).
0146061A	No conversion buffer was passed to the build command utility (EDMXIBCM).
0146061B	The conversion buffer is too small.
0146061C	The conversion buffer length is zero.

Reason Code	Explanation
0146061D	The conversion buffer has a bad header record.
0146061E	No worklist buffer was passed to the build command utility (EDMXIBCM).
0146061F	The worklist buffer is too small.
01460620	The worklist buffer length is zero.
01460621	The worklist buffer has a bad header record.
01460622	A BUILD function failed for a pipe cleaner.
01460623	A BUILD function failed for process termination.
01460625	The build command utility (EDMXIBCM) did not return an PowerExchange record.
01460626	A BUILD function fail for a registration list.
01460627	The data set name is missing for a registration list request.
01460629	The build command utility could not locate a database descriptor.
0146062C	A bad return code was received from a registration list request.
0146062D	The request type entered is not supported by the command module.
0146062F	The requested object category is invalid.
06030646	A TESTCB function failed for the ACB.

## Reason Codes 01800101 to 01FFFFFF - Change Interface Component

The Change Interface Component (CIC) issues reason codes from 01800101 through 01FFFFFF.

The following table lists the reason codes the Change Interface Component (CIC) issues:

Reason Code	Explanation
01800101	An invalid data type was found during an OPEN call.
01800102	The GET and PUT functions require an open token.
01800103	An invalid IPC header was found.
01800104	A prior error requires CIC to stop. For more information, see the previous error.
01800105	No create token was provided.
01800106	A global queue error occurred.
01800107	The PowerExchange Agent is not active

Reason Code	Explanation
01800108	The mailman task ended prematurely.
01800109	An error occurred in the mailman.
0180010A	The 'mailman ended' flag is on.
0180010C	The BUILD CDE function failed.
0180010D	The DELETE CDE function failed.
01810101	CIC is being forced to terminate.
01810102	A global queue error occurred.
01810103	An error occurred during resync processing.
01810104	A cross-memory post failed.
01810105	The PowerExchange Logger quit during the termination process.
01810106	The PowerExchange Logger is inactive, and the global directory (EDMSDIR) requested an abend. This code is returned during initialization in an offline environment.
01810107	The caller requested that CIC post all units of work.
01810108	The PowerExchange Logger has ended.
01810109	The PowerExchange Logger is inactive, and the global directory (EDMSDIR) requested an abend. This code is returned during sync point processing in online IMS and CICS environments.
0181010A	The PowerExchange Logger terminated before the ECCR could connect to the logger.
0181010B	An XCF JOIN function failed.
0181010C	An XCF LEAVE function failed.
0181010D	An XCF PUT function failed.
0181010E	An XCF GET function failed.
0181010F	An XCF FREE BUFFER failed.
01810110	An error occurred when CIC attempted to open a logger queue.
01810111	The logger terminated during CIC initialization.
01820101	The module was unable to get into a supervisory state.
01820102	A name/token CREATE failed.
01820103	A name/token RETRIEVE failed.
01820104	A name/token DELETE failed.

Reason Code	Explanation
01820105	The BUILD CDE function failed.
01820106	The DELETE CDE function failed.
01820107	An error occurred when connecting to common services.
01820108	A disconnect error from common services occurred.
01820109	CIC is loading the program to CSA.
0182010A	Initialization for the module EDMCICLG failed.
0182010B	The PUT function for the module EDMCICLG failed.
0182010C	Termination for the module EDMCICLG failed.
0182010D	A cross-memory post failed.
01830101	An error was returned from the mailman.
01830102	A name/token RETRIEVE failed.
01830103	An invalid length was passed.
01830104	The object's profile was not found.
01830105	The mailman has ended.
01830106	The PowerExchange Agent was unavailable during initialization.
01830107	The PowerExchange Agent was unavailable during a registration call.
01840101	An error occurred when connecting to common services.
01840102	The SET STIMER function failed.
01840103	The STIMER CANCEL function failed.
01840104	An error occurred opening the mailman's queue.
01840105	An error occurred closing the mailman's queue.
01850101	An error was returned from the mailman.
01850102	An error was returned from the mailman.
01850103	The mailman abended.
01850104	The mailman abended.
01850105	The monitor subtask failed.
01850106	The PowerExchange Agent is not active.

