



Informatica® Informatica
10.1.1

Release Notes

Informatica Informatica Release Notes
10.1.1
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Abstract

This document contains important information about restricted functionality, known limitations, and bug fixes for Informatica 10.1.1.

CHAPTER 1

Installation and Upgrade

This chapter includes the following topics:

- [Support Changes, 6](#)
- [Migrating to a Different Database, 8](#)
- [Upgrading to New Configuration, 9](#)
- [Administrator Tool Errors after Upgrade, 9](#)
- [Apply EBF for Mapping Specifications, 9](#)

Support Changes

This section describes the support changes in version 10.1.1.

Big Data Management Hadoop Distributions

Effective in version 10.1.1, the following changes apply to Big Data Management support for Hadoop distributions:

Supported Hadoop Distributions

At release date, version 10.1.1 supports the following Hadoop distributions:

- Azure HDInsight v. 3.4
- Cloudera CDH v. 5.8
- IBM BigInsights v. 4.2
- Hortonworks HDP v. 2.5
- Amazon EMR v. 5.0

Future releases of Big Data Management may support later versions of one or more of these Hadoop distributions. To see a list of the latest supported versions, see the Product Availability Matrix on the Informatica Customer Portal: <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

MapR Support

Effective in version 10.1.1, Informatica deferred support for Big Data Management on a MapR cluster. To run mappings on a MapR cluster, use Big Data Management 10.1. Informatica plans to reinstate support in a future release.

Some references to MapR remain in documentation in the form of examples. Apply the structure of these examples to your Hadoop distribution.

Amazon EMR Support

Effective in version 10.1.1, you can install Big Data Management in the Amazon EMR environment. You can choose from the following installation methods:

- Download and install from an RPM package. When you install Big Data Management in an Amazon EMR environment, you install Big Data Management elements on a local machine to run the Model Repository Service, Data Integration Service, and other services.
- Install an Informatica instance in the Amazon cloud environment. When you create an implementation of Big Data Management in the Amazon cloud, you bring online virtual machines where you install and run Big Data Management.

For more information about installing and configuring Big Data Management on Amazon EMR, see the *Informatica Big Data Management 10.1.1 Installation and Configuration Guide*.

Big Data Management Spark Support

Effective in version 10.1.1, you can configure the Spark engine on all supported Hadoop distributions. You can configure Big Data Management to use one of the following Spark versions based on the Hadoop distribution that you use:

- Cloudera Spark 1.6 and Apache Spark 2.0.1 for Cloudera cdh5u8 distribution.
- Apache Spark 2.0.1 for all Hadoop distributions.

For more information, see the *Informatica Big Data Management 10.1.1 Installation and Configuration Guide*.

Big Data Management Hive Engine

Effective in version 10.1.1, Informatica dropped support for HiveServer2 which the Hive engine uses to run mappings.

Previously, the Hive engine supported the Hive driver and HiveServer2 to run mappings in the Hadoop environment. HiveServer2 and the Hive driver convert HiveQL queries to MapReduce or Tez jobs that are processed on the Hadoop cluster.

If you install Big Data Management 10.1.1 or upgrade to version 10.1.1, the Hive engine uses the Hive driver when you run the mappings. The Hive engine no longer supports HiveServer2 to run mappings in the Hadoop environment. Hive sources and targets that use the HiveServer2 service on the Hadoop cluster are still supported.

To run mappings in the Hadoop environment, Informatica recommends that you select all run-time engines. The Data Integration Service uses a proprietary rule-based methodology to determine the best engine to run the mapping.

For information about configuring the run-time engines for your Hadoop distribution, see the *Informatica Big Data Management 10.1.1 Installation and Configuration Guide*. For information about mapping objects that the run-time engines support, see the *Informatica Big Data Management 10.1.1 User Guide*.

Data Analyzer

Effective in version 10.1.1, Informatica dropped support for Data Analyzer. Informatica recommends that you use a third-party reporting tool to run PowerCenter and Metadata Manager reports. You can use the recommended SQL queries for building all the reports shipped with earlier versions of PowerCenter.

Operating System

Effective in version 10.1.1, Informatica added support for the following operating systems:

Solaris 11

Windows 10 for Informatica Clients

PowerExchange for SAP NetWeaver

Effective in version 10.1.1, Informatica implemented the following changes in PowerExchange for SAP NetWeaver support:

Support Change	Level of Support	Comments
Analytic Business Components	Dropped support	Effective in version 10.1.1, Informatica dropped support for the Analytic Business Components (ABC) functionality. You cannot use objects in the ABC repository to read and transform SAP data. Informatica will not ship the ABC transport files.
SAP R/3 version 4.7	Dropped support	Effective in version 10.1.1, Informatica dropped support for SAP R/3 4.7 systems. Upgrade to SAP ECC version 5.0 or later.

Reporting and Dashboards Service

Effective in version 10.1.1, Informatica dropped support for the Reporting and Dashboards Service. Informatica recommends that you use a third-party reporting tool to run PowerCenter and Metadata Manager reports. You can use the recommended SQL queries for building all the reports shipped with earlier versions of PowerCenter.

Reporting Service

Effective in version 10.1.1, Informatica dropped support for the Reporting Service. Informatica recommends that you use a third-party reporting tool to run PowerCenter and Metadata Manager reports. You can use the recommended SQL queries for building all the reports shipped with earlier versions of PowerCenter.

Migrating to a Different Database

If you plan to migrate the domain configuration repository on IBM DB2 or Microsoft SQL Server to a different database during upgrade, you cannot upgrade in silent mode in certain situations.

You cannot upgrade in silent mode in the following situations:

- The domain configuration repository is on IBM DB2 and you migrate the repository from a multipartition database to a single partition database.
- The domain configuration repository is on Microsoft SQL Server and you migrate the repository from a database in a custom schema to a database in the default schema.

Workaround:

- On Windows, upgrade the Informatica domain in graphical mode.
- On UNIX, upgrade the Informatica domain in console mode.

(PLAT-8403, 440711)

Upgrading to New Configuration

After you move from a Microsoft SQL server custom schema to an SQL Server database enabled with trusted connection, the test connection fails with the following error:

```
Login failed for user 'UserName'
```

(PLAT-8450, 460338)

Administrator Tool Errors after Upgrade

When you start the Analyst Service after you upgrade, the Administrator tool displays the following error:

```
The status of the upgrade cannot be determined. Use the command line program to complete the upgrade process
```

Workaround: Log out from the Administrator tool, and then log in again.

(BG-1122, 436393)

Apply EBF for Mapping Specifications

When you upgrade to 10.1.1 from a previous version, the upgrade process deletes GROUP BY clauses from aggregators in mapping specifications.

Workaround: Before you upgrade your Model Repository contents to 10.1.1, shut down your 10.1.1 domain and apply EBF-8626.

(PLAT-14631)

CHAPTER 2

10.1.1 Fixed Limitations and Closed Enhancements

This chapter includes the following topics:

- [Analyst Tool Fixed Limitations, 10](#)
- [Application Service Fixed Limitations, 11](#)
- [Big Data Fixed Limitations, 11](#)
- [Business Glossary Fixed Limitations, 13](#)
- [Command Line Programs Fixed Limitations, 14](#)
- [Data Transformation Fixed Limitations, 14](#)
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- [Transformation Language Functions Fixed Limitations, 21](#)

Analyst Tool Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
450166	When errors occur, the Analyst tool sometimes displays the following message: "An error occurred on the server with the following timestamp.... Check the analyst service logs."

The following table describes closed enhancement requests:

Bug	Description
IDQ-2788	The Analyst tool increases the limit on the number of characters that you can enter in an expression in a profile rule. The limit is 1 million characters.

Application Service Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
CORE-4220	A web service hub that runs on a non-master gateway node restarts when the master gateway node stops running.
462893	PowerCenter users notice a delay in starting the PowerCenter Integration Service after upgrading to the 9.6.1 Hotfix 3 version. Users experience the delay when running scheduled workflows.
460500	Standard errors from the Model Repository Service appear in the Administrator tool Logs Viewer. Previously the messages appeared with the INFO label. When they appear in the Domain logs, the same messages now appear as ERROR level messages. The errors do not appear in the catalina.out logfile.
459892	When the Data Integration Service runs mappings concurrently with operating system profiles, it consumes excessive memory.

Big Data Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
PLAT-8714	<p>If you run a mapping on HiveServer2 on a SUSE 11 Hortonworks cluster that is enabled with Kerberos authentication, a MySQL connection leak occurs and the mapping fails with the following error:</p> <pre>[HiveServer2-Handler-Pool: Thread-3439]: transport.TSaslTransport (TSaslTransport.java:open(315)) - SASL negotiation failure javax.security.sasl.SaslException: GSS initiate failed [Caused by GSSException: No valid credentials provided (Mechanism level: Failed to find any Kerberos tgt)]</pre> <pre><property> <name>hive.server2.authentication</name> <value>KERBEROS</value> </property></pre>
OCON-933	<p>If you configure user impersonation and run a Sqoop mapping on a Hadoop cluster that uses Kerberos authentication, the mapping fails.</p> <p>Workaround: Use the Hadoop service principal name in the Hadoop connection and run the mapping. (460997)</p>
BDM-3658	<p>The Big Data Management Configuration Utility (Hadoop Configuration Manager) does not create a separate log file for each run.</p>
462309	<p>The Analyst Service does not shut down when you use the infaservice.sh shutdown command.</p>
462299	<p>In a Cloudera CDH environment, mappings fail on the Blaze engine if the Resource Manager is highly available and the cluster uses Kerberos authentication. (BDM-1596)</p>
461622	<p>A mapping fails to run in the Blaze environment if multiple transformation strategies in the mapping identify the same probabilistic model file or classifier model file.</p>
461610	<p>Column profile with data domain discovery fails when the data source is a Hive source, you choose the sampling option as All rows, and you run the profile on the Blaze engine.</p>
461286	<p>When you run mappings on the Spark engine within a very short time span, such as 20 seconds, the mappings fail with OSGI errors.</p>
461285	<p>If the join condition in a Joiner transformation contains string ports with different precision values, the mapping returns an incorrect number of output rows when run on the Blaze engine. (BDM-1585)</p>
461283	<p>Workflows are rescheduled to a different time instead of the original scheduled time when the Integration Service shuts down unexpectedly and misses the scheduled time.</p>
461044	<p>When you run mappings on the Spark engine, the mapping run fails with a compilation error.</p> <p>Cause: The cluster uses an instance of Java other than the Java that ships with Informatica Big Data Management.</p>
460640	<p>Big Data Management supports Hortonworks Hadoop clusters that use Java 1.8. When the cluster uses Java 1.7, mappings that you execute using the Hive engine fail. You see an error like:</p> <pre>Unrecognized VM option 'MaxMetaspaceSize=256M' Error: Could not create the Java Virtual Machine. Error: A fatal exception has occurred. Program will exit.</pre>

Bug	Description
460412	When you export data to an Oracle database through Sqoop, the mapping fails in certain situations. This issue occurs when all of the following conditions are true: <ul style="list-style-type: none"> - You configure the direct argument to use OraOop. - The data contains a column of the float data type.
458238	Lookup performance on the Spark engine is very slow when the lookup data contains null values.
456892	When you generate and execute a DDL script to create or replace a Hive target table in the Blaze runtime environment, the mapping fails.
456732	When you synchronize a Hive view in the Developer tool, the links from the mapping source or the connections are not retained. (BDM-2255)
454281	When a Hadoop cluster uses Kerberos authentication, the mapping that writes to HDFS in the native runtime environment fails with the following error if the KDC service ticket has expired: Failed on local exception: java.io.IOException: javax.security.sasl.SaslException: GSS initiate failed [Caused by GSSException: No valid credentials provided (BDM-2190)
453313	If you run multiple concurrent mappings on the Spark engine, performance might be slow and the log messages indicate that resources are not available. The Data Integration Service indicates that the mapping failed even though it is still running in the cluster.
449810	The MRX_MAPPINGS view does not show any MAPPING objects even though mappings exist in the repository.

