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This document contains important information about restricted functionality, known limitations, and bug fixes for Informatica 10.2.

Installation and Upgrade

Support Changes

This section describes support changes in version 10.2.

Big Data Management Hadoop Distributions

The following table lists the supported Hadoop distribution versions and changes in Big Data Management 10.2:

Hadoop Distribution	Supported Distribution Versions	10.2 Changes
Amazon EMR	5.4 5.8	Dropped support for version 5.0. Added support for version 5.8. Note: To use Amazon EMR 5.8 with Big Data Management 10.2, you must apply Emergency Bug Fix 10571. See Knowledge Base article KB 525399 .
Azure HDInsight	3.5.x 3.6.x	Added support for version 3.6.
Cloudera CDH	5.9.x 5.10.x 5.11.x 5.12.x 5.13.x	Added support for versions 5.12, 5.13 Dropped support for version 5.8.
Hortonworks HDP	2.4x 2.5x 2.6x	Dropped support for version 2.3. Note: To use Hortonworks 2.4 or 2.5 with Big Data Management 10.2, you must apply Emergency Bug Fix patches. See the following Knowledge Base articles: - Hortonworks 2.4 support: KB 521845 . - Hortonworks 2.5 support: KB 521847 .
IBM BigInsights	4.2.x	No change.
MapR	5.2 MEP 2.0.x 5.2 MEP 3.0.x	Added support for versions 5.2 MEP 2.0 and 5.2 MEP 3.0. Dropped support for version 5.2 MEP 1.0.

Informatica big data products support a variety of Hadoop distributions. In each release, Informatica adds, defers, and drops support for Hadoop distribution versions. Informatica might reinstate support for deferred versions in a future release.

To see a list of the latest supported versions, see the Product Availability Matrix on the Informatica network: <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Enterprise Information Catalog Hadoop Distributions

The following table lists the supported Hadoop distribution versions and changes in Enterprise Information Catalog 10.2:

Distribution	Supported Versions	10.2 Changes
Azure HDInsight	Not applicable	Added support for version 3.6.
Cloudera CDH	- 5.8.x - 5.9.x - 5.10.x - 5.11.x	- 5.11.x - 5.12
Hortonworks HDP	- 2.5.x - 2.6.x	- 2.5.x Kerberos version. - 2.6.x Non Kerberos version. Dropped support for version 2.3
IBM BigInsights	4.2 .x	No change.

To see a list of the latest supported versions, see the Product Availability Matrix on the Informatica network: <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Intelligent Data Lake Hadoop Distributions

The following table lists the supported Hadoop distribution versions and changes in Intelligent Data Lake 10.2:

Distribution	Supported Versions	10.2 Changes
Amazon EMR	5.4	Added support for version 5.4. Dropped support for version 5.0.
Azure HDInsight	3.6	Added support for version 3.6. Dropped support for version 3.5.
Cloudera CDH	5.10 5.11 5.12	Added support for version 5.10 and 5.12. Dropped support for version 5.8. Deferred support for version 5.9.
Hortonworks HDP	2.6	Dropped support for version 2.3. Deferred support for versions 2.4 and 2.5.
IBM BigInsights	4.2	No change.
MapR	5.2 MEP 2.0	Added support for version 5.2 MEP 2.0.

To see a list of the latest supported versions, see the Product Availability Matrix on the Informatica network: <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Intelligent Streaming Hadoop Distributions

The following table lists the supported Hadoop distribution versions and changes in Intelligent Streaming 10.2:

Distribution	Supported Versions	Changes Since 10.1.1 HotFix1
Amazon EMR	5.4 5.8	Added support for 5..8.
Cloudera CDH	5.10.x 5.11.x 5.12.x 5.13.x	Added support for 5.13. Dropped support for versions 5.8. Deferred support for versions 5.9.
Hortonworks HDP	2.5.x 2.6.x	Dropped support for versions 2.3. Deferred support for versions 2.4.
MapR	5.2 MEP 2.0	Added support for version 5.2 MEP 2.0.

Supported Tools and Policy Files

- Effective in version 10.1, Informatica ships the Java Cryptography Extension (JCE) files.
PLAT-14519
- Effective in version 10.2, Informatica ships the VisualVM and jstack tools.
PLAT-17137

Domain Configuration Repository

When you install or upgrade on Windows and enter the custom JDBC string without appending ";" after the LoadLibraryPath, the installer hangs.

PLAT-16326

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)

Running the Pre-Installation System Check Tool (i10pi)

- When you run the pre-installation system check tool (i10Pi) on Windows Server 2012 R2 and the operating system input language is set to German, the system check fails with an error.
PLAT-17421
- The pre-installation system check tool (i10pi) does not check for the virtual memory limits.
PLAT-15728

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)

Upgrading from Version 9.6.1

Effective in version 10.0, Big Data Management requires a Hadoop connection to run mappings in the Hadoop environment. You cannot use a Hive connection to push processing to the Hadoop environment.

When you upgrade from version 9.6.1 or a 9.6.1 hotfix, the upgrade process performs a partial upgrade of the connections. It renames the Hive *connection name* with a prefix of "AutoGen_." After you upgrade the domain, you need to complete the connection upgrade by generating a Hadoop connection from the Hive connection. The `infacmd generateHadoopConnectionFromHiveConnection` command generates a connection based on the *connection ID*.

If the Model repository has any connection with a *connection ID* that begins with "AutoGen_," contact Informatica Global Customer support before you upgrade the domain. (Reference BDM-10330)

Third-Party Library Fixed Vulnerabilities

Informatica upgraded several third-party libraries to more recent versions.

Version 10.2 is not vulnerable to the following CVEs:

Library	Folder	Vulnerability	Version in 10.2
apache commons beanutils	server/bin/javaliib/505100	CVE-2014-0114	1.9.3
apache commons fileupload	source/services/shared/jars/thirdparty	CVE-2016-3092	1.3.2
apache commons collections	source/services/wsh.war/WEB-INF/lib	CVE-2015-6420	3.2.2

Library	Folder	Vulnerability	Version in 10.2
apache commons codec	DataTransformation/bin/HIPAAValidation/8.3.0/lib/	n/a	1.10
apache commons fileupload	DataTransformation/bin/HIPAAValidation/8.3.0/lib/	CVE-2014-0050 CVE-2013-0248	1.3.2
apache tomcat	DataTransformation/bin/HIPAAValidation/8.3.0/lib/	Upgrade resolved many vulnerabilities related to tomcat.	6.0.48
apache xalan	DataTransformation/bin/HIPAAValidation/8.3.0/lib/	CVE-2014-0107	2.7.2
apache commons fileupload	source/services/MetadataManagerService/utilities/mmcmd/lib/ source/services/MetadataManagerService/utilities/mmrepocmd/lib/	CVE-2016-3092	1.3.2
msvc*.dll	source/services/MetadataManagerService/mmagentapps/mmagent/bin	Upgrade resolved many vulnerabilities related to .NET framework.	msvc120.dll
msvcr*.dll	source/services/MetadataManagerService/mmagentapps/mmagent/bin	Upgrade resolved many vulnerabilities related to .NET framework.	msvcr120.dll

10.2 Fixed Limitations and Closed Enhancements

Administrator Tool Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-17238	JSF logs show concurrent usage exception even though the proxy connection is disconnected.
PLAT-17014	The stack trace zip file is not available in the log collection directory on the Log Aggregator tab of the Administrator tool.
PLAT-16109	The node failover is delayed on master gateway node due to invalid heartbeat timeout value.
PLAT-14292	The Administrator tool is occasionally unresponsive.
PLAT-11193	Communication layer JSF logs display an incorrect error message when serialization fails.