Reason Code	Explanation
01850107	An error occurred during a name/token RETRIEVE.
01850108	Initialization for PowerExchange common services failed.
01900101	Initialization for the module EDMCICIN failed.
01900102	Termination for the module EDMCICIN failed.
01900103	The mailman returned an error.
01900104	A previous error occurred. For more information, see the previous error.
01900105	The sync point 'begin phase 1' function failed.
01900106	The sync point 'end phase 2' function failed.
01900107	The logger stopped with abend U4094. The global directory (EDMSDIR) requested the abend.
01900108	The PowerExchange Agent was not active during initialization.
01900109	The PowerExchange Agent was not active during an OPEN call.
01910101	An invalid function was received from the DB2 ECCR.
01910102	No registration list was found for the table name.
01910103	The registration routine returned an error.
01910104	The module could not find a UOW entry, FREEUOW.
01910105	The module could not find UOW entry, RECORD
01910106	Sync point phase 1 failed.
01910107	Sync point phase 2 failed.
01910108	Initialization for the module EDMCICIN failed.
01910109	Termination for the module EDMCICIN failed.
0191010A	The PowerExchange Agent is not active.
0191010B	The PowerExchange Logger is not available.
0191010C	Error in resync processing (receiving outstanding UOWs from Logger)
0191010D	Error in count of outstanding UOWs received from Logger
01920101	A previous error occurred. For more information, see the previous error.
01920102	An invalid function code was encountered.
01920103	The INIT function was called twice.



Reason Code	Explanation
01920104	CIC was not called for initialization.
01920105	The module could not find its entry in the UOW table.
01920106	The module is not capturing the specified file.
01920107	An invalid sync parameter was encountered.
01920109	Initialization for the module EDMCICIN failed.
0192010A	Termination for the module EDMCICIN failed.
0192010B	The registration routine returned an error.
0192010C	The mailman returned an error.
0192010D	The PowerExchange Agent is not active.
01930101	Initialization for the module EDMCICIN failed.
01930102	Termination for the module EDMCICIN failed.
01930103	The IMODULE GETMAIN function failed.
01930104	The IMODULE LOAD function failed.
01930105	The module was unable to get into a supervisory state.
01930106	The module could not find the PowerExchange Agent SSCT.
01930107	The module encountered an invalid agent control block.
01930108	The module could not find the IMS SSCT.
01930109	There are no DBDs to capture.
0193010A	Initialization for the module \$MSGX failed.
0193010B	Termination for the module \$MSGX failed.
0193010C	The PowerExchange Agent is not active.
01940101	The input vector for the calling program is too high.
01940102	The module encountered an invalid UOW address.
01940103	The PowerExchange Logger stopped, and the global options module (EDMSDIR) requested that the ECCRabend.
01960101	An IMS ESS definition is required.
01970101	The database is not registered for capture.
01970102	The module was not passed the working storage address.