Business Glossary Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
461823	After you conclude level 1 voting in an approval workflow and view level 1 voting comments, the voting details section of the voting dashboard becomes unresponsive.
461624	If you specify the PROTOCOL_TYPE property in the SilentInput.properties file as "HTTP" in uppercase and install Informatica Business Glossary Desktop, the protocol type parameter is incorrectly set to HTTPS.
458916	When you delegate a vote in the approval workflow process, you can select multiple users, but you see an error when you confirm your selection in the Analyst tool.
458075	The Analyst tool does not send email notifications when the domain is configured with Kerberos authentication.

Bug	Description
457603	<p>When you install the Informatica Business Glossary Desktop on a Mac, the following error appears in the Terminal:</p> <pre>INM1HF4DWDJWV:Informatica_BusinessGlossaryDesktop_Mac infa\$./install.sh Trying to load library IAMac Error trying to load library no IAMac in java.library.path</pre>
454561	<p>You cannot publish or reject Business Glossary assets when all of the following conditions are true:</p> <ul style="list-style-type: none"> - The voting was in process. - The Glossary administrator exported the glossary. - The Glossary administrator imported the glossary and replaced the assets that are already in the Analyst tool.

Command Line Programs Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
CORE-4979	You cannot use the <code>isp UpdateRepositoryService</code> command to update the tablespace name of the repository database.
458154	When you run the <code>infacmd oie ImportObjects</code> command, connections do not bind correctly.
456536	You can run the <code>infacmd wfs bulkComplete</code> command to complete the Voting tasks that a workflow specifies if you are not the business administrator for the task.
427588	When you try to run the <code>ms runmapping</code> command and the connection between the <code>infacmd</code> client and the Mapping Service has dropped, the task fails, and unhelpful error messages appear in logs.

Data Transformation Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
CM-7722	When a Data Processor transformation transforms data into JSON output, the control characters are not escaped with the <code>\u</code> character.
CM-7720	HIPAA validation is not supported for Edifecs version 6.x in a Data Processor transformation with a HIPAA Library package.

Bug	Description
CM-7693	A Data Processor transformation with JSON output replace unicode characters that are not valid with binary zero, instead of replacing with zero and a hexadecimal identifier.
CM-7692	An XMLStreamer in a Data Processor transformation fails to process documents with a DOCTYPE declaration.
CM-7691	When a Data Processor transformation transforms data into JSON output for characters 0-31, the control characters are not escaped with the \u character.

Data Type Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
PLAT-14233	A decimal field might be truncated in a transformation created from the Custom transformation because the Custom transformation accepts decimal data that is the wrong scale.
441191	When the data type for a column is Timestamp with Time Zone, then the embedded rule and value frequency rule does not work on the column.

Enterprise Information Catalog Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
LDM-1426	If a scanner job runs beyond the lifetime of the associated Kerberos ticket, the scanner job generates a Kerberos authentication error.
LDM-733	You cannot deploy Live Data Map on an internal cluster if you use SUSE Linux.

Exception Management Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
IDQ-4067	If you find and replace a data value on all pages in an exception task in a single operation, the status of the values does not change to UPDATED.

Informatica Data Lake Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
IDL-57	If there are many data flow and relationship links for a data asset, the Relationship view takes longer than usual time to load and might extend to a few minutes to load.

Informatica Domain Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
CORE-4099	Synchronization of the users and groups in an LDAP security domain with the users and groups in an LDAP directory service stops responding if the Informatica domain contains a PowerCenter Repository Service with the Security Audit Trail property enabled.
389090	An incorrect error message appears when synchronizing Kerberos users in an LDAP security domain with users in a Microsoft Active Directory server. The error occurs if the LDAP service principal user name (SPN) is not configured properly in Active Directory Domain Services.

Mappings and Workflows Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
MWF-412	If you upgrade to the current version and you update a workflow in the Model repository, you cannot deploy the workflow application.
MWF-238	When a Mapping task does not generate exception data for a downstream Human task in a workflow, the workflow fails.
461733	Early selection optimization can cause filter logic to occur before expression logic in a mapping. When this situation occurs, you might receive unexpected results.
460888	You cannot validate a workflow that contains multiple Mapping tasks if you replace the data target in a mapping that one of the tasks uses.
460871	The search and replace options in an exception task do not recognize Float data types as numeric data when the task is in a Microsoft SQL Server database.
460729	You cannot use the All Numbers option to replace a numeric value on all pages of exception task data in a Microsoft SQL Server database.
460715	You cannot search and replace data in a column in an exception task if the workflow that created the task used the column data to distribute task instances to users.
459911	If you create the workflow database contents on a Data Integration Service on grid and the Data Integration Service stops unexpectedly, the Administrator tool displays the following message: Workflow database contents do not exist. The issue arises when you enable operating system profiles on the Data Integration Service.
459791	Workflow log file names do not include a time stamp.
458284	You cannot deploy a workflow application if the workflow contains more than 12 Mapping tasks between two Inclusive gateways.
457765	When you run a workflow with a Mapping task under an operating system profile, the workflow does not create the directories that the operating system profile specifies. In addition, the Mapping task fails to run.
457624	You cannot use the Scheduler to run mappings, workflows or any other job in a domain where Kerberos authentication is enabled.
442040	If you select the ODBC provider as MongoDB and Cassandra to connect to the source, the Data Integration Service cannot push transformation logic to the source and results in a null pointer exception.

Metadata Manager Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
461098	When you enable incremental loading for a Teradata resource that contains a schema that is mapped to the database name, Metadata Manager always performs a full metadata load.
413783	Loading an Oracle resource fails with the following error when the Metadata Manager warehouse uses UTF-8 character encoding, the source metadata contains strings with multi-byte characters, and the strings are larger than 4000 bytes: ORA-01461: can bind a LONG value only for insert into a LONG column

The following table describes closed enhancement requests:

Bug	Description
449958	Metadata Manager supports multiple schemas for Netezza resources.

PowerCenter Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
CORE-5012	A decimal field might be truncated in a transformation created from the Custom transformation because the Custom transformation accepts decimal data that is the wrong scale.
CORE-4172	When you copy a source, target, or a transformation from one mapping to another, the new object appears with another name.
IDQ-2706	You cannot partition a Match transformation in a mapping that you imported from a Model repository.
463811	When a mapping contains a Lookup transformation, the session enabled for partition fails intermittently. (CORE-4892)
463566	When the sorter cache is on General Parallel File System (GPFS), the session with a Sorter transformation fails with an input/output error. (CORE-300)
462367	When you schedule a workflow to run continuously, the workflow sometimes misses the schedule and fails to schedule again. (CORE-77)
461969	When you schedule a workflow to run continuously with recovery enabled on Windows, the workflow run intermittently fails with a recovery file rename error. (CORE-73)

Bug	Description
461280	When you try to import an xml with pmrep ObjectImport command, the import fails with an error denying permission to access the target folder. (CORE-61)
460787	When you do not have read permission for a connection object, you can still view the connection object properties in the session properties. (CORE-54)
460192	After migrating objects through the deployment groups with the Copy Persisted Values for all Workflow Variables option, duplicates are found in the PowerCenter repository. (CORE-53)
459551	When the parameter file is not present and the workflow runs with the Operating System profile, the workflow run succeeds instead of failing with an error. (CORE-49)
458796	If the table or column names begin with a number, the mapping xml import fails. (CORE-45)
455248	A PowerCenter user with all required privileges encounters an insufficient privileges error when initiating a workflow using the pmcmd program.
442622	You cannot specify an error action when you use the ODBC provider type in the Microsoft SQL Server connection. (OCON-6191)
441288	When you do not set an operating system profile, the PowerCenter Repository Manager sets the operating system profile name as not valid instead of NULL in the repository in all non-English locales. (CORE-96)
439126	When you configure the session and workflow to save logs by runs, the PowerCenter Integration Service is unable to get session and workflow logs for the previous runs from the Workflow Monitor. (CORE-94)
422383	Workflows hang when using operating system profile and parameter file. (CORE-91)

Profiles and Scorecards Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
PLAT-10639	The Data Integration Service fails when profiling Oracle data if a date field contains 00/00/00.
IDE-1765	Outlier detection does not work when the profiling warehouse is on a Microsoft SQL Server database.

Bug	Description
IDE-1755	Column profile with data domain discovery fails when the data source is a Hive source, you choose the sampling option as All rows, and you run the profile on the Blaze engine. Workaround: Choose the sampling option as Sample first, Random sample, or Random sample (auto) and run the profile.
IDE-1679	Column profile run fails when you configure a JDBC connection for the profiling warehouse and you run the profile on the Blaze engine.

Reference Data Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
IDQ-2776	If you export a reference table from the Model repository and a reference data value includes the text qualifier character, the export operation might omit the value.

Third-Party Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
BDM-937	When you install Big Data Management on Cloudera by using Cloudera Manager, the parcels are not copied to .flood directory and the installation fails with the following error: Src file /opt/cloudera/parcels/.flood/ INFORMATICA-10.1.0.informatica10.1.0.pl.364-sles11.parcel/ INFORMATICA-10.1.0.informatica10.1.0.pl.364-sles11.parcel does not exist. Also, after you uninstall Big Data Management on Cloudera by using Cloudera Manager, the parcels are not deleted from the .flood directory. Cloudera reference number: 103733
461762	When you use the Netezza ODBC driver and write Unicode data to a Netezza database, the mapping might fail when the Netezza target contains Varchar columns. The mapping fails because of a DataDirect Driver Manager issue. DataDirect reference number: 00343606
461032	The Spark engine does not return output for a master or detail outer join when the condition does not join on keys, but it compares a column with a constant or null. Apache JIRA reference number: https://issues.apache.org/jira/browse/SPARK-14854

Transformation Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
CM-7737	If you use the transformation wizard to create a Hierarchical to Relational transformation or a Relational to Hierarchical transformation in one folder, and try to reference a schema in another folder, the wizard might fail.
IDQ-4053	If you set an identity cache size lower than 65535 on the Match Type tab of a Match transformation, the transformation does not generate clusters correctly. The transformation reads the size of the identity cache in bytes regardless of the value that you set on the Match Type tab.
IDQ-2786	The Data Integration Service stops unexpectedly when it runs a mapping that includes a Key Generator transformation that you configured with a NYSIIS strategy.
IDQ-2773	If you upgrade to the current version and the Model repository contains an Exception transformation, the Model repository might become corrupted.
459356	The Hierarchical to Relational transformation does not support Avro and Parquet input formats.
408000	If you do not define the input schema or map the request input group element to the root element of REST consumer input, REST fails without displaying an error message.

The following table describes closed enhancement requests:

Bug	Description
OCON-6681	You can override the content-type header in a REST web service POST web service consumer request. You can change the content-type from application/xml to text/xml.

Transformation Language Functions Fixed Limitations

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

The following table describes fixed limitations:

Bug	Description
458716	The Developer tool stops responding when you test and evaluate an expression that contains the REG_MATCH function and the pattern to match is not a valid pattern.