Analyst Tool Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
SS-38	The Search Service does not display the search results.
SS-28	When you run <code>infacmd.sh ListServiceOptions</code> command, it displays the password in plain text.
SS-25	The Search Service log lists fatal error messages without details.
PLAT-17697	The maximum heap memory increases in Search Service due to a memory leak resulting in low system memory.
PLAT-17647	When you try to create a fixed-width flat file data object, an internal error occurs.
PLAT-16693	When you try to open the mapping specification for a custom data object created for a relational source, an internal error occurs.
PLAT-16428	When you log out from the Analyst tool in a release 10.1.1 domain configured to use Kerberos authentication, the Analyst tool incorrectly indicates that you are using release 9.6.1.
PLAT-16270	You cannot set the maximum precision value of the return data type to 38 when adding rules to a mapping specification, even though you can set the precision value to 38 in the Developer tool.
PLAT-16045	When you view relationships for a business term with a large number of related terms, the Relationships View tab might become unresponsive.
PLAT-16012	The following mapping specification errors occur in the Analyst tool: - After you modify a mapping specification data object, you cannot open the mapping specification because of the following error: <code>"IMF_1026 : [IMF_1026] Any getter or setter method cannot be accessed on a proxy object."</code> - After you synchronize a mapping specification source data object, you cannot map new columns to a target in the mapping specification.
PLAT-15875	When you try to edit a glossary in the Library workspace, the Analyst tool displays the following error: <code>"The asset is currently open for editing by the user, "Administrator". You cannot edit the asset properties until the user saves the changes."</code>
PLAT-15596	You must click the Edit button multiple times to open the Edit Connection dialog box.
PLAT-14516	The Analyst tool displays a maximum of 60 assets in a project, even when the project contains more than 60 assets.
PLAT-13434	The Analyst tool displays the following generic message for a number of errors, instead of displaying a more appropriate error message: <code>"An error occurred on the server with the following timestamp... Check the analyst service logs".</code>

Bug	Description
PLAT-13433	The information in the Analyst Service logs that appear in the Administrator tool and the information written to the analyst.log file is not consistent.
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)

The following table describes closed enhancement requests:

Bug	Description
PLAT-13435	Error messages for unknown errors that occur in the Analyst tool contain a link to the Log Aggregator view of the Logs tab in the Administrator tool.

Application Services Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-18192	The Model Repository Service upgrade from version 9.6.1 to version 10.1.1 HotFix 1 fails when the Model repository has logical data objects that contain deleted mappings or objects.
PLAT-18116	A Data Transport Error error appears when you run the scorecards in version 10.1.
PLAT-17986	When you recycle the Data Integration Service, all logical data objects that are enabled for caching are cached again, even if the cache from the previous run is still available.
PLAT-16944	Some Data Integration Service threads use the default naming convention instead of a descriptive name.
PLAT-16542	After you upgrade the Model Repository Service from version 9.5.1 HotFix 4 to version 10.1, when you create a schedule for profile run or scorecard run, the schedule wizard does not display the profile names or scorecard names in the Model repository.
PLAT-16188	In the Administrator tool, the running Data Integration Service jobs do not appear on the Monitoring tab when the monitoring Model Repository Service has restarted or is not available.
PLAT-16154	Sometimes, the content upgrade for Model Repository Service fails when you upgrade from version 9.6.1 HotFix 3 to version 10.1.1.
PLAT-15910	Sometimes, the infacmd isp purgeMonitoringData command does not purge all the tables in the Model repository.
PLAT-14508	The Model Repository Service upgrade fails with the error Any getter or setter method cannot be accessed on a proxy object if any mapping in the Model repository contains deleted objects.
PLAT-14202	After you create and assign a monitoring Model repository, you cannot disable or remove the associated Model Repository Service in the Administrator tool.

Bug	Description
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) (441281)</pre>
MRS-1344	After you upgrade the Model Repository Service from version 9.6.1 HotFix 3 to version 10.1.1 HotFix 1, you cannot use backup or restore operations.
MRS-1340	The login session for the Model repository is valid only for half an hour and you are logged off even when the session is active.
MRS-1333	In the Developer tool, the Assign Tags for Object dialog box takes more than 90 seconds to appear when you open a mapping in the editor and click Edit in the Tags view.
MRS-1289	When you upgrade the Model Repository Service from version 9.6.1 HotFix 1 to version 10.1, the upgrade takes more than 3 hours to complete.
MRS-1282	When you run the infacmd mrs PopulateVCS command, synchronization fails if the Subversion version control system repository contains subfolders.
MRS-1266	When you upgrade from version 9.6.1 to version 10.0, the Model Repository Service upgrade shuts down unexpectedly during Model repository content upgrade.
MRS-1235	Sometimes, when you upgrade from version 9.6.1 HotFix 2 to version 10.1, the StackOverflowError error appears during Model repository contents upgrade.
MRS-1225	A syntax error appears when you run the infacmd xrf generateReadableViewXML command in version 10.1.
MRS-1223	Unable to import a mapping that exceeds 255 characters into the Model repository when the repository is IBM DB2 database.
MRS-1194	Sometimes, the error SQL command not properly ended appears when you restore the Model Repository Service.
MRS-1191	When you configure the Model Repository Service for version control, the error unknown protocol: svn appears if the Subversion version control system is in daemon mode.

Big Data Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-17656	After being upgraded from 9.5.1 to 10.1.1x, a mapping fails with an error indicating an invalid symbol reference.
PLAT-17310	The Data Integration Service cannot load and run deployed applications when the MRS unsuccessfully fails over when the DIS on a grid fails over.
PLAT-17036	After being upgraded from 9.6.1 to 10.1.1, a mapping fails when high precision is enabled.
PLAT-16902	Applications deployed to a grid take a long time to load.
PLAT-16798	Mappings, applications or workflows generate a high number of threads when deployed to the Data Integration Service, and the deployment process fails to complete.
PLAT-16432	The mapping execution process generates extraneous .data and .bin files in the temp directory of the Data Integration Service.
PLAT-16118	A mapping with two relational physical data object targets and a parameterized connection property uses the connection configured in the target object instead of the connection configured in the parameter.
PLAT-16114	After being upgraded from 9.6x to 10.1x, a mapping opens in an unsaved state, and the user cannot edit the connection that is associated with the target transaction.
PLAT-16074	Copying a port from a physical data object to customized data object output ports caused mapping transformations to be not valid.
PLAT-14325	You cannot run a mapping in the native environment when the following conditions are true: - You select a native validation environment and a Hive or Blaze validation environment for the mapping. - The mapping contains a Match transformation.
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.
OCON-9414	If you run a Sqoop mapping on the Hive engine, the mapping parameters that you add in the Additional Sqoop Import Arguments field or Additional Sqoop Export Arguments field do not work.
OCON-7557	If you configure Sqoop to import Oracle data of the Number data type, the Developer tool imports the data with the precision and scale as 0. After you import the data, you cannot edit the scale.
OCON-7073	When you run a Sqoop mapping on a Cloudera cluster that uses Kerberos authentication, you must manually configure mapreduce properties in the <code>yarn-site.xml</code> file on the Data Integration Service node and restart the Data Integration Service. To run the mapping on the Blaze engine, you must restart the Grid Manager and Blaze Job Monitor.
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-605	When you use Sqoop to import data from an Aurora database by using the MariaDB JDBC driver, the mapping stops responding. (456704)

