



Informatica® Informatica Data Archive  
6.4.3 HotFix 1

# Release Notes

Informatica Informatica Data Archive Release Notes  
6.4.3 HotFix 1  
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# Abstract

This document contains important information about installation, fixed limitations, and known limitations for ILM Data Archive.

# CHAPTER 1

## Version 6.4.3 HotFix 1

This chapter includes the following topics:

- [Installation and Upgrade, 5](#)
- [6.4.3 HotFix 1 Emergency Bug Fixes, 6](#)
- [6.4.3 HotFix 1 Fixed Limitations, 6](#)
- [6.4.3 HotFix 1 Known Limitations, 8](#)

## Installation and Upgrade

### Data Vault Utilities

If you use Data Vault with SSL enabled, you must update the environment variables in the session where you run any Data Vault utilities.

This includes the ssabackup, ssarestore, ssacleanup, ssamigrate, ssatune, ssadesc, ssapart, or ssadbcopy utilities.

Depending on the operating system, update the PATH variable to the following settings:

AIX Environment	- Export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:\$SSA_INI_DIR/odbc32 - export LIBPATH=\$LIBPATH:\$SSA_INI_DIR/odbc32
HPUX Environment	- Export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:\$SSA_INI_DIR/odbc32 - Export SHLIB_PATH=\$SHLIB_PATH:\$SSA_INI_DIR/odbc32
Linux Environment	- Export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:\$SSA_INI_DIR/odbc32
Microsoft Windows Environment	- set PATH=%PATH%;%SSA_INI_DIR%\odbc32;

## 6.4.3 HotFix 1 Emergency Bug Fixes

Data Archive 6.4.3 HotFix 1 includes the following emergency bug fixes:

EBF	Description	Version
EBF9103	The SSADL process hangs during the Data Vault Loader job when the BCP file has null ASCII character as part of the data.	6.4 HotFix 1
EBF9094	A Java heap space issue occurs while the load external attachment job runs.	6.4 HotFix 2
EBF9032	Microsoft SQL Server 2014: Importing metadata in the background fails because a multi-part identifier could not be found.	6.4.3
EBF9031	JDBC driver issue: Other than the public schema, the default schema is not set through the JDBC driver by default when the user establishes the connection.	6.4.3
EBF8851	When the row count value is greater than 2 power 31, a NumberFormatException occurs during the Apply Legal Hold job while it is writing to log.	6.4 HotFix 2
EBF8832	The Data Vault Loader job fails with the dynamic SQL error code: -104 Unexpected end of command - line 1, column 65480 error	6.4 HotFix 1
EBF8735	The check full tables command validates all the tables across the database instead of checking for the specified database/table.	6.4.3
EBF8666	BLOB and CLOB data is not masked when Dynamic Data Masking is enabled.	6.4.3

## 6.4.3 HotFix 1 Fixed Limitations

Review the Release Notes of previous releases for information about previous fixed limitations.

The following table describes fixed limitations:

Issue	Description
DA-5048	You are unable to view objects and tables in the Dashboard, which redirects to an error page with the error: "User doesn't have privileges to access this page or this page doesn't exist."
DA-5009	Within the healthcare release of information form, the front page report generates a PDF with two pages and page two is blank.
DA-5008	The healthcare release of information form does not have a label that indicates the required fields must be completed.
DA-4975	The optional folder should contain all healthcare reports for custom solutions.
DA-4971	The sort option for searching the Data Vault does not work in Internet Explorer.
DA-4932	The keyword search page takes too long to load and returns the following error: "error occurred in retrieving indexed applications."