CHAPTER 3

10.1.1 Known Limitations

Note: Informatica is migrating bugs to a different bug tracking system. The bug numbers in the bug ID column are replaced with the bug number in the new tracking system. You can find the bug IDs from the previous tracking system after the bug description. For example, (440143).

Administrator Tool Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-1615	<p>In a domain that uses Kerberos authentication, some views in the Administrator tool display the following message to users who are assigned the Operator role:</p> <pre>Model Repository is not configured. Please contact the Administrator.</pre> <p>This occurs even when the Model repository is configured.</p> <p>Workaround: Assign the Operator users and group the Administrator role for the Model Repository Service that is configured for monitoring. (440143)</p>
PLAT-1593	<p>In the Monitoring tool in a domain that uses Kerberos authentication, the Log Out menu does not log users out of the Monitoring tool.</p> <p>Workaround: To log out of the Monitoring tool, close the browser window. (438332)</p>
PLAT-1584	<p>In a domain that uses Kerberos authentication, when you log in to the Administrator tool after a session expires, the Manage and Monitor tabs might display a login page.</p> <p>Workaround: Log out from the Administrator tool, and then log in again. (437717)</p>
PLAT-1573	<p>After you join a node to the domain, the Administrator tool takes 10 to 15 seconds to display the properties of the node. (436587)</p>
PLAT-1530	<p>After you configure the Log Collection Directory property for a node, you cannot clear the Log Collection Directory property. (429227)</p>
PLAT-13660	<p>When you import or export data through Sqoop, the Administrator tool does not display the correct execution statistics in the Monitoring tab.</p> <p>Workaround: See the execution statistics in the yarn log. (452798)</p>

Analyst Tool Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14626	The Analyst tool hangs when you import a flat file and the following conditions are true: <ul style="list-style-type: none"> - The Data Integration Service is enabled to use operating system profiles. - The Data Integration Service and the Analyst Service are running on different nodes. Workaround: Run the Data Integration Service and the Analyst Service on the same node.
PLAT-14625	When you try to export the mapping specification to PowerCenter Repository using pcclientsmartuser that run on a Windows network using two-factor authentication, the mapping specification export fails. Workaround: Export the mapping specification to PowerCenter Repository using INFAKRB.INFADEV.COM (460405)
PLAT-13424	When you try to delete an asset that another user changed, the Analyst tool fails to warn you that the asset is not the latest copy. (396636)
IDQ-4225	When you try to find and replace reference table values with a value that is not valid, the Analyst tool returns an incorrect error message. The error message states that the reference table does not contain the search value that you specify. The issue arises when the replacement value that you specify uses a precision that is too high for the reference data column. (421325)

Application Service Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-12072	The DTM process does not create DTM log files for mappings included in workflow Mapping tasks when the following conditions are true: <ul style="list-style-type: none"> - The Data Integration Service is configured to run jobs in separate remote processes. - The mapping included in the workflow Mapping task uses multibyte characters. (443052)
PLAT-12070	If you run multiple concurrent mappings on a Data Integration Service grid configured to run jobs in separate remote processes and the Model repository is not configured to store run-time statistics, some of the mappings might fail to run with the following error: <pre>[ICMD_10033] Command [runmapping] failed with error [com.informatica.ds.ms.service.MonitorHelper.purgeStatistics(MonitorHelper.java:125)</pre> (441281)
PLAT-12066	The consolidated log file for a mapping might contain the incorrect DTM log file when the following conditions are true: <ul style="list-style-type: none"> - The Data Integration Service is configured to run jobs in separate remote processes. - The Mapping task in a workflow is configured to save the Mapping task log file by the number of Mapping task runs. Workaround: Configure the Mapping task to save the Mapping task log file by timestamp. (439632)

Bug	Description
PLAT-12065	<p>Mappings run on a Data Integration Service grid might hang indefinitely when the following conditions are true:</p> <ul style="list-style-type: none"> - The Data Integration Service is configured to run jobs in separate remote processes. - The Resource Manager Service becomes unavailable after the Data Integration Service has been enabled and has elected a master compute node. <p>Workaround: Enable the Resource Manager Service to continue running the mappings. (439628)</p>
PLAT-12060	<p>When you update the compute role on a node assigned to a Data Integration Service grid and then recycle the Data Integration Service, you might encounter inconsistent behavior across the Informatica client tools. For example, mappings might fail to run in the infacmd command line program but succeed in the Developer tool.</p> <p>Workaround: Restart the domain. (436753)</p>
PLAT-12057	<p>In a Kerberos domain, mappings fail to run on a Data Integration Service grid configured to run jobs in separate remote processes.</p> <p>Workaround: Configure the Data Integration Service to run jobs in separate local processes. (435471)</p>
PLAT-12054	<p>A Data Integration Service grid configured to run jobs in separate remote processes does not use a secure connection to communicate with remote DTM processes even though the domain is enabled for secure communication. (432752)</p>
BDM-4669	<p>The Data Integration Service does not apply the cost-based optimization method when you configure the mapping to use load order constraints with the full optimizer level. (431534)</p>
BDM-2483	<p>The Processes tab of the Email Service includes an environment variable section even though environment variables are not supported for the Email Service. If you add an environment variable, the Email Service ignores it. (442102)</p>
BDM-1828	<p>If you run web service requests on a Data Integration Service grid and you incorrectly configure the external HTTP load balancer to use nodes with the service role only, the Data Integration Service does not redirect requests to nodes with both the service and compute roles. Some web service requests dispatched to the node with the service role only might fail.</p> <p>Workaround: Configure the external HTTP load balancer to use nodes with both the service and compute roles. (427052)</p>
BDM-1798	<p>When you run a mapping on a Data Integration Service grid configured to run jobs in separate remote processes, the Monitor tab of the Administrator tool might indefinitely list the mapping state as Running even though the infacmd command line program and the mapping log indicate that the mapping failed. (432316)</p>

Big Data Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14325	You cannot run a mapping in the native environment when the following conditions are true: <ul style="list-style-type: none"> - You select a native validation environment and a Hive or Blaze validation environment for the mapping. - The mapping contains a Match transformation.
PLAT-13744	When you use Sqoop and define a join condition in the custom query, the mapping fails. (457397)
PLAT-13738	When you use Sqoop and join two tables that contain a column with the same name, the mapping fails. (457072)
PLAT-13735	When you use Sqoop and the first mapper task fails, the subsequent mapper tasks fail with the following error message: File already exists (456884)
PLAT-13734	The Developer tool allows you to change an Avro data type in a complex file object to one that Avro does not support. As a result, mapping errors occur at run time. Workaround: If you change an Avro data type, verify that it is a supported type. (456866)
PLAT-13732	When you use Sqoop to import data from an Aurora database by using the MariaDB JDBC driver, the mapping stops responding. (456704)
PLAT-13731	When you export data through Sqoop and there are primary key violations, the mapping fails and bad records are not written to the bad file. (456616)
PLAT-13722	When you export data to a Netezza database through Sqoop and the database contains a column of the float data type, the mapping fails. (456285)
PLAT-13702	Sqoop does not read the OraOop arguments that you configure in the <code>oraoop-site.xml</code> file. Workaround: Specify the OraOop arguments as part of the Sqoop arguments in the mapping. (455750)
PLAT-13666	When you use Sqoop for a data object and update its properties in the associated Read or Write transformation, the mapping terminates with an IVector error message. Workaround: Create a new data object and mapping. (453097)
PLAT-13652	When you enable Sqoop for a data object and a table or column name contains Unicode characters, the mapping fails. (452114)
PLAT-12073	Mappings that read from one of the following sources fail to run in the native environment when the Data Integration Service is configured to run jobs in separate remote processes: <ul style="list-style-type: none"> - Flat file or complex file in the Hadoop Distributed File System (HDFS) - HIVE table - HBase table Workaround: On the Compute view for the Data Integration Service, configure the <code>INFA_HADOOP_DIST_DIR</code> environment variable for each node with the compute role. Set the environment variable to the same value configured for the Data Integration Service Hadoop Distribution Directory execution option for the Data Integration Service. (443164)

Bug	Description
PLAT-8729	If you configure MapR 5.1 on SUSE 11 and run a Sqoop mapping on a Hadoop cluster, the mapping fails with the following error: <pre>com.mapr.security.JNIsecurity.SetClusterOption(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Isqoop</pre>
OCON-6758	When you run a Sqoop mapping on the Blaze engine to import data from multiple sources and the join condition contains an OR clause, the mapping fails.
OCON-6756	In a Sqoop mapping, if you add a Filter transformation to filter timestamp data from a Teradata source and export the data to a Teradata target, the mapping runs successfully on the Blaze engine. However, the Sqoop program does not write the timestamp data to the Teradata target.
OCON-6745	When you use a JDBC connection in a mapping to connect to a Netezza source that contains the Time data type, the mapping fails to run on the Blaze engine.
OCON-1316	The Union transformation produces incorrect results for Sqoop mappings that you run on the Hortonworks distribution by using the TEZ engine. (460889)
OCON-1267	The path of the resource file in a complex file object appears as a recursive path of directories starting with the root directory and ending with a string. (437196)
OCON-1100	When you export data to an IBM DB2 z/OS database through Sqoop and do not configure the batch argument, the mapping fails. Workaround: Configure the batch argument in the mapping and run the mapping again. (459671)
OCON-937	When you use an ODBC connection to write time data to a Netezza database, the mapping fails. This issue occurs when you run the mapping on Cloudera 5u4. (440423)
OCON-688	When you enable Sqoop for a logical data object and export data to an IBM DB2 database, the Sqoop export command fails. However, the mapping runs successfully without any error. (456455)
IDE-1689	Mappings and profiles that use snappy compression fail in HiveServer2 mode on HDP and CDH SUSE clusters. Workaround: On the Informatica domain, edit the property that contains the location of the cluster native library: 1. Back up the following file, then open it for editing: <Informatica Installation Directory>/services/shared/hadoop/<Hadoop_distribution_name>_<version_number>/infaConf/hadoopEnv.properties 2. Find the \$HADOOP_NODE_HADOOP_DIST/lib/native property, and replace the value with the location of the cluster native library. Hortonworks example: <pre>/usr/hdp/2.4.2.0-258/hadoop/lib/native</pre> Cloudera example: <pre>/opt/cloudera/parcels/CDH/lib/hadoop/lib/native</pre> On the Hadoop cluster: 1. Open the HiveServer2_EnvInfa.txt file for editing. 2. Change the value of <Informatica distribution home>/services/shared/hadoop/<Hadoop_distribution>/lib/native to the location of the cluster native library. 3. Copy the contents of the HiveServer2_EnvInfa.txt file. 4. Open the hive-env.sh file for editing, and paste the entire contents of the HiveServer2_EnvInfa.txt file. (452819)

Bug	Description
BDM-4652	Sqoop mappings fail with a null pointer exception on the Spark engine if you do not configure the Spark HDFS staging directory in the Hadoop connection.
BDM-4598	If the Data Integration Service becomes unavailable while running mappings with Hive sources and targets on the Blaze engine, the lock acquired on a Hive target table may fail to be released. Workaround: Connect to Hive using a Hive client such as the Apache Hive CLI or Hadoop Hive Beeline, and then use the <code>UNLOCK TABLE <table_name></code> command to release the lock.
BDM-4473	The Data Integration Service fails with out of memory errors when you run a large number of concurrent mappings on the Spark engine. Workaround: Increase the heap memory settings on the machine where the Data Integration Service runs
BDM-4471	In a Hortonworks HDP or an Azure HDInsight environment, a mapping that runs on the Hive engine enabled for Tez loads only the first data table to the target if the mapping contains a Union transformation. Workaround: Run the mapping on the Hive engine enabled for MapReduce.
BDM-4323	If an SQL override in the Hive source contains a DISTINCT or LIMIT clause, the mapping fails on the Spark engine.
BDM-4230	If the Blaze Job Monitor starts on a node different from the node that it last ran on, the Administrator tool displays the Monitoring URL of the previous node. Workaround: Correct the URL with the current job monitor host name from the log. Or restart the Grid Manager to correct the URL for the new jobs that start.
BDM-4137	If a Sqoop source or target contains a column name with double quotes, the mapping fails on the Blaze engine. However, the Blaze Job Monitor incorrectly indicates that the mapping ran successfully and that rows were written into the target.
BDM-4107	If a mapping or workflow contains a parameter, the mapping does not return system-defined mapping outputs when run in the Hadoop environment.
BDM-3989	Blaze mappings fail with the error "The Integration Service failed to generate the grid execution plan for the mapping" when any of the following conditions are true: <ul style="list-style-type: none"> - The Apache Ranger KMS is not configured correctly on a Hortonworks HDP cluster. - The Hadoop KMS is not configured correctly for HDFS transparent encryption on a Cloudera CDH cluster. - The properties <code>hadoop.kms.proxyuser.<SPN_user>.groups</code> and <code>hadoop.kms.proxyuser.<SPN_USER>.hosts</code> for the Kerberos SPN are not set on the Hadoop cluster.
BDM-3981	When you run a Sqoop mapping on the Blaze engine to export Netezza numeric data, the scale part of the data is truncated.