Reason Code	Explanation
01970103	A name/token RETRIEVE failed.
01970104	Not an online region.
01990101	No databases to capture.
01990102	The module could not locate the DD name for the DBD in TIOT.
01990103	An error occurred in locating JFCB.
01990104	An error occurred when initializing the registration routine.
01990105	An error occurred during in a GET function from the registration routine
019B0101	The input vector for the calling program is too high.
019B0102	The module encountered an invalid UOW address.
019B0103	The PowerExchange Logger stopped, and the global options module (EDMSDIR) requested that the ECCRabend.
019D0101	An IMS ESS definition is required.
01A00101	A subsystem is required.
01A00102	A global queue error occurred.
01A00103	The \$GENDCB module failed.
01A00104	An OPEN function from the \$GENDCB module failed.
01A00105	A CLOSE function from the \$GENDCB module failed.
01A00106	An FREE function from the \$GENDCB module failed.
01A00107	The DD statement PWXEDMCC is missing.
01A00108	The OPEN function failed.
01A00109	SET STIMER failed.
01A0010A	STIMER CANCEL failed.
01A0010B	An error occurred while the module was connecting to PowerExchange common services.
01A0010C	An XCF JOIN function failed.
01A0010D	An XCF LEAVE function failed.
01A0010E	An XCF DESTDEL function failed.
01A0010F	An XCF GET function failed.
01A00110	An XCF PUT function failed.

Reason Code	Explanation
01A00111	An XCF FREEBUFF function failed.
01A20102	A global queue error occurred.
01A30101	A CIC initialization error occurred.
01A30102	A CIC termination error occurred.
01B70101	The agent from the SSM member is not active.
01B70102	The EDMSCTRL control block is invalid.
01B70103	The program must run in an IMS control region.
01B70104	There is a loop in the "ESAF add" routine.
01A30103	An invalid IPC header was found in the record.
01C40101	The input vector for the calling program is too high.
01C40102	The module encountered an invalid UOW address.
01C40103	The PowerExchange Logger stopped, and the global options module (EDMSDIR) requested that the ECCRabend.
01C70101	An IMS ESS definition is required.

## Function Codes 01 to 0A - Circular Queue

The circular queue issues reason codes that include several parts.

The circular queue reason codes, displayed in the format xxyyzzzz, include the following parts:

- xx is the hexadecimal return code.
- yy is the function code.
- zzzz is the reason code.

[“Reason Codes 04050000 to 0812000C0 - Circular Queue” on page 572](#) lists the circular queue reason codes.

The following table describes the circular queue function codes:

Function Code	Description
01	circular queue initialization (INIT)
02	circular queue termination (TERM)
03	circular queue open (OPEN)
04	circular queue close (CLOSE)
05	circular queue get (GET)

Function Code	Description
06	circular queue put (PUT)
08	circular queue delete (DELETE)
0A	circular queue create (CREATE)
11	set end-of-file (SETEOF) on circular queue
12	circular queue find-token (FNDTKN)

## Reason Codes 04050000 to 081200C0 - Circular Queue

The circular queue issues reason codes from 04050000 through 081200C0.

The following table describes the circular queue reason codes:

Reason Code	Explanation
04050000	The circular queue module (EDMXCIRQ) GET function found no records available and encountered the end-of-file.
04050004	The circular queue module (EDMXCIRQ) GET function found no records available from a conditional GET function.
04120004	The circular queue module (EDMXCIRQ) FNDTKN function could not find the \$DLICQTS opened-input control blocks.
08010004	The circular queue module (EDMXCIRQ) INIT function could not find the address for the \$DLIGPPL parameter list.
08010040	The circular queue module (EDMXCIRQ) INIT function's virtual-storage request for a circular queue initialization-token area failed.
08020004	The circular queue module (EDMXCIRQ) TERM function could not find the address for the \$DLIGPPL parameter list.
08020044	The circular queue module (EDMXCIRQ) TERM could not find the token value for the circular queue initialization control block.
08020048	The circular queue module (EDMXCIRQ) TERM function encountered an invalid circular queue initialization control-block identifier.
08030004	The circular queue module (EDMXCIRQ) OPEN function could not find the address for the \$DLIGPPL parameter list.
08030008	The circular queue module (EDMXCIRQ) OPEN function could not find the \$DLICQMN control block.
08030010	The circular queue module (EDMXCIRQ) OPEN function encountered an invalid open-request type.
08030020	The circular queue module (EDMXCIRQ) OPEN function encountered an unavailable GET TASK block because of too many open requests for input.