Issue	Description
DA-4812	Transaction restore appends quotes around the tables incorrectly, causing an "invalid character" error when the query runs.
DA-4737	The audit log scheduler creates an incorrect CRON expression, which causes jobs to not run daily.
DA-4724	You are unable to open the external link from the Patient Archives if the user does not have the report administrator role.
DA-4499	The archive/retirement job to Data Vault fails with the XML datatype for a Teradata database in non-bulk mode.
DA-4296	When you close the Patient Archives, select an application, and try to search for a patient name in the Patient Archives, you cannot select the patient search text box.
DA-4201	Microsoft SQL Server 2012: Enhanced import fails when you run it as a background job, if the ILM repository database already exists and the schema and password are different.
DA-4022	"Nursing" is spelled incorrectly in the release of information and healthcare report file names.
DA-3829	You are unable to download files with the extension ".docx" in Data Discovery.
DA-3649	When you select the list of values for the destination repository while scheduling the create archive folder standalone job, you receive the error "identifier is too long."
DA-3626	The value of the mandatory parameter "ORG_ID" is ignored when it is typed instead of selected from the list of values during archive project configuration.
DA-3613	Files from Data Discovery are downloaded with double file extensions for the AM_ATTACHMENTS table.
DA-3513	If the ILM repository password contains multibyte characters, you are unable to access the Enterprise Data Manager after upgrading to version 6.4.3.
DA-3379	Table names are truncated in the row count validation report generated during the copy to destination step of the archive job.
DA-3215	During retirement definition creation, you are able to create duplicate roles.
DA-2803	The create indexes standalone job does not create reverse key unique indexes.
DA-2638	Auto-complete should be disabled on the Data Archive login page.
DA-1050	The AMLogin.htm, viewJobs.htm, and currentJobList.htm pages have a cross-frame scripting vulnerability.

## 6.4.3 HotFix 1 Known Limitations

The following table describes known limitations:

Issue	Description
DA-5074	If the number of legal holds at the table or row level exceeds the maximum limit, the table may become inaccessible with the error "Invalid LEGALHOLD serialization stream." The maximum limit at table level is 256 and at row level is 32.
DA-5072	The export and import jobs in the application migration process fail when SSL is enabled. Workaround: Before you use the application migration process, update the Data Vault Data Archive plugin. Pre-pend the odbc32 directory, where 32-bit SSL modules reside, to the LD_LIBRARY_PATH/LIBPATH. For example: LD_LIBRARY_PATH=\$1/webapp/file_archive/odbc:\$1/webapp/file_archive\$1/webapp/file_archive/odbc32:\$LD_LIBRARY_PATH LIB_PATH=\$1/webapp/file_archive/odbc:\$1/webapp/file_archive/odbc32:\$LIB_PATH
DA-5064	Salesforce archiving: The driver throws a "java.net.SocketException" exception while deleting records from tables when the tables have a large number of records. Workaround: Resume the job in Data Archive.
DA-5029	Salesforce archiving: The currency datatype value will be rounded off if it is created with high range precision.
DA-5028	Salesforce archiving: Text Area (Rich) or HTML fields that contain an image will not be archived.
DA-5027	Salesforce archiving: Creating interim tables in Salesforce is not supported if "Namespace" prefix is configured in Salesforce. Workaround: give the interim schema as "PUBLIC" instead of "SFORCE." The "PUBLIC" value will create a table in the local database.
DA-5026	Salesforce archiving: Primary key constraints name (PK_NAME) is not unique in different Enterprise Data Manager instances or different driver databases. Workaround: Salesforce JDBC driver creates local database files like <Driver_Database>.config, <Driver_ Database>. properties, etc. in computer-1 while mining. Copy those configuration files into computer-2 and mine the same table.
DA-5025	Salesforce archiving: Polymorphic relationships will not be mined in the Enterprise Data Manager. Workaround: Once objects are mined, you can create logical foreign key constraints between child and parent tables.
DA-4956	The test JDBC connectivity standalone job fails for Data Vault.
DA-4897	If the number of domains or tables in a schema or database is very large, the ssacleanup utility might take a long time or hang when cleaning the entire schema or database.
DA-4883	A select query with aggregation may report an incorrect result when non-grouping columns are part of select list.