Bug	Description
OCON-1216	When you use Sqoop and the first mapper task fails, the subsequent mapper tasks fail with the following error message: <code>File already exists (456884)</code>
IDE-2407	Column profile run fails when the following conditions are true: 1. The profiling warehouse repository is on Microsoft SQL Server and you enable the Use DSN option to use the DSN configured in the Microsoft ODBC Administrator as the connect string. 2. You create a column profile with data domain discovery and choose the sampling option as Random sample or Random sample (auto), or you create a column profile to perform only data domain discovery. 3. You run the profile on the Blaze engine in the Hadoop run-time environment set up on an Azure HDInsight cluster.
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: - 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.
BDM-9571	Sqoop mappings that contain a Java transformation fail on the Hive engine.
BDM-9490	The job log for a mapping or profile job being run in the Hadoop mode of execution does not contain the Hadoop job ID when the tracing level is set to NONE.
BDM-9468	Connection reset errors might occur when you run mappings in a Kerberos-enabled domain if login requests from the Data Integration Service overload the Kerberos Key Distribution Center (KDC).
BDM-9318	The Blaze engine does not honor the Start import at line property for Hive targets.
BDM-9266	Mappings using an HBase connection and the Spark run-time engine fail on a Cloudera 5.11 cluster with Kerberos authentication enabled.
BDM-9260	Mapping execution fails on the Blaze engine when you define a parameterized DDL query for a Hive target.
BDM-9220	Mappings fail when they use the Spark engine to run on a Hortonworks 2.5 SUSE cluster where Transparent Encryption is enabled on HDFS and the Hive warehouse directory specified in the Hadoop connection is in an encrypted zone.
BDM-9172	When you run a mapping that processes more than 1 GB of data on an HDInsight cluster, the Blaze engine duplicates the number of rows in the target.
BDM-9151	When you run a workflow on the Spark engine, the Summary Statistics view displays an incorrect row count for mapping tasks.
BDM-9117	The container ID in the Blaze Grid Manager log does not identify the specific Blaze component assigned for that container.
BDM-8894	If a Lookup object uses an ODBC or JDBC connection and the lookup condition contains a mapping parameter, the mappings fails on the Hive engine.
BDM-8806	A mapping fails on the Blaze engine if it contains a filter condition or Filter transformation on a parameterized string source.

Bug	Description
BDM-8596	Java transformation performance on the Spark engine is slow.
BDM-7230	The Spark mapping fails when the argument for the functions LTRIM and RTRIM is an empty string or a NULL value.
BDM-7126	Mappings that run on the Spark engine fail if you change the operating system profile user or the impersonation user.
BDM-6840	A mapping executed with the Blaze engine writes an inaccurate row count to the target. The row count includes rejected rows.
BDM-6804	After a mapping is upgraded from 9.6x to 10.1x, the data type is incorrect for date format columns, and the mapping fails.
BDM-6694	When the Blaze engine reads from a compressed Hive table with text format, the mapping fails if the TBLPROPERTIES clause is not set for the Hive table.
BDM-6590	Results are corrupted and inconsistent with native mode results when a mapping runs in Hive mode.
BDM-5465	Mappings that read from or write to partitioned or bucketed Hive sources and targets on Amazon S3 take longer to execute than expected.
BDM-5245	The Big Data Management log collector does not display a Spark job execution log.
BDM-5079	A mapping with a filter condition and an Oracle source that uses RAPartitioning produced incorrect results.
BDM-4795	The execution parameter dialog box for editing mapping runtime properties does not open.
BDM-4652	If you do not configure the Spark HDFS staging directory in a Hadoop connection, Sqoop mappings fail on the Spark engine with a null pointer exception.
BDM-4509	Hive mappings with a Lookup transformation fail when the Hive tables on the cluster have encrypted zones.
BDM-4508	When you run a pass-through mapping on the Spark engine, the mapping fails with an error message about access to the default Hive warehouse directory.
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.
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.

Bug	Description
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: - Apache Ranger KMS is not configured correctly on a Hortonworks HDP cluster. - 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-3886	Executing a mapping on the Hadoop cluster in Hive mode with a filter expression like <code>A=NULL or B=C</code> fails with a ClassCast exception.
BDM-3744	When a Hadoop cluster is restarted without stopping the components of the Blaze engine, stale Blaze processes remain on the cluster.
BDM-3544	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.
BDM-3416	When you run a mapping on a cluster where Ranger KMS authorization is configured, the mapping fails with an "UndeclaredThrowableException" error.
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-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-10301	When you run a mapping on the Blaze engine that reads from a Hive partition that contains Parquet metadata files, the mapping fails.
BDM-10205	When you set a relational source as distinct and change the source to use a SQL override, the Data Integration Service reads NULL values instead of the source data.

Command Line Programs Fixed Limitations (10.2)

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

The following table describes known limitations:

Bug	Description
PLAT-14374	Infacmd oie ExportObjects and oie ImportObjects commands sometimes fail and return the error as NULL instead of a descriptive message or stack trace.

Data Types Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-17841	The mapping fails when the SQL query override has decimal 38 column specified and high precision mode is enabled.
PLAT-17685	When you import a flat file with high precision in the Developer tool or the Analyst tool, the data is rounded using a scale of 16. If the data has a scale greater than 16, it is rounded using a scale of 16 and the remaining scale is 0.
PLAT-14571	When an unconnected Lookup transformation contains an SQL query override for the Decimal port with a precision of 38 digits, the Data Integration Service incorrectly converts the decimal value.

Developer Tool Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-18475	After you back up a domain and restore it, the Informatica Services do not start up.
PLAT-18039	You cannot preview the data for a transformation when the following conditions are true for a mapping: - A pipeline splits at a single group and rejoins at a single group. - The filter condition in a Filter transformation after the pipeline returns FALSE, filtering all the data from the pipeline.
PLAT-17853	A logical error in metadata synchronization might occur when you open a project in the Developer tool. The error might not load transformations and maplets properly. It might also cause maplets to show errors for certain ports and no longer be connected to other transformations in the workflow. If the logical error occurs and the user tries to import certain exported metadata into the Developer tool, the Developer tool displays a message that an unknown error has occurred to avoid exacerbating the issue.
PLAT-17705	When you import metadata from an IBM DB2 z/OS source, the Developer tool displays the schema name as default instead of the schema name associated with the user. The Developer tool also duplicates columns that are present in multiple schemas.
PLAT-17650	If you use the DB2 JDBC drivers to read data from IBM DB2 z/OS databases, data preview fails.
PLAT-17640	When you generate a mapping from an SQL query and edit the filter condition in the logical data object read mapping, data preview of Read transformation fails with the following error: [LDTM_0042] The mapping cannot be validated because of the following errors: [The connection for data object [object name] cannot be empty.
PLAT-16137	When you install Developer tool on Windows, some JAR files are not installed.
PLAT-15579	When you import an object from an XML file into the Developer tool, a message is not written to the Developer tool log file.
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)

Bug	Description
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)
OCON-9885	If you configure ODBC on Windows to connect to a Microsoft SQL Server database, mappings terminate randomly.
OCON-9300	Dynamic mappings fail intermittently with the following error message: [com.informatica.sdk.dtm.InvalidMappingException] Exception Message: [[LDTMEXP_0029] Failed to process mapping because of following reason [null]].].
OCON-9121	If you enable high precision, set NLS_LANG to a non-English locale on the machine that runs the Informatica services, and read decimal data from an Oracle source, a data overflow or conversion error occurs.
OCON-10019	If the database service goes down when you run a mapping to write large volumes of data to a Microsoft SQL Server database, the mapping stops responding.
IDQ-2741	Copy and paste operations on a reference table object might fail.
BDM-6790	Export to PowerCenter fails because an Oracle target contains fields of the String data type instead of the Varchar data type.

