



## Contents

Enhancements.....	1
Fixes.....	2
Known Limitations.....	2
Informatica Global Customer Support.....	3

This document contains important information about Informatica PowerExchange CDC Publisher version 1.3.

For more information about the product, explore the Documentation Portal at <https://docs.informatica.com> or search the Knowledge Base at <https://search.informatica.com>.

## Enhancements

The following table describes closed enhancement requests:

Enhancement	Description
PWXPUB-164	A sequence field was added to PowerExchange CDC Publisher to perform sort and max operations on the CDC stream when needed.
PWXPUB-162	PowerExchange CDC Publisher now allows different loggers in Log4J to be identified so that Level1, Level2, and Level3 tracing can be enabled at the direction of Informatica Global Support.
PWXPUB-156	When you stop PowerExchange CDC Publisher, additional logging provides more information about the shutdown process.
PWXPUB-149	You can now suppress the default fields created in PowerExchange registrations when moving data to Kafka.
PWXPUB-147	PowerExchange CDC Publisher can now produce messages in JSON format for Kafka topics through the Custom Pattern Formatter.

## Fixes

The following table describes fixed limitations:

Bug	Description
PWXPUB-104	Provided an option for handling numbers with zero (0) scale as decimal or integer.
PWXPUB-88	The PwxCDCAdmin command RESET=FORMAT processing time can exceed the two-minute timeout.
PWXPUB-44	Provided options for overriding the default suffix of reports generated by the PwxCDCAdmin utility.

## Known Limitations

The following table describes known limitations:

Bug	Description
PWXPUB-270	When a timestamp column is added and <code>Formatter.formatterAddedTimestampUseSource=true</code> , the timestamp always defaults to current date and time.
PWXPUB-268	If you set the <code>Connector.checkpointsInTarget</code> property to true, you cannot adjust the <code>Connector.checkpointMessageFrequency</code> and <code>Connector.checkpointTimeFrequency</code> settings to provide periodic backup of checkpoints unless you set the <code>Connector.kafkaProducerGuaranteeDelivery</code> property to false.
PWXPUB-266	When storing checkpoints in Kafka message headers and while writing the checkpoint information to the file as determined by the <code>Connector.checkpointMessageFrequency</code> and the <code>Connector.checkpointTimeFrequency</code> settings, Publisher stops writing the checkpoint information when the end of log is reached and before the file-based checkpoint is in synch with message header.
PWXPUB-260	When you apply custom pattern formatting to <code>TIMESTAMP WITH TIME ZONE</code> columns with dates of 1/1/0001, CDC Publisher might fail.
PWXPUB-258	Do not reference excluded columns in uncommented Custom Pattern Formatter <code>&lt;DT_SWAP&gt;</code> or <code>&lt;DT_MASK&gt;</code> column attributes as the columns might be included in messages regardless of the <code>&lt;EXCLUDE&gt;</code> column attribute settings.
PWXPUB-256	When the delimiter is set to the pipe character (" <code> </code> ") in the Custom Pattern Formatter, an extraneous delimiter appears at the end of the published messages and in the validation report.
PWXPUB-249	INFA* default columns and values are not generated when the <code>include_default_metadata_columns</code> parameter is set to true in the Custom Pattern Formatter custom pattern data file.
PWXPUB-246	The Custom Pattern Formatter <code>&lt;DT_MASK&gt;</code> tag does not support the use of the "Z" timezone format string.

Bug	Description
PWXPUB-244	On startup, CDC Publisher displays warning messages about multiple SLF4J bindings. To remove these messages, remove the pwx-cdcpublisherMonitor-1.5.0.jar file from the CDC Publisher /lib directory.
PWXPUB-238	When avroUseLogicalDecimalType=true, the decimal value is converted to a binary value. By default, binary values are represented as hexadecimal values in the Custom Formatter output. Workaround: To obtain the string representation instead of the hexadecimal value, set avroUseLogicalDecimalType=false when using a Custom Pattern Formatter pattern.
PWXPUB-232	CDC Publisher fails with the error <code>getOldColumnType cannot find original(old) data type for column</code> when the <DT_MASK> tag is used on a DATE column. Workaround: If the original data type is a string or long integer, apply the <DT_SWAP> tag to change the data type description of the column to date or timestamp before you apply the <DT_MASK> tag.
PWXPUB-230	When set to true, the following avroUseLogicaltype properties are not compatible with the Custom Pattern Formatter: <ul style="list-style-type: none"> <li>- Formatter.avroUseLogicalDateType</li> <li>- Formatter.avroUseLogicalDecimalType</li> <li>- Formatter.avroUseLogicalTimeMillisType</li> <li>- Formatter.avroUseLogicalTimeMicrosType</li> <li>- Formatter.avroUseLogicalTimestampMillisType</li> <li>- Formatter.avroUseLogicalTimestampMicrosType</li> </ul>
PWXPUB-190	PowerExchange CDC Publisher fails against Confluent Schema Registry version 5.5. CDC Publisher uses Avro version 1.8 and Confluent version 5.5 requires Avro version 1.9. Workaround: CDC Publisher is successful against the Confluent version 5.5 server if CDC Publisher uses the Confluent 5.3.1 client jar files. Confluent version 5.3.1 client jar files are placed in the directory that is referenced by the KAFKA_CLIENT_LIBS environment variable instead of the Confluent version 5.5 jar files.
PWXPUB-45	If you copy the PwxCDCPubLog4j.xml file from the config subdirectory of an existing CDC Publisher instance to the config subdirectory on another instance, CDC Publisher does not recognize the new instance as the destination for message logging. Instead, CDC Publisher continues to log messages to the instance from which the PwxCDCPubLog4j.xml file was copied. Workaround: On the new destination instance, copy the PwxCDCPubLog4j.xml file from the samples subdirectory to the config subdirectory. CDC Publisher can then recognize the new instance as the destination for logging messages.

## Informatica Global Customer Support

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

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.