Reason Code	Explanation
08030024	The circular queue module (EDMXCIRQ) OPEN function encountered an unavailable dynamic PUT TASK block because the virtual storage request failed.
08030028	The circular queue module (EDMXCIRQ) OPEN function encountered an unavailable static PUT TASK block because of too many open requests for output.
08030030	The circular queue module (EDMXCIRQ) OPEN function encountered a fixed-length logical record length (LRECL) less than 8 bytes.
08030034	The circular queue module (EDMXCIRQ) OPEN function encountered a fixed-length LRECL greater than the maximum value allowed for the queue.
08030036	The circular queue module (EDMXCIRQ) OPEN function does not allow the use of the WAIT=NO setting without also using the GET in LOCATE mode.
08030038	The circular queue module (EDMXCIRQ) OPEN function does not allow the use of the WAIT=NO setting with a global queue.
08040004	The circular queue module (EDMXCIRQ) CLOSE function could not find the address for the \$DLIGPPL parameter list.
08040008	The circular queue module (EDMXCIRQ) CLOSE function could not find the \$DLICQTS control block.
08040010	The circular queue module (EDMXCIRQ) CLOSE function encountered an unopened \$DLICQTS control block.
08040014	The circular queue module (EDMXCIRQ) CLOSE function found that another task opened the \$DLICQTS control block.
08040018	The circular queue module (EDMXCIRQ) CLOSE function encountered an unknown \$DLICQTS control-block task type.
08050004	The circular queue module (EDMXCIRQ) GET function could not find the address for the \$DLIGPPL parameter list.
08050008	The circular queue module (EDMXCIRQ) GET function could not find the token value for the \$DLICQTS control block.
08050010	The circular queue module (EDMXCIRQ) GET function found that the current task control block (TCB) does not own the \$DLICQTS control block.
08050014	The circular queue module (EDMXCIRQ) GET function found a \$DLICQTS control block not opened for input.
08050018	The circular queue module (EDMXCIRQ) GET function found a \$DLICQTS control block at the end-of-file.
08050020	The circular queue module (EDMXCIRQ) GET function encountered an invalid \$DLICQEB control block.
08060004	The circular queue module (EDMXCIRQ) PUT function could not find the address for the \$DLIGPPL parameter list.
08060008	The circular queue module (EDMXCIRQ) PUT function could not find the token value for the \$DLICQTS control block.

Reason Code	Explanation
08060010	The circular queue module (EDMXCIRQ) PUT function found that the current task control block (TCB) does not own the \$DLICQTS control block.
08060014	The circular queue module (EDMXCIRQ) PUT function found a \$DLICQTS control block not opened for output.
08060018	The circular queue module (EDMXCIRQ) PUT function encountered an invalid record size.
08060020	The circular queue module (EDMXCIRQ) PUT function encountered a non-zero return code from a STATUS SET,MC,PROCESS macro call
08060024	The circular queue module (EDMXCIRQ) PUT function encountered a non-zero return code from a STATUS RESET,MC,PROCESS macro call
08080004	The circular queue module (EDMXCIRQ) DELETE function could not find the address for the \$DLICQPL parameter list.
08080008	The circular queue module (EDMXCIRQ) DELETE function could not find the address for the \$DLICQMN control block.
08110004	The circular queue module (EDMXCIRQ) SETEOF function could not find the address for the \$DLICQPL macro.
08110010	The circular queue module (EDMXCIRQ) SETEOF function encountered an invalid control-block identifier for the \$DLICQMN control block.
08110014	The circular queue module (EDMXCIRQ) SETEOF function found unclosed PUT tasks.
08110018	The circular queue module (EDMXCIRQ) SETEOF function found no available buffer space for the end-of-file indication.
08120004	The circular queue module (EDMXCIRQ) FNDTKN function could not find the address for the \$DLIGPPL parameter list.
08120008	The circular queue module (EDMXCIRQ) FNDTKN function could not find the token value for the \$DLICQMN control block.
08120010	The circular queue module (EDMXCIRQ) FNDTKN function encountered a missing TCB owner value.
08120014	The circular queue module (EDMXCIRQ) FNDTKN function found that the current address space did not create this queue.
08120018	The circular queue module (EDMXCIRQ) FNDTKN function could not find any input \$DLICQTS control blocks for this queue.
0803000C	The circular queue module (EDMXCIRQ) OPEN function encountered an invalid control-block identifier for the \$DLICQMN control block.
0803003C	The circular queue module (EDMXCIRQ) OPEN function does not allow the use of the find-token (FNDTKN=Y) parameter with a global queue.
0804000C	The circular queue module (EDMXCIRQ) CLOSE function encountered an invalid control-block identifier for the \$DLICQTS control block.