Issue	Description
DA-4732	<p>When you try to run existing reports, they will fail if you run the reports directly from Data Visualization Designer or "Advanced Reporting" on the new SSL-enabled environment.</p> <p>Workaround: For Data Visualization Designer, modify the JDBC URL with SSL=1.</p> <p>For Advanced Reporting, first run the report from Reports and Dashboards or Patient Archives, then run from Advanced Reporting.</p>
DA-4035	<p>The Data Vault Loader Job fails when Dynamic Data Masking connection details are used in the target connection.</p> <p>Workaround: While running the loader, change the target connection port in <code>nucleus.ini</code>, in the plugin path (Webapp/fileArchive).</p>

# CHAPTER 2

## Version 6.4.3

This chapter includes the following topics:

- [Installation and Upgrade, 10](#)
- [6.4.3 Emergency Bug Fixes, 11](#)
- [6.4.3 Fixed Limitations, 13](#)
- [6.4.3 Known Limitations, 14](#)

## Installation and Upgrade

### Java Upgrade

Data Archive 6.4.3 requires the Java Runtime Environment (JRE) SE 8 and Java Development Kit (JDK) SE 8. Previously, Data Archive required JRE and JDK SE 7 (1.7). Upgrade to Java SE 8.

Users with PowerExchange ODBC source connections must continue to use Java SE 7, as the JDBC-ODBC bridge is incompatible with Java 8.

Ensure that the Java version is the same between server and client (the Enterprise Data Manager and the Data Visualization Designer).

If an invalid JAVA\_HOME path is set by Java 8, the Data Archive installer may not proceed or error out. To resolve this issue, remove the string "C:\ProgramData\Oracle\Java\javapath" from the path and then proceed with the installation.

### Enterprise Data Manager

If you upgrade to version 6.4.3, delete the JNLP file in the Enterprise Data Manager and download a new version of the file by launching the Enterprise Data Manager. This downloads the JNLP file to the browser's default download location. You can also copy the file to any other location.

If you encounter any issues launching the Enterprise Data Manager, clear the Java cache from the client machine.

### Informatica Data Archive Profiling

To use the profiling-related options available in the Enterprise Data Manager, you must install Informatica Data Archive Profiling with the new Informatica Data Archive Profiling installer that corresponds to your version of PowerCenter. For more information on the Data Archive Profiling installer, see the *Data Archive Installation Guide*.

## Data Vault Utilities

If you use Data Vault with SSL enabled, you must update the environment variables in the session where you run any Data Vault utilities. This includes the ssabackup, ssarestore, ssacleanup, ssamigrate, ssatune, ssadesc, ssapart, or ssadbcopy utilities.

Depending on the operating system, update the PATH variable to the following settings:

- IBM AIX:

```
Export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$SSA_INI_DIR/odbc32
Export LIBPATH=$LIBPATH:$SSA_INI_DIR/odbc32
```

- HP-UX:

```
Export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$SSA_INI_DIR/odbc32
Export SHLIB_PATH=$SHLIB_PATH:$SSA_INI_DIR/odbc32
```

- Linux:

```
Export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$SSA_INI_DIR/odbc32
```

- Microsoft Windows:

```
set PATH=%PATH%;%SSA_INI_DIR%\odbc32;
```

## Data Vault Clients

Upgrade all Data Vault clients, such as SSASQL and SSAADMIN, to the 6.4.3 version. Data Vault clients from versions 6.4 - 6.4 HotFix 2 are incompatible with the 6.4.3 Data Vault server in SSL mode.

## Data Visualization Designer

You must use the latest version of Data Visualization Designer that is shipped with Data Archive 6.4.3.

After you extract the Data Archive 6.4.3 Data Visualization Designer, complete the following tasks:

1. Under **File > Preview**, select the **Run Linked Report** checkbox. This allows you to run linked reports from Data Visualization Designer.
2. If you are upgrading from 6.4 or 6.4 HF1, clear your browser cache if you use Google Chrome or Internet Explorer.

**Note:** In versions 6.4 and 6.4 HF1, it was not mandatory to give a valid DATE pattern for the report parameter "DATE," due to a bug. This bug has been fixed in version 6.4.3. Because of this fix, some reports might fail with a DATE validation exception.