Enterprise Information Catalog Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
LDM-4814	A Hive resource JDBC URL has a limit of 200 characters.
LDM-3879	When the Informatica Cluster Service and Apache Ambari Server are running on the same machine and are configured to run on the same port, the Informatica Cluster Service starts without any issues. There are no validation checks to verify if the port is configured for multiple services.
LDM-3868	The \$INFA_HOME/services/InfahadoopService/Binaries/ResetScript.sh accepts any number of arguments and does not check for the validity of the arguments.
LDM-3864	An Oracle resource fails if the database includes similar names for the table and synonym columns.
LDM-3656	The Informatica Cluster Service and the Catalog Service must not start if Informatica Cluster Service keystore validation fails.
LDM-3248	Hive resource fails without any relevant log messages or warning messages when there is no free disk space in the / mount.
LDM-2989	An Oracle resource fails with a null-pointer exception.

Bug	Description
LDM-2702	Access to Apache Solr content in the catalog must be restricted to users with appropriate privileges on the Catalog Service.
LDM-2701	Access to HBase content in the catalog must be restricted to users with appropriate privileges on the Catalog Service.

The following table describes closed enhancement requests:

Bug	Description
LDM-4961	You can specify sampling options to run profiling on a specific number of rows when you configure a Salesforce resource.

Exception Management Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
IDQ-5550	You cannot create the exception management audit tables on the command line when transport layer security is enabled on the domain.

Informatica Data Quality Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-18497	If you use the Informatica Software Development Kit to run a data quality mapping with Informatica MDM Cloud Customer 360, the mapping fails in the following circumstances: - The mapping writes a message that exceeds 510 characters in length.

Intelligent Data Lake Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
IDL-4204	After upgrading to the Intelligent Data Lake 10.1.1 HF1 version or applying the Intelligent Data Lake 10.1.1 HF1 HotFix, the project search operation does not fetch any results.
IDL-2333	The Intelligent Data Lake Service tests the Hive connection as an anonymous user instead of with the user details specified in the Hive connection.

Intelligent Streaming Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
IIS-376	When you use Sqoop to perform a lookup in a streaming mapping, the mapping runs successfully but the following exception occurs in the cluster logs: <code>SEVERE: Error loading factory org.apache.calcite.jdbc.CalciteJdbc41Factory java.lang.NoClassDefFoundError:</code>

Mappings and Workflows Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-18498	When you run a mapping that contains a logical data object and a Lookup transformation, the mapping terminates unexpectedly on AIX.
PLAT-18386	A mapping that contains a Match transformation fails in a workflow if a Match transformation strategy specifies a mapplet that contains a Lookup transformation.
PLAT-16529	If the Data Integration Service is enabled to use operating system profiles, the mapping name does not appear in the name of mapping log files.
MWF-1443	The Data Integration Service cannot reopen a network connection to the workflow database when the network connections are closed.
MWF-1271	The workflow engine might fail to start because of an internal exception error.
MWF-1261	The default name of a link between an Exclusive gateway and a Command task in a workflow contains a period in a Japanese locale.
MWF-1091	You might experience problems when you try to import or export a workflow object from one project to another project in the Model repository.
MWF-857	If the Data Integration Service restarts while multiple workflows are running, the workflow engine can take many minutes to start.

Bug	Description
MWF-763	If you run infacmd dis UpdateParameterSetEntries to update a complex parameter in a parameter set that a Mapping task uses, the task fails when you run the workflow that contains the task. The complex parameters are Expression, Input Link Set, Port, Port List, Resource, and Sort List.
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-585	You cannot create the workflow database contents if the STRICT_READ_PERMISSION_OVERWRITE custom property is set in the domain.
BDM-2747	When an expression uses TO_CHAR with a port selector that is configured to a date/time data type, the Data Integration Service incorrectly validates the mapping.

Metadata Manager Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
MM-3209	In the lineage, there are no links between view and dependent tables for a Teradata resource if you have comments in the view definitions.
MM-3199	Metadata Manager cannot extract metadata for a Microsoft SQL Server resource that contains a schema name with a back slash (\) character.
MM-3054	Linking fails when you schedule a resource load in the Kerberos environment.
MM-3048	Sometimes, the resource load fails with the error ORA-01461: can bind a LONG value only for insert into a LONG column when the Metadata Manager warehouse uses Oracle database.
MM-2982	Metadata manager fails to load a Microsoft Analysis and Reporting Services resource during XML Metadata Interchange (XMI) parsing for some reports.
MM-2979	Netezza resource load fails because the session S_M_ALLDB_VIEWPROCFN_DEPS_EXTRACT_NETEZZA shuts down abruptly.
MM-2976	Cannot extract metadata from Sparx Enterprise Architect if you use the Universal Connectivity Framework.
MM-2929	Sometimes, the Metadata Manager repository contents are not restored when you run the mmRepoCmd command.
MM-2914	An error appears when you run the purgeMetadata command for large volumes of data in the Metadata Manager repository.
MM-2887	When you create a PowerCenter resource with multiple parameter files, the content of the uploaded parameter files might be incorrect.
MM-2785	Metadata Manager does not replace the parameters for flat file names and flat file path with actual values when you load a PowerCenter resource.

Bug	Description
MM-2777	The migrateBGLinks task fails in the Kerberos environment during business glossary resource load.
MM-2714	When you create an URL for a custom resource and the custom resource has an attribute with LongString data type, then the character & in the URL is converted to &.
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.
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-2679	Sometimes, when you create links between resources, the error Invalid value of Tx Counter appears.
MM-2332	Sometimes, the Teradata resource load fails with the stringIndexOutOfBounds exception.
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.
MM-2221	When you import a scheduler after you change the scheduler name in the resource configuration file, the scheduler name remains unchanged in the Schedule tab.
MM-1848	Loading certain resources fails randomly with the following error in the mm.log file: <pre>LoaderThread] ERROR TaskHandler - An error occurred in LineageGraphInternalLinksCreationTaskHandler: com.orienttechnologies.orient.core.exception.ODatabaseException: Error on saving record #<number></pre> 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-1770	When you choose a business term in the Glossary view on the Browse tab, the corresponding business glossary name does not appear in the Glossary drop down list.
EMIG-5199	Sometimes, Metadata Manager cannot display the associated object after you click the Metadata Manager asset link for a business term in the Analyst tool.
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)