Bug	Description
BDM-3853	<p>When the Blaze engine runs a mapping that uses source or target files in the WASB location on a cluster, the mapping fails with an error like:</p> <pre>java.lang.RuntimeException: [<error_code>] The Integration Service failed to run Hive query [exec0_query_6] for task [exec0] due to following error: <error_code> message [FAILED: ... Cannot run program "/usr/lib/python2.7/dist-packages/hdinsight_common/decrypt.sh": error=2, No such file or directory], ...</pre> <p>The mapping fails because the cluster attempts to decrypt the data but cannot find a file needed to perform the decryption operation.</p> <p>Workaround: Find the following files on the cluster and copy them to the <code>/usr/lib/python2.7/dist-packages/hdinsight_common</code> directory on the machine that runs the Data Integration Service:</p> <ul style="list-style-type: none"> - <code>key_decryption_cert.prv</code> - <code>decrypt.sh</code>
BDM-3779	<p>Sqoop mappings fail on the Blaze engine if there are unconnected ports in a target. This issue occurs when you run the Sqoop mapping on any cluster other than a Cloudera 5.8 cluster.</p> <p>Workaround: Before you run the mapping, create a table in the target database with columns corresponding to the connected ports.</p>
BDM-3744	<p>When a Hadoop cluster is restarted without stopping the components of the Blaze engine, stale Blaze processes remain on the cluster.</p> <p>Workaround: Kill the stale processes using the <code>pkill</code> command.</p>
BDM-3687	<p>When you run a Sqoop mapping on the Spark engine, the Sqoop map-reduce jobs run in the default yarn queue instead of the yarn queue that you configure.</p> <p>Workaround: To run a map-reduce job in a particular yarn queue, configure the following property in the Sqoop Arguments field of the JDBC connection:</p> <pre>-Dmapreduce.job.queueName=<NameOfTheQueue></pre> <p>To run a Spark job in a particular yarn queue, configure the following property in the Hadoop connection:</p> <pre>spark.yarn.queue=<NameOfTheQueue></pre>
BDM-3635	<p>When you run a Sqoop mapping and abort the mapping from the Developer tool, the Sqoop map-reduce jobs continue to run.</p> <p>Workaround: On the Sqoop data node, run the following command to kill the Sqoop map-reduce jobs:</p> <pre>yarn application -kill <application_ID></pre>
BDM-3544	<p>When the proxy user setting is not correctly configured in <code>core-site.xml</code>, a mapping that you run with the Spark engine hangs with no error message.</p> <p>Workaround: Set the value of the following properties in <code>core-site.xml</code> to <code>*</code> (asterisk):</p> <ul style="list-style-type: none"> - <code>hadoop.proxyuser.<Data Integration Service user name>.groups</code> - <code>hadoop.proxyuser.<Data Integration Service user name>.hosts</code>
BDM-3416	<p>When you run a mapping on a cluster where Ranger KMS authorization is configured, the mapping fails with an "UndeclaredThrowableException" error.</p> <p>To address this issue, choose one of the following workarounds:</p> <ul style="list-style-type: none"> - If the cluster uses Ranger KMS for authorization, and the mapping which access the encryption zone, verify that the <code>dfs.encrypted.key.provider.uri</code> property is correctly configured in <code>hive-site.xml</code> or <code>hdfs-site.xml</code>. - If the cluster does not use Ranger KMS, and you still encounter this issue, remove the <code>dfs.encrypted.key.provider.uri</code> property from <code>hive-site.xml</code> and <code>hdfs-site.xml</code>.

Bug	Description
BDM-3303	When you run a Sqoop mapping on the Blaze engine and the columns contain Unicode characters, the Sqoop program reads them as null values.
BDM-3267	On a Blaze engine, when an unconnected Lookup expression is referenced in a join condition, the mapping fails if the master source is branched and the Joiner transformation is optimized with a map-side join. The mapping fails with the following error: [TE_7017] Internal error. Failed to initialize transformation [producer0]. Contact Informatica Global Customer Support.
BDM-3228	A user who is not in the Administrator group, but who has the privileges and permissions to access the domain and its services, does not have access to the Rest application properties in the Administrator tool when the applications are deployed by another user.
BDM-2641	When mappings fail, the Spark engine does not drop temporary Hive tables used to store data during mapping execution. You can manually remove the tables. (450507)
BDM-2222	The Spark engine does not run the footer row command configured for a flat file target. (459942)
BDM-2181	The summary and detail statistics empty for mappings run on Tez. (452224)
BDM-2141	Mapping with a Hive source and target that uses an ABS function with an IIF function fails in the Hadoop environment. (424789)
BDM-2137	Mapping in the Hadoop environment fails when it contains a Hive source and a filter condition that uses the default table name prefixed to the column name. Workaround: Edit the filter condition to remove the table name prefixed to the column name and run the mapping again. (422627)
BDM-2136	Mapping in the Hadoop environment fails because the Hadoop connection uses 128 characters in its name. (421834)
BDM-1423	Sqoop mappings that import data from or export data to an SSL-enabled database fail on the Blaze engine.
BDM-1271	If you define an SQL override in the Hive source and choose to update the output ports based on the custom query, the mapping fails on the Blaze engine.
BDM-960	Mappings with an HDFS connection fail with a permission error on the Spark and Hive engines when all the following conditions are true: <ul style="list-style-type: none"> - The HDFS connection user is different from the Data Integration Service user. - The Hadoop connection does not have an impersonation user defined. - The Data Integration Service user does not have write access to the HDFS target folder. Workaround: In the Hadoop connection, define an impersonation user with write permission to access the HDFS target folder.

Business Glossary Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-12634	The Search Service does not display Business Glossary results for a search performed by a user, if you expand the scope of privileges for the user in the Administrator tool after the indexing is complete. Workaround: Assign the necessary privileges to the user before the Search Service indexes the Business Glossary data. (461308)
BG-934	The Analyst tool does not accurately display the number of attachments in an asset that you revised, after you import the glossary that contains the asset. (460458)
BG-924	The dock menu options such as Preferences , About Informatica Business Glossary Desktop , and Quit Informatica do not work on the Mac operating system. Workaround: <ul style="list-style-type: none"> - Click File > Exit to exit the Informatica Business Glossary Desktop. - Click Edit > Settings > Preferences to edit the Informatica Business Glossary Desktop application preference settings. - Click Help > About Informatica Business Glossary Desktop to view information about the Informatica Business Glossary Desktop application. (459878)
BG-922	The Informatica Business Glossary Desktop application does not automatically run after you log in to the computer. (459873)
BG-894	The Informatica Business Glossary Desktop client does not appear in the Mac applications list. Workaround: Use the Terminal to navigate to the Informatica Business Glossary Desktop installation directory to launch the application. (458237)
BG-845	Business Glossary Desktop does not recognize line breaks. Content in business term properties that support the long string data type are displayed in a single line. (447739)
BG-1198	When you import business glossary .xlsx files from version 9.6.0 to version 9.6.1 HotFix 4 into Analyst tool version 10.1 or 10.1.1, the related term grid displays duplicate entries of the related business terms.
BG-1147	When an asset appears at different levels both on the left side and the right side in a relationship view diagram that has bi-directional relationships, the Analyst tool does not display the relationship levels correctly when you change the number of levels. (456124)
BG-1053	When you create, upgrade, or recycle the Analyst Service, the search index fails to start. The following error message appears in the search service log file: <pre>FATAL BGExtractor - Internal Error.</pre> Workaround Log in to the Analyst tool once after you enable the Analyst Service.

Command Line Programs Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14311	When you enable Kerberos authentication, the <code>infacmd getworkflowlog</code> and the <code>getsessionlog</code> commands incorrectly use <code>Native</code> as the default namespace. Workaround: You can specify the LDAP namespace with the <code>-sdn</code> and <code>-rdsn</code> options using the <code>infacmd</code> command line program.
OCON-957	When you run the <code>UpdateConnection</code> command for a Microsoft SQL Server connection, the command does not validate the values that you provide for the <code>Use DSN</code> and <code>Provider Type</code> options. (451454)
MWF-236	You cannot use the "wait" option <code>[-w]</code> when you run the <code>infacmd wfs abortWorkflow</code> command or the <code>infacmd wfs cancelWorkflow</code> command. (435815)
CORE-4985	The <code>infacmd ipc genReuseReportfromPC</code> command fails with errors when it exports a folder from the PowerCenter repository with many workflows. Workaround: If you have a 10.1.1 PowerCenter Repository Service, you can run the <code>infacmd ipc genReuseReportfromPC</code> command on the machine that runs the Integration Service on a Windows 64-bit operating system or on Linux.
BDM-2726	When you run multiple concurrent mappings from <code>infacmd</code> command line for a long time, the mapping run might fail with an error. (441218)

Informatica Connector Toolkit Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-13540	When you use <code>Datetime</code> data type in a filter operation, you cannot test the read capability of the adapter. Workaround: Use the Developer tool to test the <code>Datetime</code> data type. (438209)
PLAT-13539	When you create native metadata objects with the same name but different letter case, the code generation fails. Workaround: Use different names for different native metadata objects. (438203)
PLAT-13529	When you edit a connection attribute that has dependent fields, the test connection wizard does not display the changes made to the connection attribute. (435998)
OCON-6588	When you add record extension attributes to the <code>writeObjects</code> method, the adapter does not get values for the record extension attributes at run time.

Bug	Description
OCON-6520	When you create an attribute for a native metadata object of type String with Max Length set to 255, the Max Length of the attribute is set incorrectly to 4000 after code generation.
OCON-6303	<p>If you specified Enable Upsert Support and implemented upsert operation for the adapter, at run time there is no tool tip to suggest the value that you need to specify for the <code>UpdateMode</code> attribute.</p> <p>Workaround: You can specify one of the following values for the <code>UpdateMode</code> attribute at run time:</p> <ul style="list-style-type: none"> - Update As Update. If you specify the Update As Update value, you must implement the upsert logic so that the adapter updates an existing row while writing to the target. - Update Else Insert. If you specify the Update Else Insert value, you must implement the upsert logic so that the adapter updates an existing row if the row exists in the target, else inserts a row while writing to the target.