# 6.4.3 Emergency Bug Fixes

Data Archive 6.4.3 includes the following emergency bug fixes:

EBF	Description	Version
17888	A discrepancy exists with the -o option of SSADBCOPY.	6.4HF1
7167	SSADL crashes due to bad allocation of memory.	6.4HF1
17253	The extract job is very slow when checksum is enabled.	6.4HF2
17418	Invalid encryption key specified while executing a JOIN query in Data Vault.	6.4HF2

EBF	Description	Version
17691	Integrated validation returns a column deviation, even though there is no row deviation.	6.4HF2
17748	A query returns a different number of rows in Data Vault and the Oracle 11g source.	6.4HF2
17915	Data Vault query fails when the table name, column name, and alias name contain spaces.	6.4HF2
7125	SSADBCOPY fails with the error: "Error occurred while validating metadata record," when the table has more than 1200 columns.	6.4HF2
7354	CREATE TABLE command in Data Vault should not allow more than 4093 columns (including the meta field columns).	6.4HF2
17407	The delete from source step fails with "Row count validation error" during a transaction restore job.	6.3
17941	Existing users will be unable to use the Enterprise Data Manager and signed jars, as the edmkeystore certificate expires 24 September 2016.	6.3
17942	Existing users will be unable to use the Enterprise Data Manager and signed jars, as the edmkeystore certificate expires 24 September 2016.	6.4
17338	- 17338: The <b>Data Discovery &gt; Manage Retention &gt; Entities</b> page takes a long time to load. - 17314: The Data Vault loader fails with a "check import history" error.	6.2 HF2
17940	Existing users will be unable to use the Enterprise Data Manager and signed jars, as the edmkeystore certificate expires 24 September 2016.	6.2 HF2
17523	Users with the Administrator role can change their existing role to the Security Administrator role.	6.4HF1
17530	Users without an entity access role can download exported data from the Data Discovery keyword search.	6.4HF1
17827	The archive structured digital records job deletes the staging folder created for the processing tables.	6.4HF1
17943	Existing users will be unable to use the Enterprise Data Manager and signed jars, as the edmkeystore certificate expires 24 September 2016.	6.4HF1
17473	- 17473: The <b>Data Discovery &gt; Manage Retention &gt; Entities</b> page takes a long time to load. - 17364: The seamless access job fails while creating views in the am_combined schema, due to an error in the SQL query syntax.	6.4 HF2
17253	User cannot import metadata into the Enterprise Data Manager if the database name starts with a number.	6.4 HF2
17512	- 17512: A memory issue occurs when the number of rows per BCP file is more than 500 while processing SAP ADK tables. - 17488: Customer request for a Release of Information solution.	6.4 HF2
17601	- 17601: Data Vault Loader job fails with a dynamic SQL error for a large number of BCP files during load to EMC Centera. - 17509: Enhanced export creates incomplete "ilm_data_XA_ENTITY_STEPS.xml," leading to an error during the import operation. - 17489: Column names are truncated in .csv file export from Browse Data for the longer column names.	6.4 HF2

EBF	Description	Version
17610	<ul style="list-style-type: none"> <li>- 17610: Users without an entity access role can download exported data from the Data Discovery keyword search.</li> <li>- 17602: If the record count of a table is more than 102261127, legal hold is not applied to all the records, but the job completes successfully.</li> </ul>	6.4 HF2
18013	<ul style="list-style-type: none"> <li>- 18013: Error during copy to destination step: "Illegal/unsupported escape sequence."</li> <li>- 17733: The integrated validation job fails with an "unknown column error" when column names contain multibyte characters.</li> </ul>	6.4 HF2
6927	<ul style="list-style-type: none"> <li>- 6927: The standalone jobs "Move from history segment to default segments" and "Move from default segment to history segments" doesn't correctly move data for all segments except the first segment.</li> <li>- 6908: The segmentation job for custom tables fails if the table already has an HDM_ID table.</li> </ul>	6.4 HF2
7243	<ul style="list-style-type: none"> <li>- 7243: The <b>Data Visualization &gt; Reports and Dashboards</b> menu item displays a blank page when the language setting of the browser is French.</li> <li>- 7232: Restore jobs to Informix fail because empty string isn't the same as NULL.</li> <li>- 7217: The compress segments job fails with the advanced compression enabled.</li> </ul>	6.4 HF2
7336	When you view the AM_ATTACHMENT table through the <b>Data Discovery &gt; Browse Data</b> menu and download a file with a Japanese character in the file name, the file is downloaded with a blank space in the file name instead of a Japanese character.	6.4 HF2
17944	Existing users will be unable to use the Enterprise Data Manager and signed jars, as the edmkeystore certificate expires 24 September 2016.	6.4 HF2