PowerCenter Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-17565	When you configure the web service DTM Keep Alive Time property for the Data Integration Service, the Web Services Provider fails with an error for all subsequent requests after the first request.
PLAT-16765	When you add or remove a user from LDAP, the Repository Service does not update or sync privileges.
PLAT-16265	When you run the <code>infacmd ipc genReuseReportFromPC</code> command for a large repository, the request hangs.
OCON-9993	Sessions that call an unconnected Stored Procedure transformation from an Expression transformation take a long time to complete.
OCON-9851	If you configure ODBC on Windows to connect to a Microsoft SQL Server database, sessions terminate randomly.
OCON-9757	If you set the commit type to target for a session that writes data to Microsoft SQL Server in bulk mode, the session rejects all the records even if the source contains only one bad record.
OCON-9692	Oracle sessions that contain a Lookup transformation with an uncached lookup generate the SELECT statement with double quotes and fail.
OCON-9104	Sessions that truncate an IBM DB2 target table take a long time to complete.
OCON-7693	Microsoft SQL Server sessions fail with an invalid cursor state error if all of the following conditions are true: - The session uses an SQL query override that contains an IF condition that does not return any data. - The Microsoft SQL Server connection uses the ODBC provider type.
OCON-42	On Linux, the performance of a Netezza session enabled for partition decreases when you increase the number of partitions.
OCON-10164	The mapping hangs if you use an SQL transformation in AIX and enable high precision.
CORE-62	When the number of cores on the system are higher than the partitions, the session intermittently fails with the threading issue.
CORE-5778	When the objects are not checked out, you cannot view the connection details in the session properties.
CORE-5648	When the mapping has Stored Procedure transformations, the memory consumption by the pmdtm process exceeds in 10.1.1.
CORE-5348	Sessions that use a Teradata relational connection and truncate the Teradata target table fail with the following error message: <pre>[ERROR] [Teradata][ODBC Teradata Driver][Teradata Database] The UserId, Password or Account is invalid.</pre>
CORE-4946	The sender of on Success or Failure email cannot be overwritten with the \$user environment variable in SUSE 11.

Bug	Description
CORE-4170	A Command task with a multi-line script generates ^M characters that causes the script to fail.
CORE-120	The deployment group takes a long time to close in the Repository Manager.

The following table describes closed enhancement requests:

Bug	Description
CORE-5324	Column validation for a source flat file is enabled.

Profiles and Scorecards Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
OCON-9099	Incorrect profile results appear when you run a column profile on a mapping that has a Router transformation followed by a SQL transformation in the workflow.
IDE-2820	When you use the infacmd ps Execute command to run a scorecard, the email notification sends an incorrect scorecard link to the email recipients.
IDE-2742	Error appears in the Developer tool when the following conditions are true: 1. You create a customized data object on a semi-structured data object. 2. You use parameters in the file path. 3. You create a column profile on the data object. 4. You run the profile.
IDE-2710	A column profile runs indefinitely when you create the column profile on a logical data object that uses Sorter transformation.
IDE-2670	Multiple identical queries are issued to the data source which might create a database resources constraint when the following conditions are true: 1. You create a customized data object that uses a custom SQL query on a data source. 2. You create a column profile on the customized data object. 3. You run the column profile. 4. Profile run is successful.
IDE-2618	Profile run fails intermittently and Data Transformation Manager shuts down when the following conditions are true: 1. You create a logical data object on a flat file data source. The logical data object has Sorter or Joiner transformation. 2. You create and run a column profile on the logical data object.
IDE-2611	Exception appears in the Developer tool when the following conditions are true: 1. You create a column profile on a logical data object. 2. You add a rule that contains more than 120 input columns. 3. You run the profile.

Bug	Description
IDE-2445	The Model Repository Service upgrade fails when the Model repository contains profiles that run on the Hive engine and no Hive connection is available during upgrade.
IDE-2412	Sometimes, when you add rules to a column profile on a logical data object, the profile might get corrupted or you might not be able to view the rules in the profile results.
IDE-1046	A validation error appears when you replace the data source for a column profile with a similar table that has the same structure but uses a different text case for the columns.

The following table describes closed enhancement requests:

Bug	Description
IDE-2608	In the Analyst tool, when you modify a column name in the reusable rule, you cannot view the rule in the profile results.
IDE-2368	In the Analyst tool, a column profile runs indefinitely when the following conditions are true: 1. You install Informatica on AIX. 2. You create a column profile on a large flat file. 3. You run the profile.

Reference Data Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
IDQ-5600	You cannot check in a reference table from the command line when the Model repository is configured for version control. The issue can also apply to other objects under version control, for example a flat file data object.
IDQ-5295	You cannot create a reference table if the STRICT_READ_PERMISSION_OVERWRITE custom property is set in the domain.
IDQ-4431	If you enter an audit comment when you add a row to a reference table that contains a column with the name Comments, the application writes the audit comment to the row in the Comments column. The issue arises when you work on the reference table in the Analyst tool.

The following table describes closed enhancement requests:

Bug	Description
IDQ-2755	You do not need to update the search index on the Model repository before you run the infacmd cms purge command to remove unused reference tables from the reference data database. The purge command updates the search index before it purges the unused tables.

Rule Specification Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
MRS-1189	A mapplet that you generate from a rule specification can disappear from the Model repository when you perform the following steps: 1. You generate two or more mapplets from two or more corresponding rule specifications. 2. You create and save a rule specification with rule statements that read the mapplets that you created in the first step.
IDQ-2735	You cannot validate a rule specification when the following conditions are true: - 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.

Security Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-17718	When you synchronize an LDAP security domain with an LDAP directory server, references to LDAP user accounts that belong to groups in the native security domain are not deleted. As a result, you cannot perform operations on the native security domain groups containing the references.
PLAT-17445	When you access a domain through an F5 Networks BIG-IP proxy server, you must log in to both the Administrator tool and the Monitoring tool.
PLAT-14620	LDAP users are not correctly associated with groups in an LDAP security domain if the distinguished name (DN) value for a user is not identical to the DN specified for the uniquemember attribute.
PLAT-14590	You cannot manage permissions for an LDAP group in Microsoft Active Directory if you change the group name from uppercase letters to lowercase letters.
PLAT-14543	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.

The following table describes closed enhancement requests:

Bug	Description
PLAT-15761	If you select Oracle Directory as the LDAP Type when you use the Administrator tool or infacmd to import users into an LDAP security domain, the user email address is set as the username attribute.