Data Transformation Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14550	<p>A mapping with a Data Processor transformation with Parquet read or Parquet write fails when running in Hive on IBM BigInsights version 4.2.</p> <p>Workaround: On the Data Integration Service machine, edit the <code>hadoopEnv.properties</code> file in the directory <code>services\shared\hadoop\biginsight_4.2\infaConf\</code>. Locate <code>infapdo.aux.jars.path</code> and add <code>file://\$DIS_HADOOP_DIST/lib/parquet-avro-1.6.0rc3.jar</code>.</p>
CM-7772	The Data Viewer might display markings in a PDF incorrectly for a Data Processor transformation that uses UTF-8 working encoding for input with multibyte characters.
BDM-3072	<p>A Data Processor transformation with hierarchical input and relational output, or relational input and hierarchical output, and with a Decimal38 output port, might fail in a mapping. A Hierarchical to Relational transformation with a Decimal38 output port, or a Relational to Hierarchical transformation with the same, might also fail in a mapping. (455003)</p> <p>Workaround: Do not use Decimal38 for any output port in these transformations.</p>
B2BT-24	<p>A mapping with a Data Processor transformation with Parquet read or Parquet write fails when running in Hive on Azure HDInsight version 3.4.</p> <p>Workaround: On the Data Integration Service machine, edit the <code>hadoopEnv.properties</code> file in the directory <code>services\shared\hadoop\HDInsight_3.4\infaConf\</code>. Locate <code>infapdo.env.entry.mapred_classpath</code> and add <code>\$HADOOP_NODE_HADOOP_DIST/lib/parquet-avro-1.4.1.jar</code>.</p>

Data Type Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-9589	You cannot preview or run a mapping that contains a Java transformation with an unconnected output port of the Timestamp with Time Zone data type. (442175)
PLAT-9580	Default value does not always appear for the Timestamp with Time Zone input port in the testing panel of the Expression Editor. Workaround: Verify that the source data contains the following format for Timestamp with Time Zone: MM/DD/YYYY HH24:MI:SS TZR (439057)
PLAT-14753	The Web Services Consumer transformation and the REST Web Services Consumer transformation do not support the Timestamp with Time Zone data type. (443876)
PLAT-14737	When the number of input rows is greater than 100,000 and the mapping contains a Java transformation with a Timestamp with Time Zone port, the mapping sometimes fails unexpectedly. (440398)
PLAT-14656	Unable to read SAP HANA data for the columns of the Decimal data type with precision from 35 digits to 38 digits. (413806)
PLAT-13511	You cannot specify a Timestamp with Time Zone data type with a time zone region in Daylight Savings Time (TZD) format. (427263)
OCON-6523	You cannot preview data, run profiles or scorecards, or run a mapping for a Timestamp with Time Zone data type on Solaris.
OCON-364	On AIX 6.1, a mapping fails with an unexpected condition when the mapping contains a Timestamp with Time Zone data type. (439054)
OCON-1258	You cannot use a delimiter other than a colon when specifying the time zone offset with the Timestamp with Time Zone data type. Workaround: Change the delimiter to a colon for the time zone offset for the Timestamp with Time Zone data type. (426892)
BDM-2725	When you do not specify the date format in the Run Configurations dialog box or when you do not specify the Timestamp with Time Zone formats in the target file, the Data Integration Service rejects the rows randomly during implicit conversion of a large data set. Workaround: Verify that the data contains the date format specified at the Run Configurations and the Timestamp with Time Zone formats in the target file. You can use a data set with less than 100,000 rows. (440559)
BDM-2720	The Data Integration Service does not apply the cost-based optimization method to the mapping that contains a Timestamp with Time Zone data type even if the mapping is configured with the full optimizer level. (438661)
BDM-2718	Nanoseconds are ignored for Timestamp with Time Zone data in the expression result at the bottom of the testing panel in the Expression Editor. (438040)
BDM-2713	When you configure a mapping that contains a TO_BIGINT function and the function converts decimal values to bigint values for pushdown optimization, the mapping writes incorrect data to the target. Workaround: Do not configure pushdown optimization for the mapping and run the mapping again. (437066)

Bug	Description
BDM-2709	Expression format validation fails for the Timestamp with Time Zone functions: CREATE_TIMESTAMP_TZ, GET_TIMEZONE, GET_TIMESTAMP, and TO_TIMESTAMP_TZ. (432822)
BDM-2463	When you use Timestamp with Time Zone data type in the mapping, the data gets truncated if the precision exceeds seconds. The issue occurs when you enable data object caching on the logical data object mappings and the data object caching database is on IBM DB2 or Microsoft SQL Server. (438061)

Developer Tool Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-9719	When you use an SQL mapping and specify complex queries to generate a mapping, the Developer tool stops responding. Workaround: You must increase the default value of -Xmx value to 1536M in the <code>developerCore.ini</code> file and relaunch the Developer tool. (458862)
PLAT-9400	Users with the IMFCryptographer file can access Model repository objects in the Developer tool that they do not have permissions on. Workaround: Use Kerberos authentication to prevent transmission of passwords between client and server. (409289)
PLAT-14793	When you run data preview on an Oracle table with a native SSL connection or you run a mapping that has an Oracle data object with a native SSL connection, the Developer tool shuts down unexpectedly. (393023)
PLAT-14704	You cannot use the keyboard to add an HTTP web connection. Workaround: Use the mouse to add an HTTP web connection. (431728)
PLAT-14703	You cannot use the keyboard to add a web service connection. Workaround: Use the mouse to add a web service connection. (431726)
PLAT-14673	When you create an Oracle connection with a case-sensitive user name, the Developer tool does not display the default schema. (421946)
PLAT-14011	If you install the SQL Server JDBC driver on a virtual machine, you cannot use the driver to connect to Azure SQLServer. (457076)
PLAT-13743	When you import Teradata or Netezza objects from PowerCenter to the Developer tool, objects are converted as Teradata or Netezza objects by default. (457283)
PLAT-13688	The Developer tool imports the DECFLOAT data type of IBM DB2 for z/OS tables as Char(0). (455216)
PLAT-13620	If you choose to fetch columns from a Microsoft SQL Server source at run time, the data preview and mapping fail. (448786)

Bug	Description
OCON-6656	Mappings that contain columns of the Timestamp with Time Zone data type fail if you do not install the Microsoft Visual C++ 2010 Redistributable Package on the server machine.
OCON-609	When you import Teradata and Netezza mappings that contain stored procedures or SQL transformations from PowerCenter to the Developer tool, the import fails. (461184)
OCON-436	<p>When you import Teradata and Netezza mappings that contain parameters from PowerCenter into the Developer tool, the mapping conversion framework does not bind the parameters between the object and the mapping automatically.</p> <p>Workaround: When you import Teradata and Netezza mappings, mapping parameters <param> from PowerCenter are renamed as <param_mappingname> in the object level in the Developer tool.</p> <p>To bind the parameters with the mapping parameters, perform one of the following tasks:</p> <ul style="list-style-type: none"> - On the Parameter tab of the Netezza or Teradata source and target object, select the required parameters, and then select Expose as Mapping Parameter. - Select the required parameter in the Netezza or Teradata source or target object, click the Instance value, select Specify by Parameter from the list, browse, and then bind the object parameter with the required mapping parameters. <p>(455937)</p>
OCON-328	If a Teradata mapping contains an SQL query that reads decimal columns with precision less than 15, the mapping fails to run after you import the mapping from PowerCenter to the Developer tool. (459488)
IDQ-2741	Copy and paste operations on a reference table object might fail. Workaround: Before you copy and past the object, press F5 to refresh the Model repository view. (459780)

Domain Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14399	<p>When you upgrade the domain, the Analyst Service fails to update the value of MaxMetaspaceSize to 256m in the JVM Command Line Options property. Also, the property MaxPermSize appears even when you upgrade the domain. Ignore this property.</p> <p>Workaround:</p> <p>Configure the value of MaxMetaspaceSize to 256m in the JVM Command Line Options property on the Advanced Properties tab of the Analyst Service.</p>
PLAT-14100	<p>If the Administrator tool is unavailable during upgrade and the previous domain contained a Reporting and Dashboards Service or a Reporting Service, the obsolete services might incorrectly remain in the upgraded domain.</p> <p>Workaround: Run the infacmd isp ListService command to list the Reporting and Dashboards Service or a Reporting Service in the upgraded domain. You can then manually disable and remove the services in the upgraded domain with the infacmd isp DisableService and RemoveService commands.</p>

Enterprise Information Catalog Known Limitations

The following table describes known limitations:

Bug	Description
LDM-975	Testing an HDFS connection fails if you install Live Data Map on a cluster that does not use the Kerberos authentication and the HDFS source is not in a Kerberos environment. (458365)
LDM-876	Enterprise Information Catalog does not display the resource type version in the Overview tab for an Informatica Platform resource. (459390)
LDM-873	If you use the Informatica Platform version 10.0 resource to extract Model repository metadata, Enterprise Information Catalog does not display the lineage information for source data that contains the Exception transformation. (459654)
LDM-867	If you use the Informatica Platform version 9.6.1 HotFix 3 or 9.6.1 HotFix 4 resource to extract Model repository metadata and the Informatica domain is SSL-enabled, a scan on the resource fails. (460485)
LDM-858	You cannot install Live Data Map in non-US English locales. Creating Catalog Service and Informatica Cluster Service with the cluster name in Japanese, Korean, or Simplified Chinese fails. Workaround: Install Live Data Map using the English locale or create the Catalog Service and Informatica Cluster Service with the cluster name in English. (460692)
LDM-2628	Informatica Cluster Service sometimes fails due to user-credential cache issues. Workaround: Run the <i>kdestroy</i> utility on the Informatica domain host to delete the active Kerberos authorization tickets and the user credential cache that contains them.
LDM-2575	Enterprise Information Catalog displays an error message about invalid test connection when you create an SAP R/3 resource and do not specify the language to use for metadata extraction. Workaround: Specify the language to use for the metadata extraction.
LDM-2551	Running a scan on an IBM DB2 for z/OS resource on AS/400 fails if the resource has multiple assets, such as tables and stored procedures, with the same name.
LDM-2537	Running a scan on a relational resource fails after you specify a schema name in lowercase using regular expression while creating the resource. Workaround: Specify the schema name in uppercase and run the scan again.
LDM-2512	If a source database and resource share the same name, Enterprise Information Catalog does not display the count for the resource on the home page. Workaround: Use the full name or a part of the resource name to search for the resource and view the resource details in the search results.
LDM-2494	You are unable to apply user group permissions to a resource when you use the Custom option in the Select Schema dialog box for the default group called Everyone .
LDM-2490	If you remove an existing custom attribute association from a resource after you run a scan on the resource in Live Data Map Administrator, the Enterprise Information Catalog search results incorrectly display previously associated custom attribute values. Workaround: Save and run the resource again before you perform the search.
LDM-2398	The metadata extraction fails if the following conditions are true: <ul style="list-style-type: none"> - You ran a scan on an Amazon S3 resource. - You configured profiling settings to fetch profiling results from a CSV file that contains at least one column header with a space or special character in it.