Reason Code	Explanation
0804001C	The circular queue module (EDMXCIRQ) CLOSE function found that an incorrect task attempted to close the \$DLICQTS control block (FNDRKN processing).
0805000C	The circular queue module (EDMXCIRQ) GET function encountered an invalid control-block identifier for the \$DLICQTS control block.
0805001C	The circular queue module (EDMXCIRQ) GET function encountered a COND=YES setting along with an incompatible WAIT=NO setting.
080500FF	The circular queue module (EDMXCIRQ) GET function encountered a termination request from the CQTECB post code.
0806000C	The circular queue module (EDMXCIRQ) PUT function encountered an invalid control-block identifier for the \$DLICQTS control block.
0806001C	The circular queue module (EDMXCIRQ) PUT function encountered an invalid \$DLICQEB control block.
080600FF	The circular queue module (EDMXCIRQ) PUT function encountered a termination request from the CQTECB post code.
0808000C	The circular queue module (EDMXCIRQ) DELETE function encountered an invalid identifier for the \$DLICQMN control block.
080A0004	The circular queue module (EDMXCIRQ) CREATE function could not find the address for the \$DLIGPPL parameter list.
080A0010	The circular queue module (EDMXCIRQ) CREATE function encountered a subpool value outside 0 and 255 (inclusive).
080A0014	The circular queue module (EDMXCIRQ) CREATE function encountered a GET task-count value outside 1 and 15 (inclusive).
080A0018	The circular queue module (EDMXCIRQ) CREATE function encountered a PUT task-count value outside 0 and 255 (inclusive).
080A001C	The circular queue module (EDMXCIRQ) CREATE function encountered a buffer count value outside 1 and 255 (inclusive).
080A0020	The circular queue module (EDMXCIRQ) CREATE function encountered a buffer size value outside 4096 and 32760 (inclusive).
080A0030	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request for the \$DLICQMN control block failed.
080A0034	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request failed for the \$DLICQTS control block (GET TASK function).
080A0038	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request failed for the \$DLICQTS control block (PUT TASK function).
080A003C	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request for circular queue buffers failed.

Reason Code	Explanation
0811000C	The circular queue module (EDMXCIRQ) SETEOF function could not find the token value for the \$DLICQMN control block.
0812000C	The circular queue module (EDMXCIRQ) FNDTKN function encountered an invalid control-block identifier for the \$DLICQMN control block.

## Reason Codes 0A0A000E to 0A0B00D8 - Log Write API

The Log Write API issues function reason codes from 0A0A000E through 0A0B00D8.