## 6.4.3 Fixed Limitations

Review the Release Notes of previous releases for information about previous fixed limitations.

The following table describes fixed limitations:

CR	Description
IDV-399	Duplicate column names are allowed in the Data Vault "CREATE TABLE" statement.
DA-3391	Smart partitioning tables are not included in the enhanced export and import functionality in the Enterprise Data Manager.
DA-3377	In the Application Retirement for Healthcare Accelerator, you cannot process a payment if the AR Burndown entity contains a custom table.
DA-3162	Archive job from a history database fails if the WHERE clause contains a table that is not part of the entity.
DA-3129	Row count reports do not match between the "copy to destination" and "loader job" steps when the retirement or archive definition has multiple entities, or when same table is present multiple times in the entity (multiple WHERE clauses).

CR	Description
DA-2992	The export function in Browse Data stores the column names in VARCHAR(4000), which truncates column names beyond 4000 characters.
DA-2991	When you browse data or search within a Data Vault entity, you are unable to export more than 306 records to .pdf or .csv format.
DA-2680	In the file archive restore list of values, the job ids are not sorted in order.
DA-2658	In the Enterprise Data Manager, offline import of metadata fails with a "number format exception" for Sybase sources.
DA-2653	The Browse Data page displays entities in the entity popup that are not in the selected archive folder.
DA-2634	Data Vault installation on an NFS drive fails for the AIX platform due to a Firebird limitation.

## 6.4.3 Known Limitations

The following table describes known limitations:

CR	Description
IDV-413	The Data Vault utility "ssacleanup" fails for database, schema, and table names with Polish characters.
IDV-395	If a table has a grandchild table and the table names contain a period (.), the update retention job fails for a column-level policy.
IDV-353	The maximum length of a domain name in Data Vault is 128 characters.
IDV-309	When loading to Data Vault, the maximum length of a row in the .bcp file is 128,000 characters.
IDV-211	The Data Vault "ssapart" utility does not support the partition of encrypted .sct files.
DA-3511	The import index metadata job that updates index columns for Data Discovery keyword search fails when the table or column name contains a comma (",").
DA-3493	You are unable to create a report if a table has a large amount of image (BLOB) data.
DA-3445	You are unable to import custom accelerators from the <b>Segmentation</b> tab in the Enterprise Data Manager.
DA-3380	Nanoseconds data does not display in the Browse Data functionality for TIMESTAMP columns. Workaround: To see nanoseconds in Browse Data, modify the default date format present in the system profile ( <b>System Profile &gt; Data Discovery Portal &gt; Date Format Search Results</b> ) property. In "yyyy-MM-dd HH:mm:ss.ssssss," .s denotes the nanosecond precision.
DA-3359	Existing materialized views do not appear in the JReport web interface.
DA-3235	The reports in the Application Retirement for Healthcare Accelerator download very slowly when the dhtmljsp/docs directory is huge.

<b>CR</b>	<b>Description</b>
DA-3081	In the Enterprise Data Manager, only the last imported profiling results appear when you import the results using Informatica Data Quality .xml files.
DA-3080	Unique keys appear twice in the profiling results.
DA-2904	Retirement/File Archive not supported for user-defined data types of Teradata sources.

## CHAPTER 3

# Informatica Global Customer Support

You can contact a Global Support Center by telephone or through Online Support on Informatica Network.

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

<http://www.informatica.com/us/services-and-training/support-services/global-support-centers>.

If you are an Informatica Network member, you can use Online Support at <http://network.informatica.com>.