Bug	Description
LDM-2385	Enterprise Information Catalog generates a run-time error when it runs the profiling scan on a Hive source in the Azure HDInsight environment.
LDM-2383	The exported file of a lineage and impact diagram does not display the full names of long table names.
LDM-2366	The Apache Solr Service unexpectedly shuts down if the following conditions are true: 1. You ran a scan on a very large resource, for example, a resource with more than 90000 relational tables that has several custom attributes. 2. After the scan run is complete, you changed some of the custom attribute values.
LDM-2333	When you have a large number of business terms in the Related Glossary Assets section, the Asset Details view takes a long time to display the parent relationship information of business terms.
LDM-2127	When you log in to the Enterprise Information Catalog as an LDAP user or non-administrative user, the following error message appears: <pre>"com.informatica.isp.corecommon.exceptions.ISPConfigException: [UM_10007] The user [ldapuser] in security domain [Native] does not exist in the domain."</pre> Workaround: To resolve this issue, perform the following steps: 1. Log out of the Enterprise Information Catalog. 2. Clear the browser cache, and then log in to the Enterprise Information Catalog.
LDM-2094	Enterprise Information Catalog does not return the profiling results when the following conditions are true: - The profiling warehouse is configured on Microsoft SQL Server. - You selected the Blaze engine run-time environment as part of the profiling configuration settings.
LDM-1003	Informatica Administrator displays that the Catalog Service is unavailable when the Catalog Service restarts after you upgrade Live Data Map. (459770)
EIC-798	The search results page might not show the search results when the following conditions are true: 1. You logged out of the Enterprise Information Catalog from the search results page. 2. You logged in to the Enterprise Information Catalog, and then searched for an asset using an asterisk (*) as a wildcard character in the search field.
EIC-793	In the Edit Properties dialog box, you cannot scroll down to the bottom of the list of terms to view the complete list of business terms. Workaround: If you want to search for a term in the terms list, enter the first few characters of the term name in the search field.
EIC-741	The Assets Details view incorrectly shows the Governed By relationship for both related business terms and policies in the Related Glossary Assets section.
EIC-726	A user who does not have access permission to view synonyms can still view synonyms columns in the Lineage and Impact view.
EIC-612	The Business Glossary scanner does not ingest category names with special characters as classifiers in the Enterprise Information Catalog.
EIC-602	The Relationships view does not display rejected data domains along with system attributes.
EIC-445	When you drill down on the tables, views, or synonyms that have 1000 columns or more, the Lineage and Impact view takes a long time to display the columns.

Exception Management Known Limitations

The following table describes known limitations:

Bug	Description
MWF-518	You cannot open an exception task or a cluster task if you log in to the Analyst tool with a user name that contains a single quotation mark.
IDQ-4469	The Analyst tool can display a misleading error message when you apply a filter in a cluster task. The message states that a database table or view does not exist, whereas the Analyst tool can find all tables or views that the filters need. The issue arises when the following conditions are true: <ul style="list-style-type: none">- The cluster data resides in a different database to the audit trail data for the cluster.- The databases are of different types.
IDQ-4402	You cannot apply a filter that specifies date data in a cluster task.
IDQ-4268	You cannot find and replace a value on all pages in an exception task in a single operation in the following scenario: <ul style="list-style-type: none">- You try to replace a numeric value with another value that has a higher precision than the data column permits.
IDQ-4174	You cannot find and replace date values on all pages in an exception task in a single operation in the following scenario: <ul style="list-style-type: none">- You log into the Analyst tool on a machine that runs in a different time zone to the machine that hosts the Informatica services.
IDQ-3983	The Analyst Service does not generate an error message if you do not enter a valid schema name when you define an exception management audit database on the service.
IDQ-3913	The Exception transformation creates bad record tables and duplicate record tables in the default table space of an IBM DB2 database regardless of the table space that you specify on the database connection.

Intelligent Data Lake Known Limitations

The following table describes known limitations:

Bug	Description
IDL 1744	The Data Preview tab and Import to Lake option appear for Hive data assets that are not in the data lake (as defined in the IDL service configuration). You cannot import these assets into the lake using these options.
IDL 1655	In a Hortonworks distribution, Sqoop does not support case-sensitive metadata and hence export fails.
IDL 1610	The activity statistics such as row count for import, export, and publication operations do not display any values when you use Blaze engine for execution.
IDL 1608	The Import operation fails if you try to import timestamp data with timezone from an Oracle data source. Timestamp with Timezone is not supported for Sqoop on Blaze engine due to file format limitations.

Bug	Description
IDL 1565	When you try to export data to append or overwrite a view on an external database or import from a view in an external database, the application indicates that the activity is complete, but the import or export operation fails because it is not allowed.
IDL 1471	Column-level privileges are not supported on Ranger and Sentry due to third party (Ranger/Sentry) metadata access limitations.

Intelligent Streaming Known Limitations

The following table describes known limitations:

Bug	Description
IIS-376	<p>When you use Sqoop as a Lookup transformation in a streaming mapping, the mapping runs successfully but the following exception occurs in the cluster logs:</p> <pre>SEVERE: Error loading factory org.apache.calcite.jdbc.CalciteJdbc41Factory java.lang.NoClassDefFoundError:</pre> <p>You can ignore the exception.</p>

Mappings and Workflows Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14168	<p>When you perform a search and replace operation on a date-time value in an exception task, the Analyst tool does not update the date-time value with the value that you entered. The issue arises when the Analyst tool browser uses an English (United Kingdom) locale.</p> <p>Workaround: Set the browser locale to English (United States). (461315)</p>
PLAT-12052	<p>A mapping that reads from a flat file source might not be fully optimized at run time when the following conditions are true:</p> <ul style="list-style-type: none"> - The flat file data object uses the SourceDir system parameter for the source file directory. - The mapping runs on a Data Integration Service grid configured to run jobs in separate remote processes. <p>Workaround: Configure the flat file data object to use a string value or a user-defined parameter for the source file directory. (426806)</p>
PLAT-1531	<p>No validation error occurs if you create a workflow parameter name with a leading dollar sign (\$). (429231)</p>
PLAT-1359	<p>When the target for a Write transformation includes two database tables with a parent-child relationship, the mapping fails if you enable the option to Create or replace table at run time. The Data Integration Service drops and recreates the tables in a specified order that prevents recreation of the correct primary key - foreign key relationship between the parent and child tables. (439220)</p>

Bug	Description
OCON-7025	On AIX operating systems, when you use an SSL-enabled Oracle connection and the Oracle 12C client to connect to an Oracle database, the mapping fails. (443730)
OCON-794	When you use an ODBC connection and write data to a Netezza target, the Data Integration Service rejects data of the Boolean and Timestamp data types. (439979)
OCON-328	If a Teradata or Netezza mapping contains an SQL query that reads decimal columns with precision less than 15, the mapping fails to run after you import the mapping from PowerCenter to the Developer tool. (459488)
MWF-599	If a Data Integration Service fails during a workflow run on a Virtual Machine, the workflow can experience problems when it restarts. For example, you might be unable to start the workflow, abort the workflow, or start another workflow. The Model Repository Service might not return any status information for the workflow objects.
MWF-588	The Data Integration Service can run a maximum of ten Mapping tasks in parallel in a workflow. If you configure more than ten Mapping tasks between Inclusive gateways in a workflow, the Data Integration Service runs the tasks in batches of ten.
MWF-587	A Mapping task in a workflow returns a status value of 1 or 0 (zero) on completion in place of true or false.
MWF-525	You cannot import a workflow to the Model repository when the following conditions are true: <ul style="list-style-type: none"> - A task in the workflow has a name that contains more than 128 characters. - The Model repository is an IBM DB2 database. The issue can also arise when you try to save the workflow to an IBM DB2 Model repository.
MWF-484	The Developer tool does not invalidate the following workflow configuration: <ul style="list-style-type: none"> - You configure a Human task to distribute task instances to users based on the values in a column that you select. - You configure the Human task so that the task distribution column is editable by all users.
MWF-247	When the Data Integration Service stops during a workflow run, the workflow monitor might incorrectly report the status of one or more tasks. For example, the monitor might report that one or more tasks remain in a running state. Or, the workflow monitor might not refer to tasks that completed. <p>The issue arises when the following conditions are true:</p> <ul style="list-style-type: none"> - The Data Integration Service stops during the task distribution stage of a Human task. - The workflow includes the Human tasks and other tasks on sequence flows between two Inclusive gateways. - You configured the workflow for automatic recovery.
MWF-243	When a workflow recovers after the Data Integration Service stops unexpectedly, the Data Integration Service might run one or more Mapping tasks a second time. <p>The issue arises when the following conditions are true:</p> <ul style="list-style-type: none"> - The workflow includes a Mapping task and a downstream Human task on multiple sequence flows between two Inclusive gateways. - You set the maximum number of restart attempts on the domain to 1. - You configured the workflow for automatic recovery or manual recovery.
MWF-237	When you manually recover a workflow on a grid, the Data Integration Service on the master node might run one or more Mapping tasks a second time. <p>The issue arises when the following conditions are true:</p> <ul style="list-style-type: none"> - The workflow includes the Mapping tasks on sequence flows between two Inclusive gateways. - The Data Integration Service on the previous master node stopped during the Inclusive gateway phase after it ran one or more Mapping tasks. - You configured the workflow for manual recovery.

Bug	Description
MWF-220	<p>When the Data Integration Service on the master node in a grid stops during a workflow run, the workflow monitor might incorrectly report the status of one or more workflow tasks. The monitor might report that one or more Mapping tasks are in a canceled state. Additionally, the workflow monitor might not refer to tasks that completed after the Mapping tasks completed.</p> <p>The issue arises when the following conditions are true:</p> <ul style="list-style-type: none"> - The Data Integration Service on the master node fails over to a Data Integration Service on a worker node while the Mapping tasks are running. - The workflow includes the Mapping tasks on sequence flows between two Inclusive gateways. - You configured the workflow for automatic recovery.
MWF-218	<p>If the Data Integration Service restarts during a Mapping task in a workflow, the service might not run the Mapping task and one or more subsequent tasks when the workflow recovers. For example, if a Human task follows the Mapping task, the Data Integration Service skips the Mapping task and the Human task when the workflow recovers.</p> <p>The issue arises when the following conditions are true:</p> <ul style="list-style-type: none"> - The Data Integration Service stops immediately after it begins to run the mapping from the Mapping task. - You configured a skip recovery strategy on the Mapping task.
MWF-210	<p>When a workflow that includes a Command task and a Human task recovers from a Data Integration Service interruption, the workflow monitor might not show the correct state of the Command task. The workflow monitor might show that the Command task is running, although the task restarted and completed on recovery.</p> <p>The issue arises when the following conditions are true:</p> <ul style="list-style-type: none"> - The workflow runs the Command task and the Human task in parallel between two Inclusive gateways. - The Human task generates a large number of task instances, for example 600 task instances. (456589)
MWF-209	<p>A workflow that contains multiple Mapping tasks on sequence flows between two Inclusive gateways might re-run the tasks when the following conditions are true:</p> <ul style="list-style-type: none"> - The Data Integration Service stops while the Mapping tasks are running. - The Data Integration Service fails over on a grid or fails over from a primary node to a backup node in a domain. - You configured the workflow for automatic recovery.
BDM-4701	<p>When you run multiple concurrent instances of the same workflow, the Mapping tasks might fail to update a persisted mapping output.</p> <p>Workaround: Start the workflows with a ten second delay between them. (443810)</p>
BDM-4489	<p>When an SQL data service query generates a long WHERE clause, pushdown to the source fails. For example, if an SQL query generates a WHERE clause of 61 KB or higher, pushdown to source fails.</p> <p>Workaround: You can reduce the optimizer level for the query or increase memory for the JVM that runs the Data Integration Service. (375473)</p>
BDM-2611	<p>A partitioned mapping fails if you use the default merge file name to sequentially merge the target output for all partitions.</p> <p>Workaround: Change the default name of the merge file. (393416)</p>
BDM-2558	<p>The Data Integration Service does not apply the cost-based optimization method to a mapping that contains an unspecified row limit or a LIMIT clause in the SQL transformation even if the mapping is configured to use the cost-based optimization method. (440275)</p>