The following table lists the Log Write API function reason codes:

Reason Code	Explanation
0A0A000E	FirstThreeParmsIncomplete
0A0A0010	EdmcstubGetmainFailed
0A0A0011	LoadForEdmciapiFailed
0A0A0012	TokenFunctionMismatch
0A0A0013	InvalidToken
0A0B0001	TooManyParms
0A0B0002	RegTypeConflictWithAgent
0A0B0003	FunctionUnknownOrInvalidPerInitParms
0A0B0004	NotEnoughParmsForFunction
0A0B0005	FunctionProhibitedType0
0A0B0006	FunctionProhibitedMultiTasked
0A0B0007	UOWNamelsNotLoggerConnectName
0A0B0008	DataParmInvalid
0A0B0009	2ndDataParmInvalid
0A0B000A	FunctionInvalidPerInitOptions
0A0B000B	InvalidInitParm
0A0B000C	InternalErrorHandlingRegistrations
0A0B000D	InvalidAPIInitToken
0A0B000F	NullParameterPassed



Reason Code	Explanation
0A0B0014	NoAPIInitToken
0A0B0015	APIInitTokenFunctionMismatch
0A0B0016	TokenGetmainFailed
0A0B0017	LoggerDisconnectFailed
0A0B0018	TERM_indoubt_UOW
0A0B0019	RegistrationCheckFailed
0A0B001A	LoggerConnectionFailed
0A0B001B	LoggerQueueOpenFailed
0A0B001C	LoggerInterfaceWriteFailed
0A0B001D	UOWAlreadyExists
0A0B001F	SendingChangeAfterCHK1
0A0B0020	InternalErrorProcessingUOWs
0A0B0021	CommonSvcsInitFailed
0A0B0022	CommonSvcsConnectFailed
0A0B0023	ErrorObtainingLoggerResyncInfo
0A0B0024	ErrorTerminatingCommonSvcs
0A0B0025	HighSeqNotAscending
0A0B0026	LowSeqNotAscendingOrZero
0A0B0027	NameTokenFunctionFailed
0A0B0028	MissingAPIInitToken
0A0B0029	InconsistentMultiTaskInits
0A0B002A	UOWNotFound
0A0B002B	MustIssueCHK1First
0A0B002C	TooMuchExtendedInfoInPkt
0A0B002D	TooMuchExtendedInfoInChng
0A0B002E	InvalidLCIReturnArea
0A0B002F	MissingMSGDescTag

Reason Code	Explanation
0A0B0030	InvalidDescTag
0A0B0031	EventMarkBuildFailed
0A0B0032	EvntMaxEdmnamesExceeded
0A0B0033	EvntMaxDescExceeded
0A0B0034	RegistrationInitializationFailed (this is new)
0A0B0035	AgentServicesUnavailable (this is new)
0A0B0036	RegistrationConnectionFailed
0A0B0037	RegistrationDisconnectionFailed
0A0B0038	InitType1MultiTaskedProhibited
0A0B0039	ConnTokenLogicErrorOnInit
0A0B003A	APIConnTokenNotFoundInChain
0A0B003B	APIConnTokenLogicErrorAtTerm
0A0B003C	FunctionProhibitedSingleTaskTerm
0A0B003D	LoggerMultitaskDisconnectFailed
0A0B003E	RegistrationMultitaskDisconnectionFailed
0A0B0080	RegistrationNameTooLong
0A0B0081	EccrNameTooLong
0A0B0082	Wrapper_InternalError
0A0B0083	Wrapper_TokenFunctionMismatch
0A0B0084	Wrapper_MemoryAllocationFailed
0A0B0085	Wrapper_InvalidToken
0A0B0086	Wrapper_UserIdTooLong
0A0B0087	Wrapper_MessageTooLong
0A0B00C0	XData_GNRS_Error
0A0B00C1	XData_RSTR_Error
0A0B00C2	XData_GHSQ_Error
0A0B00C3	XData_GLCI_Error

Reason Code	Explanation
0A0B00D0	XData_LR_INIT_Error
0A0B00D1	XData_LR_CONN_Error
0A0B00D2	XData_LR_OPEN_Error
0A0B00D3	XData_LR_GETL_Error
0A0B00D4	XData_LR_BUOW_Missing
0A0B00D5	XData_LR_NoRecords
0A0B00D6	XData_LR_BUOWsNotFound
0A0B00D7	XData_LR_PrematureEOF
0A0B00D8	XData_LR_SIGNON_Missing

## Reason Codes 0A0D0300 to 0A0E0320 - Log Read API

The Log Read API issues function reason codes from 0A0D0300 to 0A0E0320.