Third-Party Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-17502	The environment variable INFA_ODBCTRACEFILE does not generate driver level trace logs that are necessary to troubleshoot connectivity errors for the Informatica Data Services Native ODBC driver. DataDirect reference number: 02094112
OCON-1308	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) DataDirect case reference number: 00324380
OCON-1081	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) DataDirect reference number: 00343606
BDM-5217	When you test an HDFS connection to the HDInsight cluster from the Developer tool, the test connection fails with the following error: <pre>org.apache.hadoop.fs.azure.AzureExceptionom : org.apache.hadoop.fs.azure.KeyProviderException: java.io.IOException: Cannot run program '/usr/lib/python2.7/dist-packages/hdinsight_common/ decrypt.sh': CreateProcess error=2</pre>
BDM-5022	When you run a mapping with the Spark engine on a MapR cluster, the execution engine uses the default MapR staging directory and not the staging directory that you configured in the "SPARK HDFS Staging Directory" property in the Hadoop connection. For example, the engine uses the directory /user/<Data Integration Service username>/. If you configured the impersonation user, the engine uses the directory /user/<impersonation user>. If you configured the operating system profile (OSP) user, the engine uses the directory /user/<OSP user>. MapR case number 00045736.
BDM-1992	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. Teradata case number: RECGV4J3Q

Transformation Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
OCON-9709	The REST Web Service Consumer transformation does not accept an empty unnamed array [] as a valid JSON response.
OCON-9216	You cannot configure the HTTP connection timeout period to be more than 100 seconds in a REST Web Service Consumer Transformation.
OCON-9196	The REST Web Service Consumer transformation cannot process JSON unnamed arrays in a response message.
OCON-9163	When the JSON data contains a simple or complex type named object as response, the Rest Web Services Consumer transformation parses the JSON data with a null value.
OCON-8104	When you run a REST Web Service Consumer Transformation with the Get method, the Data Integration Service shuts down unexpectedly if the expected JSON response message is an unnamed array.
OCON-7535	You cannot configure the web services connection timeout period to be more than 100 seconds in a REST Web Service Consumer transformation.
IDQ-5464	If you run a mapping that contains a Labeler transformation multiple times in succession, the mapping eventually fails.
IDQ-5424	If you drag a port from an Expression transformation to a dual-source Match transformation that you connect to a downstream transformation in a mapping, the port pushes the ports from the Match transformation out of sequence in the downstream transformation.
IDQ-4410	The Address Validator transformation does not recognize the Secure Hash Algorithm-compliant versions of the certified reference data files for the United States.

Transformation Language Functions Fixed Limitations (10.2)

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

The following table describes fixed limitations:

Bug	Description
PLAT-16261	Optimization removes the TO_CHAR function in the expressions TO_CHAR(ROUND()) and TO_CHAR(TO_DECIMAL()). If the function is part of a larger expression that requires the return values of ROUND and TO_DECIMAL to be strings, the mapping fails after optimization.
PLAT-16196	An application containing a mapping that uses TO_DECIMAL38 in an expression fails with a Java error when you deploy the application from the command line.
BDM-4924	When an expression contains line breaks, the mapping incorrectly validates the expression.

10.2 Known Limitations

Administrator Tool Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
OCON-1138	When you import or export data through Sqoop, the Administrator tool does not display the correct execution statistics in the Monitoring tab. Workaround: See the execution statistics in the yarn log. (452798)

Analyst Tool Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
PLAT-14625	When you try to export the mapping specification to PowerCenter Repository using pcclienSMARTUSER 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)

Application Service Known Limitations (10.2)

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: - 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-12066	The consolidated log file for a mapping might contain the incorrect DTM log file when the following conditions are true: - 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)
PLAT-12065	Mappings run on a Data Integration Service grid might hang indefinitely when the following conditions are true: - 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. Workaround: Enable the Resource Manager Service to continue running the mappings. (439628)

Bug	Description
PLAT-12060	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. Workaround: Restart the domain. (436753)
PLAT-12057	In a Kerberos domain, mappings fail to run on a Data Integration Service grid configured to run jobs in separate remote processes. Workaround: Configure the Data Integration Service to run jobs in separate local processes. (435471)
PLAT-12054	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)
MRS-1431	When you perform a search on the Model repository content, the maximum number of objects that is returned is based on the total number of Model repository objects and not the total number of mapping objects in the repository.
MRS-1418	The Model Repository Service log file in the <Informatica installation directory>/services/ directory uses the YYYY-MM-DD hh12:mm:ss timestamp format instead of YYYY-MM-DD hh24:mm:ss format.
BDM-4669	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)
BDM-2483	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)
BDM-1828	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. Workaround: Configure the external HTTP load balancer to use nodes with both the service and compute roles. (427052)
BDM-1798	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)

Big Data Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
OCON-9377	When you configure Sqoop and run a Teradata Parallel Transporter mapping on a Cloudera cluster to export data of the Byte or Varbyte data type to a Teradata target, the mapping fails on the Blaze engine.
OCON-9376	If you configure Sqoop to export data of the Blob or Clob data type to a Teradata target, TDCH mappings fail on the Spark engine.
OCON-9143	In the read and write operations for a complex file data object, you cannot edit the precision and scale of elements within a field that is of a complex data type. For example, if Field1 is of type array with string elements, you cannot edit the precision and scale of the string elements.
OCON-8850	If you configure Sqoop to export data of the Timestamp data type from a Hive source to a Microsoft Azure SQL Data Warehouse target, the mapping fails.
OCON-8779	If you configure Sqoop to export data of the Real data type to IBM DB2 z/OS targets, the mapping fails.
OCON-7521	Column profile run fails when the following conditions are true: 1. You use the Cloudera Connector Powered by Teradata for Sqoop to read data from Teradata for a Sqoop data source. 2. You create a column profile on the Sqoop data source. 3. You run the profile using the Blaze engine. Workaround: Create a separate Sqoop connection for each Sqoop data source with the -split-by option, and run a column profile on the data source.
OCON-7429	When you run a Teradata Parallel Transporter mapping on a Hortonworks cluster and on the Blaze engine to write data of the Byte or Varbyte data type to a Teradata target, the data gets corrupted. This issue occurs when you use the <code>hdp-connector-for-teradata-1.5.1.2.5.0.0-1245-distro.tar.gz</code> JAR. Workaround: Use the <code>hdp-connector-for-teradata-1.4.1.2.3.2.0-2950-distro.tar.gz</code> JAR.
OCON-730	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)
OCON-7291	Mappings that read data from a Teradata source and contain the <code>!=</code> (not equal) operator in the filter override query fail. This issue occurs if you run the Teradata Parallel Transporter mapping on a Hortonworks cluster and on the Blaze engine. Workaround: Use a native expression with the <code>ne</code> operator instead of the <code>!=</code> operator.
OCON-7280	If you configure Sqoop and update the columns in the advanced SQL query, the mapping fails on the Blaze engine.
OCON-7216	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.

Bug	Description
OCON-7212	If there are unconnected ports in a target, Sqoop mappings fail on the Blaze engine. This issue occurs when you run the Sqoop mapping on any cluster other than a Cloudera cluster. Workaround: Before you run the mapping, create a table in the target database with columns corresponding to the connected ports.
OCON-7208	When you run a Sqoop mapping on the Blaze engine and the columns contain Unicode characters, the Sqoop program reads them as null values.
OCON-7205	When you run a Sqoop mapping on the Blaze engine to export data of the Numeric data type from Netezza, the scale part of the data is truncated.
OCON-7078	Sqoop mappings that import data from or export data to an SSL-enabled database fail on the Blaze engine.
OCON-7076	When you run a Sqoop mapping and abort the mapping from the Developer tool, the Sqoop map-reduce jobs continue to run. Workaround: On the Sqoop data node, run the following command to kill the Sqoop map-reduce jobs: <code>yarn application -kill <application_ID></code>
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)
OCON-471	When you enable Sqoop for a data object and a table or column name contains Unicode characters, the mapping fails. (452114)
LDM-3324	A column profile runs indefinitely when the following conditions are true: - The Hive data source for the profile resides on an Azure HDInsight cluster that uses WASB storage. - You create a column profile on the Hive source and enable data domain discovery. - You run the profile on the Hive engine in the Hadoop environment. - You do not use the JDBC connection as the profiling warehouse connection.
BDM-11049	After the Data Integration Service restarts, a mapping that contains a Data Processor transformation might fail to run on the Hive engine the first time that it executes.
BDM-9987	A mapping configured with a filter expression upstream of a Joiner transformation might be inconsistent with map-side joins.
BDM-8517	The infacmd ms RunMapping command does not return the job ID.
BDM-6754	When the Data Integration Service is configured to run with operating system profiles and you push the mapping to an HDInsight cluster with ADLS as storage, the mapping fails with the following error: Exception Class: [java.lang.RuntimeException] Exception Message: [java.io.IOException: No FileSystem for scheme: adl]. java.lang.RuntimeException: java.io.IOException: No FileSystem for scheme: adl
BDM-6500	When you choose Return All for an unconnected lookup, mapping validation fails with the following unrelated error: The port [{0}] in the transformation [{1}] contains an expression that is not valid. Error: Invalid unconnected transformation [{3}].