Bug	Description
BDM-2553	When the Data Integration Service applies the cost-based optimization method to a mapping with an Aggregator transformation, it might add an extra Sorter transformation even if the data is sorted before the Joiner transformation and the Aggregator transformation appears after the Joiner transformation. (440849)
BDM-2436	A validated mapping fails to run with an expression parsing error because an expression contains Unicode punctuation characters in field names. (431685)

Metadata Manager Known Limitations

The following table describes known limitations:

Bug	Description
MM-2722	On Solaris, creating an Informatica Platform resource that extracts metadata from a version 10.1.1 deployed application fails with the following errors in the mm.log file: <pre>ERROR InfacmdUtil - Invalid Platform ERROR ResourceUtil - The resource configuration properties are not valid. Check the mm.log file for details.</pre>
MM-2709	In the List view of the metadata catalog, when you view an object that has a forward slash character (/) in the name, Metadata Manager displays the message "Loading data..." but never displays the object. Workaround: View the object in the Tree view of the metadata catalog.
MM-2707	When you create a Microsoft SQL Server resource that uses a trusted connection, testing the connection fails with a "Cannot connect to the source database" error.
MM-2678	The default Metadata Manager Agent that starts when the Metadata Manager Service is enabled does not work when the domain uses Kerberos authentication. Workaround: Download and install the Metadata Manager Agent separately on a Windows machine.
MM-2663	If you associate a business term with an object that has any of the following special characters in the name, and then you remove the term association, the Analyst tool glossary still shows the object as a related object for the term: < > = / \ [
MM-2344	When you load an Informatica Platform resource that contains a mapping with an SQL override, Metadata Manager does not parse the SQL query or generate the links associated with the query.
MM-2320	If you create a Tableau resource that contains multiple reports that use connections with the same name, Metadata Manager extracts only one of the connections. Workaround: Use automatic connection assignments for linking. When you use automatic connection assignments, Metadata Manager creates links for all connections.
MM-2312	When you load a Cloudera Navigator resource incrementally, Metadata Manager does not extract new Sqoop job templates and executions. Workaround: Disable incremental loading.

Bug	Description
MM-2295	When you load an Informatica Platform resource that uses a parameter to specify the file name or path of a flat file, Metadata Manager does not resolve the parameter.
MM-2291	If you link a business glossary term to a catalog object that has any of the following special characters in the name, the Analyst tool glossary does not show the object as a related object for the business term: ~ ` ! @ # \$ % ^ & * () - _ = } { [] \ ; : ' " , < . > ? /
MM-2283	You cannot create a Microsoft SQL Server Integration Services 2014 file-based resource using the File configuration property if the package file also has dependent connection manager (.conmgr) files. Workaround: Put the package file and all related connection manager files in the same directory, and specify the Directory configuration property instead of the File configuration property.
MM-2227	When you load an Informatica Platform resource that uses a parameter to specify the schema name of a lookup table, Metadata Manager does not resolve the parameter.
MM-2074	When you run the rmu command line program on a resource from a previous version of Metadata Manager, migration fails. For example, migration fails if you run rmu version 10.1 on a 9.6.1 HotFix 4 resource that has not been upgraded to 10.1 and marked deprecated by the upgrade process. (461099)
MM-2064	When you load an Oracle resource incrementally, the mm.log file shows some "unique constraint" transformation errors. (460309)
MM-2026	You cannot load an Informatica Platform resource that extracts metadata from a deployed application of version 9.5.1 or any 9.5.1 HotFix. Workaround: Extract metadata from an application archive file. (457381)
MM-1853	When you use the rmu migration utility to migrate a 9.5.1 HotFix 2 resource, the migration fails with the following errors: ERROR - Unrecognized option: -includePassword ERROR - Migration for resource:Resource Type-<Type>, Source System Version-<Version>, name-<Name> failed Workaround: Upgrade the Metadata Manager warehouse to version 10.0, and then migrate the deprecated resources. (442395)
MM-1848	Loading certain resources fails randomly with the following error in the mm.log file: LoaderThread] ERROR TaskHandler - An error occurred in LineageGraphInternalLinksCreationTaskHandler: com.orienttechnologies.orient.core.exception.ODatabaseException: Error on saving record #<number> Workaround: Add the following properties to the imm.properties file and specify property values that are less than the default values: - Lineage.PreCompute.ElementsInSingleTransaction. Default is 50,000. - Lineage.PreCompute.FetchBlockSize. Default is 5000. (441925)
MM-1846	When the Metadata Manager repository database type is Microsoft SQL Server, and you create a Metadata Manager Service with secure JDBC parameters in the database connection URL, the service cannot connect to the database. Workaround: Enclose the secure JDBC parameters string in quotation marks. (441860)
MM-1730	Data lineage for custom objects with "Any Model, Any Class" class-level relationships is incorrect when the objects are linked to PowerCenter mappings. (426995)

Bug	Description
MM-1506	The Find button in the lineage diagram does not display search results the first time that you click it. Workaround: Click the button a second time to display the search results. (395899)
BG-1134	When you load a business glossary resource that contains a business term with a rule asset and related assets from Metadata Manager, the Metadata Manager Service does not synchronize the related catalog objects in Metadata Manager with the related assets in the Analyst tool. The load log displays the following error: BG links migration failed... The requested object does not exist in the catalog. Workaround: To synchronize the related catalog objects with the related assets, unassign the rule asset from the term before you load the glossary. Reassign the rule asset to the term after the load completes. (442486)
BG-1131	After you load a business glossary resource in a domain that uses Kerberos authentication, the load status shows "Load Successful;Indexing Successful;Linking Failed" instead of "Load Successful;Indexing Successful;Not Linked." (441322)
BG-1127	When you load a Business Glossary resource that contains term names with backslash characters (\), the load fails with the following error: Incomplete values at line <number> (439498)
BG-1111	When you load a Business Glossary resource that contains different combinations of special characters in the glossary name, the load might fail with an internal error or a Java runtime exception. (420072)
BG-1099	In Metadata Manager, if the name of a related catalog object for a business term contains a space as the first character, the corresponding data assets are not updated in the Analyst tool business glossary. Also, if the name of a related catalog object for a business term contains any of the following characters, the URL in the Analyst tool business glossary does not work: ` ~ ! @ # \$ % ^ & * () , / \ " (393548)
BDM-2626	Metadata Manager does not support metadata extraction for dynamic mappings. (432827)

PowerCenter Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14877	You cannot specify an error action when you use the ODBC provider type in the Microsoft SQL Server connection. (442622)
PLAT-14860	If you update the Provider Type and Use DSN options for a Microsoft SQL Server ODBC connection by using the pmrep UpdateConnection command, the command fails. (425055)
PLAT-14859	On a Windows platform, if you execute a query that uses a Sybase IQ External Loader connection to load to a Sybase IQ target, and if the Server Datafile Directory is not accessible, the session hangs. Workaround: When you run the mapping, ensure that the Windows machine that hosts the PowerCenter Integration Service has access to the Sybase IQ server. (423523)

Bug	Description
IDQ-4271	The PowerCenter Integration Service generates an unhelpful error message when a dual-source identity match mapping fails to run and the mapping originates in a non-current Model repository. (450540)
CORE-4687	Failed to check appropriate privileges for the metadata web services. (392671)

Profiles and Scorecards Known Limitations

The following table describes known limitations:

Bug	Description
IDE-2246	When you run a column profile from the Developer tool, the Data Transformation Manager (DTM) shuts down when the following conditions are true: <ol style="list-style-type: none"> 1. You specify a JDBC connection as a profiling warehouse connection for IBM DB2 UDB, Microsoft SQL Server, and Oracle database types. 2. You use a Netezza connection for the native run-time environment. 3. You create and run a column profile in the native run-time environment.
IDE-2234	In the Developer tool, the enterprise discovery profiles fail when the following conditions are true: <ol style="list-style-type: none"> 1. You specify a JDBC connection as the profiling warehouse connection for IBM DB2 UDB, Microsoft SQL Server, and Oracle database types. 2. You choose the native run-time environment to run the profile.
IDE-2233	In the Developer tool, the column profiles with data domain discovery fail when the following conditions are true: <ol style="list-style-type: none"> 1. You specify a JDBC connection as the profiling warehouse connection for IBM DB2 UDB, Microsoft SQL Server, and Oracle database types. 2. You choose the native run-time environment to run the profile.
IDE-2205	In the Analyst tool, when you drill down on a column with the documented data type as numeric and the inferred data type as datetime, the drilldown results display only the dates.
IDE-1914	In the Developer tool, when you run a column profile on an Avro data source with source columns of precision 256 or more, the column profile fails. Workaround: After you reduce the precision of the columns in the data source to 255, create and run the profile.

Rule Specifications Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-12292	<p>When you test the logic in a rule specification, the Analyst tool does not display any results when the following conditions are true:</p> <ul style="list-style-type: none"> - The rule specification references one or more mapplet rules. - The rule specification includes a rule statement that contains multiple linked conditions. <p>Additionally, when you try to save the rule statement, the Analyst tool displays an error.</p>
IDQ-4257	<p>The Analyst tool renames an input in a rule specification and invalidates the rule specification when the following conditions are true:</p> <ul style="list-style-type: none"> - The rule specification is present in a Model repository that you upgrade to version 10.0. - The rule specification contains more than one input with the same name. <p>Workaround: Delete the inputs from the rule sets. Create the inputs again and add the inputs to the rule sets. (442146)</p>
IDQ-4250	<p>The Analyst tool returns incorrect results when you test a rule specification that contains a mapplet that you generated from another rule specification. The issue arises when the mapplet that you generated reads another mapplet in the Model repository.</p> <p>Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays. (439899)</p>
IDQ-4249	<p>The Analyst tool returns incorrect results when you test a rule specification that contains a mapplet that you generated from another rule specification. The issue arises when the rule specification that generated the mapplet contains a rule set with the same name as a mapplet in the Model repository.</p> <p>Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays. (439453)</p>
IDQ-4246	<p>The Analyst tool might display an error message when you open a rule specification that contains a mapplet that you generated from another rule specification. The issue arises if you generate another version of the mapplet after you added the mapplet to the rule specification in the same Analyst tool session.</p> <p>Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays. (439258)</p>
IDQ-4244	<p>When you copy a chain of linked rule statements to another rule set in a rule specification, you cannot generate a mapplet from the rule specification. The issue arises when you embed a mapplet in the second rule statement or a subsequent rule statement in the chain. You can encounter the issue in the following cases:</p> <ul style="list-style-type: none"> - You copy the chain of rule statements to a rule set in the same rule specification or in another rule specification. - You copy a rule set that contains the chain of rule statements to another location in the same rule specification or to another rule specification. (439182)
IDQ-4200	<p>You cannot configure a rule statement that generates output from an addition or subtraction operation and a rule statement that generates output from a multiplication or division operation in the same rule set. The Analyst tool treats the output from an addition or subtraction operation as a different data type than the output from a multiplication or division operation.</p> <p>Workaround: Configure the rule statements in different rule sets. (378801)</p>
IDQ-3982	<p>When you generate mapplets from a rule specification, the Analyst tool does not display the mapplets in the Generated Assets view when the following conditions are true:</p> <ul style="list-style-type: none"> - The rule specification references one or more mapplet rules. - The rule specification includes a rule statement that contains multiple linked conditions.