The following table lists the Log Read API function reason codes:

Reason Code	Explanation
0A0D0300	EdmlrstbGetmainFailed
0A0D0301	LoadForEdmlrapiFailed
0A0D0302	TokenFunctionMismatch
0A0D0303	InvalidToken
0A0D02FE	FirstThreeParmsIncomplete
0A0E0001	GETL_PROGRESS
0A0E0002	GETL_TIMEOUT
0A0E0003	GETL_EOF
0A0E0050	TooManyConnects
0A0E0051	InvalidSTDChgRec
0A0E0052	InvalidChgRecPFormat
0A0E0053	InvalidCRFChgRec
0A0E0054	InvalidSBCChgRec

Reason Code	Explanation
0A0E0055	ConnectionIsOpen
0A0E0056	ConnectionNotOpen
0A0E0057	InvalidCONNParam
0A0E0058	LoggerConnectionFailed
0A0E0059	IncorrectHeaderVersion
0A0E005A	ESTAEFailedInHelper
0A0E005B	HelperAttachFailed
0A0E005C	MissingOrDupSegs
0A0E005D	SegBufferSizeError
0A0E005E	InvalidOpenRBASeg
0A0E005F	ErrorManagingSegments
0A0E0060	ConnectionAlreadyOpen
0A0E0061	HelperTaskFailed
0A0E0062	LoggerDidNotRespondToCommand
0A0E0063	LoggerTerminatedConnection
0A0E0064	InvalidEventRec
0A0E0065	StorageObtainFailedInHelper
0A0E0066	OPENEndSEQItBeginSEQ
0A0E0067	InternalPlistError
0A0E0070	TimerSvcsActiveTimerInTransition
0A0E0071	TimerSvcsNoCONNToken
0A0E0072	TimerSvcsSTIMERError
0A0E0073	TimerSvcsTimerAlreadyExists
0A0E0074	TimerSvcsTimerIDMismatch
0A0E0075	TimerSvcsNoActiveTimerInToken
0A0E0076	TimerSvcsTooManyTimers
0A0E0100	InvalidTokenType

Reason Code	Explanation
0A0E0101	InvalidINITToken
0A0E0102	InvalidCONNTOKEN
0A0E0103	ErrorCreatingLRAPILocalQueue
0A0E0104	ErrorOpeningLRAPILocalQueue
0A0E0105	ErrorLRAPILocalQueueNotOpen
0A0E0106	ErrorReadingLRAPILocalQueue
0A0E0107	ErrorLRAPILocalQueueEOF
0A0E0108	MoreThanOneAPIPerTCB
0A0E0109	ModuleLoadFailed
0A0E010A	ErrorWritingLRAPILocalQueue
0A0E010B	ErrorCreatingINTLSTCommand
0A0E010C	InterestListFailed
0A0E0110	ErrorDuringXCFJoin
0A0E0111	ErrorCreatingLoggerGlobalQueue
0A0E0112	ErrorOpeningLoggerGlobalQueue
0A0E0113	ErrorClosingLoggerGlobalQueue
0A0E0114	ErrorSendingCmdToLogger
0A0E0115	ErrorReadingLoggerGlobalQueue
0A0E0116	ErrorTerminatingCommonSvcs
0A0E0117	ErrorInXCFGetMsg
0A0E0118	ErrorInXCFGetGroup
0A0E0119	ErrorInXCFFreeBuff
0A0E011A	RequestDataXferFailed
0A0E011B	InvalidRecordFromLogger
0A0E011C	StopDataXferFailed
0A0E011D	InvalidLCIReturnArea
0A0E011E	InvalidOpenParm