Bug	Description
BDM-4597	A mapping with a joiner transformation that processes more than 4,294,967,294 rows in a single partition will fail. Workaround: If possible, increase partitioning on the source.
BDM-3853	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: <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> The mapping fails because the cluster attempts to decrypt the data but cannot find a file needed to perform the decryption operation. 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: - <code>key_decryption_cert.prv</code> - <code>decrypt.sh</code>
BDM-3687	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. 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: <pre>-Dmapreduce.job.queueName=<NameOfTheQueue></pre> To run a Spark job in a particular yarn queue, configure the following property in the Hadoop connection: <pre>spark.yarn.queue=<NameOfTheQueue></pre>
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-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-10924	A mapping with an SQL query defined on a Hive source and target table, or with an SQL query generated on the Hive source, fails with an error like: <pre>FAILED: ParseException line <line number> Failed to recognize predicate '<reserved keyword>'. Failed rule: 'identifier' in expression specification</pre> Workaround: Create the following user-defined property in the <code>hive-site.xml</code> configuration set in the cluster configuration: <code>hive.support.sql11.reserved.keywords=false</code>
BDM-10897	When you create or import type definition libraries using JSON objects with key names that have the dot operator (<code>.</code>), the following validation error occurs: Evaluation failed and was not completed. Check the Developer tool logs for details.
BDM-10895	If the JSON object that you are reading from has a key name with a dot operator (<code>.</code>) and you use the key name in an expression, the following error occurs: Cannot read complex definition

Bug	Description
BDM-10859	A mapping that runs on the Hive engine fails when it meets the following conditions: - The mapping writes to multiple targets, and at least one is a Hive target. - The mapping contains a Router transformation. - Storage-based authorization is enabled on the mapping
BDM-10856	The Administrator tool fails to display a cluster configuration when one of the *-site.xml configuration sets contains a dot character (.) in the name, excluding the required character for the file extension.
BDM-10837	Mapping performance is slow when the Spark engine writes to a partitioned Hive table on Amazon S3.
BDM-10731	New mapping jobs fail when the Data Integration Service machine reaches the maximum configured memory.
BDM-10670	Memory leaks occur on the Data Integration Service machine when the Spark engine heap memory reaches 4 GB.
BDM-10570	The Spark job fails with out of memory errors when a mapping that converts relational data to hierarchical data contains more than three Aggregator and Joiner transformations. Workaround: To convert relational data to a hierarchical data of more than four levels, develop more than one mapping to stage the intermediate data. For example, develop a mapping that converts relational data to a hierarchical data up to three levels. Use the hierarchical data in another mapping to generate a hierarchical data of four levels.
BDM-10566	Mappings fail when you use the impersonation user to read or write files within an HDFS encryption zone in a Hadoop cluster and operating system profiles are enabled for the Data Integration Service. Workaround: Read and write the files outside of the encryption zone.
BDM-10098	Mappings with a Normalizer transformation fail on the Spark engine if the value in the Occurs column is large.

Business Glossary Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
BG-1447	When you edit a Glossary template and the Glossary tab remains open in the background, you cannot make further edits to this template. When you click Save & Finish, an error message appears that mentions that changes cannot be saved.

Data Transformation Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
CM-7860	When a Data Processor transformation reads Parquet input with Amazon EMR in the Hive environment, the read action might fail. Workaround: Remove the following compression codecs from the <code>core-site.xml</code> property on all EMR instances in the clusters: - <code>com.hadoop.compression.lzo.LzoCodec</code> - <code>com.hadoop.compression.lzo.LzopCodec</code> Add the following values: - <code>org.apache.hadoop.io.compress.GzipCodec</code> - <code>org.apache.hadoop.io.compress.DefaultCodec</code> - <code>org.apache.hadoop.io.compress.BZip2Codec</code> - <code>org.apache.hadoop.io.compress.SnappyCodec</code> In addition, remove the <code>io.compression.codecs</code> property.
CM-7833	When using UTF-8 encoding and non-English characters in field names while importing a JSON schema, some fields with non-English characters might not be mapped. Workaround: Provide a schema and data with UTF-8 encoding.
CM-7830	A hierarchical to relational Data Processor transformation is set in accumulation output. For a JSON to hierarchical transformation, if you change the output port to binary, the output will be multiple JSON data sets. The output is not valid, even though each JSON data set is valid.
CM-7823	The Data Processor transformation can show 100,002 markings by default in the Data Viewer. Workaround: To show all markings, change the settings for the environment variable <code>IFCM_MAX_MARKINGS</code>.
B2BT-312	Service parameters are not supported for a Data Processor transformation with relational input. Workaround: Create two Data Processor transformations. Configure the first Data Processor transformation to use Input Mapping mode without the service. Configure the second Data Processor transformation with the service and define the service parameters. Link the output of the first transformation to the second transformation. Pass the service parameters with passthrough ports through the first transformation.

Developer Tool Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
PLAT-18324	A dynamic mapping with an Update Strategy transformation fails at run time when one of the following conditions is true: - Dynamic target is enabled to use the mapping flow to define target columns. - Dynamic target is enabled to create or replace relational targets. - Write transformation is based on an empty relational data object.
PLAT-17799	You cannot preview flat file data if the flat file uses a four-byte UTF-8 format.
PLAT-17627	When you run multiple concurrent mappings with Lookup and Sorter transformations in the native environment, the mappings might hang.

Bug	Description
PLAT-16416	When you import a mapping from PowerCenter that contains a mapplet and an Expression transformation, the following error sometimes appear in the log: The transformation instance cannot be connected to the active transformations. Workaround: Ignore the error and import the mapping.
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)
OCON-990	The Developer tool imports the DECFLOAT data type of IBM DB2 for z/OS tables as Char(0). (455216)
OCON-9806	If the ODBC data source contains a special character in a column name, mappings that read data from or write data to Microsoft SQL Server databases fail.
OCON-7025	On AIX 7.1, if you use the Oracle 12c client to connect to an Oracle database, and enable TLS 1.2 encryption for the Oracle 12c client, the mapping fails.
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-10170	If the SQL query in an SQL transformation contains a decimal 38 column with a large precision, the Data Integration Service truncates the scale. This issue occurs if you enable high precision to read data from Oracle.
BDM-9233	When you rename a port that is referenced in an invalid expression or an expression that does not support null values as arguments, the port is not renamed and mapping validation fails with the following error: [<original port name>: invalid symbol reference].