Bug	Description
IDQ-2746	The properties view for a rule specification that you compiled before you upgraded to version 10.1 does not identify the mapplet that the compilation operation generated. (460038)
IDQ-2735	<p>You cannot validate a rule specification when the following conditions are true:</p> <ul style="list-style-type: none"> - You add a mapplet to a rule statement in the rule specification. - The mapplet that you add to the rule statement includes a reference to another mapplet. - You compiled the mapplets that you add in each case from rule specifications that you created in the current session. <p>Workaround: Log out of the Analyst tool and log in again. (459453)</p>

Security Known Limitations

The following table describes known limitations:

Bug	Description
PLAT-14569	<p>Generating aggregated logs and node diagnostics files fails in a SAML-enabled domain if you log in to the Administrator tool using single sign-on credentials.</p> <p>Workaround: Log in to the Administrator tool using native user credentials.</p>
PLAT-14543	<p>When a user in a SAML-enabled domain logs out of one Informatica web application, the user should also be logged out of all other Informatica web applications running in the same browser session. However a user is not logged out of all web applications if the user's LDAP account name includes an ampersand (&) character.</p>
PLAT-14269	<p>Web application users locked out due to multiple incorrect login attempts in a SAML-enabled domain are not listed in the Locked Out LDAP Users section in the Security>Account Management page in the Administrator tool.</p>

SQL Data Services Known Limitations

The following table describes known limitations:

Bug	Description
BDM-4646	Connecting to an ODBC data source with the 64-bit Informatica Data Services ODBC Driver 10.1.1 in a Kerberos-enabled domain fails with the following error: Failed to load the library [krb5_32.dll]
BDM-4406	The Squirrel SQL Client connection fails when you use an Informatica Data Services JDBC driver. Workaround: Use version 1.7 of Apache Commons Code instead of 1.3. Version 1.7 is located at <Informatica installation directory>\tools\jdbcdrv\commons-codec-1.7.
BDM-3917	When you stop and restart the application on the Data Integration Service and test sample a selected object in IBM Cognos Framework Manager, the connection associated with the application fails with the following error:This query contains an error and cannot be executed. Workaround: Close and restart IBM Cognos Framework Manager.

Third-Party Limitations

The following table describes third-party known limitations:

Bug	Description
PLAT-14849	On AIX operating systems, when you enable secure communication to an SAP HANA database on AIX with the SSL protocol, mappings terminate unexpectedly. SAP ticket reference number: 0001101086 (410495)
PLAT-14827	Mapping fails in the Hive environment if the user name or password for a target IBM DB2 table is more than eight characters. The following error appears in the Hadoop cluster logs: Caused by: java.io.IOException: Mapping execution failed with the following error: WRT_8001 Error connecting to database... WRT_8001 [Session Write_EMP_OUT5_MAPPING_3285816766724683 Username test_it2 DB Error -1 [IBM [CLI Driver] SQL30082N Security processing failed with reason "24" ("USERNAME AND/OR PASSWORD INVALID"). SQLSTATE=08001 Workaround: Verify that the IBM DB2 database user name and password is less than eight characters. (410437)
PLAT-14796	When a MySQL table name contains special characters, the Developer tool does not import all the columns. This issue occurs when you use the DataDirect ODBC and JDBC drivers to import the metadata. (395943) DataDirect ticket reference number: 00322369
PLAT-14658	When you preview data from the SAP HANA database for a decimal data type with a precision of 38 digits, the data preview runs continuously. When you run the mapping, the mapping run fails with an error. (414220) SAP ticket reference number: 0000624569 2015 (414220)

Bug	Description
PLAT-14653	<p>When you import a Timestamp with Time Zone metadata, the scale appears as 0 instead of 6 for the data type.</p> <p>DataDirect reference number: 00310850 (413119)</p>
PLAT-14061	<p>Sessions that read data from an Oracle source or write data to an Oracle target might fail when secure communication is enabled for the Oracle database. A session is more likely to fail when it performs a database lookup against a secure Oracle database.</p> <p>Workaround: Contact Informatica Global Customer Support. Reference Oracle SR number: 3-8287328531. (373732)</p>
PLAT-14060	<p>You cannot create an Oracle resource when secure communication is enabled for the Oracle metadata source. Similarly, you cannot set up the Metadata Manager repository on an Oracle database when secure communication is enabled. (370702)</p> <p>Oracle SR number: 3-8287328531</p>
PLAT-13951	<p>You cannot configure an Oracle 12c database for Kerberos authentication. (393899)</p> <p>Oracle SR number: 3-8990776511</p>
PLAT-13556	<p>If a Teradata target contains a column of the CHAR or VARCHAR data type at the fifth position, the Data Integration Service writes NULL values to the column. This issue occurs when you use an ODBC connection to write data. (439606)</p> <p>DataDirect case reference number: 00324380</p>
OCON-847	<p>When you import data from an Oracle database through Sqoop and the database contains a column of the Clob data type, the mapping fails. (457560)</p> <p>Sqoop ticket reference number: SQOOP-2945</p>
OCON-6698	<p>When you run a Sqoop mapping on the Blaze engine to export data from Teradata to Oracle, float values are corrupted. This issue occurs when all the following conditions are true:</p> <ol style="list-style-type: none"> 1. You use a Teradata JDBC driver or the Sqoop Cloudera Connector Powered by Teradata. 2. You run the mapping on a Cloudera 5.8 cluster. <p>Cloudera support ticket number: 113716</p>
OCON-618	<p>When you use an ODBC connection to write data to a Teradata client version 15.10.0.1, the Data Integration Service rejects data of the numeric data type. (442760)</p> <p>Teradata ticket reference number: RECGNXLML</p>
OCON-6143	<p>When you run a Sqoop mapping on the Blaze engine to import data from or export data to Teradata and override the owner name at run time, the Sqoop program does not honor the owner name. This issue occurs when all the following conditions are true:</p> <ol style="list-style-type: none"> 1. You use a Teradata JDBC driver or the Sqoop Cloudera Connector Powered by Teradata. 2. You run the mapping on a Cloudera 5.8 cluster or Hortonworks 2.5 cluster. <p>Workaround: Enter the owner name in the JDBC connection string.</p> <p>Cloudera support ticket number: 117697</p>
OCON-5769	<p>If you did not specify a precision value when you create the table in Teradata, and you use the JDBC connection to import the Number data type from Teradata, the Developer Tool imports the Number data type metadata with an incorrect precision value.</p>
OCON-568	<p>When you use a JDBC connection in the Developer Tool to import a Netezza source object that contains the time data type, the data preview fails. (459901)</p>

Bug	Description
OCON-2847	<p>Loading a Microsoft SQL Server resource fails when TLS encryption is enabled for the source database and the Metadata Manager repository is a Microsoft SQL Server database with TLS encryption enabled. (452471)</p> <p>Data Direct case number: 00343832</p>
OCON-1081	<p>When you use the Teradata ODBC driver and write Unicode data to a Teradata database, the mapping might fail when the Teradata target contains Varchar columns. The mapping fails because of a DataDirect Driver Manager issue. (458899)</p> <p>DataDirect reference number: 00343606</p>
IDE-1677	<p>When you run a data domain discovery profile with multiple data domains on MapR 4.0.2 Yarn or MapR 4.0.2 classic Hadoop distribution files, profile run fails. (448529)</p>
BDM-4443	<p>The Sqoop program does not honor the --num-mappers argument and -m argument when you export data and run the mapping on the Blaze engine.</p> <p>Sqoop JIRA issue number: SQOOP-2837</p>
BDM-4428	<p>Sqoop mappings randomly fail on the Blaze engine if you import clob data from Oracle.</p> <p>Sqoop JIRA issue number: SQOOP-2945</p>
BDM-4291	<p>When you run a mapping with a bucketed Hive target on the Spark engine, the mapping ignores the bucketing information of the Hive table and writes data to a single bucket.</p>
BDM-3955	<p>Sqoop mappings fail on the Blaze engine if you use a custom query with the Order By clause to import data.</p> <p>Sqoop JIRA issue number: SQOOP-3064</p>
BDM-3903	<p>When you run a Sqoop mapping on the Blaze engine to export byte and varbyte data to Teradata, the Sqoop program does not insert null rows into the target.</p> <p>SDC JIRA issue number: SDC-2612</p>
BDM-3577	<p>When you run a Sqoop mapping to import data from or export data to Microsoft SQL Server databases that are hosted on Azure, the mapping fails.</p> <p>Sqoop JIRA issue number: SQOOP-2349</p>
BDM-3476	<p>When you run a Sqoop mapping on the Blaze engine to export time or timestamp data with nanoseconds, the Sqoop program writes only the first three digits to the target.</p> <p>Cloudera support ticket number: 113718</p>
BDM-3276	<p>Sqoop mappings fail on the Blaze engine if you use the Sqoop Cloudera Connector Powered by Teradata and set the output method to <code>internal.fastload</code>.</p> <p>Cloudera support ticket number: 117571</p>
BDM-2219	<p>When you use authorization through user impersonation on a MapR cluster, the mapping fails with an error like:</p> <pre>User <username>(user id <userid>) does not have access to maprfs:///<path>/<filename></pre> <p>MapR issue reference number: 00037816 (459539)</p>

Bug	Description
BDM-1992	<p>If you set the Operating System Profile and Impersonation to true for the Data Integration Service and the Available Operating System Profile to OSP1 in the Developer client, and run a Teradata mapping in native mode, the mapping fails.</p> <p>Workaround: Set the Operating System Profile and Impersonation in the Data Integration Service to false and then run the mapping. (458500)</p> <p>Teradata case number: RECGV4J3Q</p>
BDM-1262	<p>When you run a Sqoop mapping on the Blaze engine to export Teradata float data, the data is truncated after the decimal point.</p> <p>Cloudera support ticket number: 113716</p>

Transformations Known Limitations

The following table describes known limitations:

Bug	Description
BDM-4087	Performance is slow when a mapping that is running on the Blaze engine has pipeline branches that meet in a Joiner transformation and a map-side join occurs based on an estimate of the data volume.
BDM-3377	A dynamic mapping fails when it contains a lookup condition that contains a less-than operator (<) or a less-than-or-equal to (<=) operator. The mapping fails with the following error: The lookup condition in the Lookup transformation [transformation name] is not valid because of the following error: [The lookup port [port name] does not exist.].
PLAT-9879	When a REST web service contains an Exception transformation, the web service returns a fault message. A database error occurs when the Exception transformation writes to two relational targets in the resource mapping.
PLAT-14695	You cannot copy fields to the Ports view of a REST Web Service Consumer transformation. Workaround: Manually add the ports to the REST Web Service Consumer transformation. (430163)
PLAT-14795	When you use the ABORT() function in an Expression transformation, the Data Integration Service does not process the Expression transformation. Workaround: Change the default value of the output port to 0 and run the mapping again. (395353)
PLAT-14790	When the Data Integration Service performs a cached lookup and an uncached lookup on Microsoft SQL Server Uniqueidentifier data types, it does not return the same number of rows. (387899)
PLAT-14817	When adding custom ports, non-reusable REST transformation incorrectly appends new custom ports to deleted custom ports. Workaround: Re-create the transformation. (407604)
IDQ-2392	The Key Generator transformation cannot generate unique sequence ID values in a Hadoop environment. (356755)

CHAPTER 4

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>.