Reason Code	Explanation
0A0E011F	BeginSeqRequired
0A0E0120	SEDMInitError
0A0E0121	SEDMAAddError
0A0E0122	SEDMAAddDuplicateEdmname
0A0E0123	SEDMTermError
0A0E0124	SEDMInternalError
0A0E02F5	TooManyParms
0A0E02F6	FunctionUnknownOrInvalidPerInitParms
0A0E02F7	NotEnoughParmsForFunction
0A0E02FF	NullParameterPassed
0A0E0304	TokenGetmainFailed
0A0E0317	CommonSvcsInitFailed
0A0E0318	CommonSvcsConnectFailed
0A0E0319	AgentServicesUnavailable
0A0E0320	ErrorProcessingExternalParameters

## Reason Codes 10000001 to 1007FFFF - DB2 ECCR

The DB2 ECCR issues reason codes from 10000001 to 1007FFFF.

The following table lists the DB2 ECCR reason codes:

Reason Code	Explanation
10000001	The PowerExchange initialization module (CCDINI0) encountered an error when it attempted to initialize PowerExchange common services.
10000002	The PowerExchange initialization module (CCDINI0) encountered an error when it attempted to connect to PowerExchange common services.
10000003	The PowerExchange initialization module (CCDINI0) encountered an error when it attempted to initialize the schema checker (CCDSCH0).
10030001	An attempt to get an EDMNAME failed.
10030002	An attempt to get a schema failed.
10030003	An attempt to change a schema failed.

Reason Code	Explanation
10030004	An error occurred when the PDX interface (CCDRIOM) tried to acquire a command buffer.
10030005	An error occurred when the PDX interface (CCDRIOM) tried to acquire a reply buffer.
10030006	An error occurred when the PDX interface (CCDRIOM) received a call from the \$RIOM macro.
10030007	The PDX interface (CCDRIOM) could not find the EDMNAME in the registration list.
10040001	The DB2 schema does not match the registration in the PowerExchange repository.
10040002	An attempt to build an RCD record failed.
10040003	A GETSCHEM call to the PDX interface (CCDRIOM) failed.
10040005	During initialization, the DB2 ECCR schema checker (CCDSCHE) could not find a schema that matched the schema specified in the message.
10060001	Schema verification failed.
10070001	The DB2 ECCR found an invalid log record type.
10070002	The DB2 ECCR could not locate the CREATE TIME field for the change record.
10070003	The DB2 ECCR could not locate the ALTER TIME field for the change record.
10070004	The DB2 ECCR (X029261) was unable to determine the DB2 version.
10070005	The DB2 ECCR could not locate the data definition language (DDL) record end.
10070006	The DB2 ECCR could not determine the data type for the column.
10070007	The DB2 ECCR could not locate the source type identification (SOURCETYPEID) in the SYSCOLUMNS row.

## Reason Codes 00000004 to 00000054 - Chainer Module (EDMQMGR0)

The Chainer Module issues reason codes from 00000004 to 00000054.

The following table lists the Chainer Module reason codes:

Reason Code	Explanation
00000004	Record Not Found
00000008	Insufficient Storage
0000000C	Invalid Record Prefix (Bad Addr)
00000010	Invalid Flags or Key Addr
00000014	Invalid Function Code

Reason Code	Explanation
00000018	Invalid Blksize/datal/lrecl
0000001C	TOQ Is Invalid
00000020	Invalid Freespace Id
00000024	Broken Synonym Chain
00000028	KEYL Is Zero
0000002C	Ver Failed - BLKSIZE
00000030	Ver Failed - Record Prefix
00000034	Ver Failed - Ff000000 Not Last
00000038	Exit Returned Non-zero
0000003C	Chain In Use
00000040	Chain Already Locked, Lock Fails
00000040	Chain Not Locked, Unlock Fails
00000048	Invalid Owner of Locked Chain
0000004C	Serial Option Required Lock/unlk
00000050	Invalid Register Form Params
00000054	Pagefix Unknown Return Code