Enterprise Information Catalog Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
PLAT-17013	The value frequency pane in the Assets Details view does not display minimum and maximum values for columns with Date data type.
LDM-5284	Unable to access Enterprise Information Catalog search interface after a domain upgrade with a new license. Workaround: 1. After the domain upgrade, add the new license in the upgraded domain. 2. Disable the Catalog Service. 3. Associate the new license with the Catalog Service. 4. Enable the Catalog Service.
LDM-5226	You cannot select a negative value using the slider filter for an integer custom attribute. Workaround: Configure the custom attribute to allow filter based on range.
LDM-5222	When you configure a user with read and write permission for one resource in the Catalog Administrator, Enterprise Information Catalog displays the total resource count instead of a count of one in the search page for the user.
LDM-5220	After you fix the incorrect details in a reusable configuration used for a resource, the changes do not take effect on the resource.
LDM-5219	When you delete custom attributes in the Catalog Administrator, Enterprise Information Catalog does not delete custom attributes from the catalog. Workaround: 1. In the Application Configuration dialog box, click Custom Attributes . 2. Click Add . 3. In the Select Custom Attribute window, clear all the deleted custom attributes. 4. Click OK .
LDM-5192	For an Apache Atlas instance running on a Kerberos-enabled Hortonworks Data Platform (HDP) cluster, the Apache Atlas resource extracts source and target information only for Hive.
LDM-5188	When you search for an asset name that contains an underscore (_), the search results page does not return any result.
LDM-5081	When you delete an Informatica Axon resource, Enterprise Information Catalog does not delete the custom attribute assigned to the asset from the catalog.
LDM-4345	The <code>relationships</code> REST API returns different <code>levelCount</code> details for the same query.
LDM-3912	Custom metadata resource does not extract connection parameters for Business Intelligence metadata sources.
LDM-3735	The Column profile option is incorrectly enabled for unstructured data sources. Workaround: Use Data domain discovery option or Column profile and data domain discovery option for unstructured data sources.
LDM-3557	The File System resource fails with OutOfMemory error when scanning a large single JSON file.
EIC-1837	Relationship diagram does not show synonyms.

Bug	Description
EIC-1835	In the Asset Details view of a synonym, the Contains panel displays source qualifier and mapping assets along with columns instead of just columns.
EIC-1486	The Transformation Logic view displays inaccurate mapping names for the Informatica Cloud Services transformations.

Informatica Connector Toolkit Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
OCON-7420	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)
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-10257	On Linux, when you test the read or write operation, the test fails with the following error message: <code>java.lang.UnsatisfiedLinkError</code>
OCON-10252	On Linux, code generation takes a long time.

Intelligent Data Lake Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
IDL-5104	Operating system profiles and user impersonation are not supported for MapR.
IDL-4987	If you log out of Intelligent Data Lake and log in, the Visualization tab does not appear in the data asset views.
IDL-4973	If the system directory is encrypted, upload to the Hive database fails.
IDL-4955	In a fully profiled data asset, decimal data appears as null values after the data asset is published.
IDL-4832	If the data asset contains ultibytes and extended ASCII characters, data preview and tabular preview show incorrect data.
IDL-4089	When you unshare a visualization Notebook, the asset details page shows the Zeppelin welcome page.
IDL-3615	When you share a visualization Notebook, the asset details page shows the Zeppelin welcome page.

Bug	Description
IDL-3189	When you import data or preview data from Azure SQL Data Warehouse, the operation fails.
BDM-10566	If you create encrypted zones in the cluster and run the mappings or preview data in native mode, the mapping fails.

Intelligent Streaming Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
IIS-1155	When you import complex data type definitions for a Streaming mapping, the Import Complex Data Type Definitions dialog box does not display XML in the file format list.
IIS-1152	When you create a write data object operation for a MapR Streams data object and try to view the advanced properties tab, a null pointer exception occurs. Workaround: Select the advanced properties tab of the data object write operation in the Mapping editor.
IIS-1138	Streaming mappings that read from MapR Streams sometimes fail with the following error: <code>Failed to get records</code>
IIS-1121	When you run applications on a MapR cluster, failover does not happen and the following error occurs: <code>ERROR StreamsListener fs/client/marlin/cc/listener/listenerimpl.cc:699 Thread: 26778 Seek called on unsubscribed partitions</code>
IIS-1062	When you run two concurrent Streaming mappings that read from the same Kafka broker, where one mapping contains a Union transformation and one mapping contains a Joiner transformation, the mappings do not run and a warning appears in the logs as follows: <code>WARN ConsumerCoordinator: Auto offset commit failed for group IIS-Kafka-DStream-Consumer-1499852337694: Commit cannot be completed since the group has already rebalanced and assigned the partitions to another member.</code> Workaround: Run the mappings one after the other.
IIS-924	When you project columns in XML format, the Streaming mapping fails if the XSD schema contains definitions for namespace and references.
IIS-920	When you read XML payloads in Streaming mappings, the default values specified in the XSD schema are not read by the StaxXMLParser and StaxXMLGenerator.
IIS-919	When you read XML payloads in Streaming mappings, the nillable constraint specified in the XSD schema is not read by the StaxXMLParser and StaxXMLGenerator.
IIS-914	You cannot specify attributes for simple elements in XML payloads in Streaming mappings.

Metadata Manager Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
MM-3208	Error appears when you schedule a business glossary resource load to run at predefined intervals in the Kerberos environment.
MM-3204	Resource migration fails when you run the rmu command for the following resources: - ERwin (Deprecated_10.0.0) - Cognos (Deprecated_10.0.0) - JDBC (Deprecated_10.0.0) - Microsoft SQL Server Integration Services (Deprecated_10.0.0) - SAP PowerDesigner (Deprecated_10.0.0) resources
MM-3117	When you load a Oracle Business Intelligence Enterprise Edition (OBIEE) resource, the load logs display warnings for Extended Subject Area (XSA) fields after you create a mashup report in the visual analyser for OBIEE 12. The mashup report is created when you combine Microsoft Excel columns and sample subject elements in OBIEE 12.
MM-2927	When you remove an asset link for a term in the Analyst tool and reload the associated business glossary resource in the Metadata Manager, the Related Catalog Objects section does not get updated for the business term.
MM-2921	Metadata Manager does not support extraction of visual analyser projects for Oracle Business Intelligence Enterprise Edition 12.
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-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)
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)

PowerCenter Known Limitations (10.2)

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)

Bug	Description
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)
OCON-7025	On AIX 7.1, if you use the Oracle 12c client to connect to an Oracle database, and enable TLS 1.2 encryption for the Oracle 12c client, the session fails.
OCON-10262	WSDL import fails if the request and response elements have different namespaces.
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-86	Failed to check appropriate privileges for the metadata web services. (392671)
CORE-5038	When you import a mapping or maplet and a shortcut to the mapping or maplet in PowerCenter or Repository Manager, labels might be applied to the wrong version of the imported mapping or maplet. Workaround: Import the mapping or maplet before you import the shortcut.

Profiles and Scorecards Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
IDE-2794	A null pointer exception appears when the following conditions are true: 1. Create a customized data object and change the port name. 2. Create a column profile on the data object. 3. Edit the profile and add a rule. 4. Run the profile.
IDE-2769	When you run a SQL query that uses the MRX_SC_RULE_METRICS view, the query results appear after an indefinite period of time.
IDE-2695	In the Developer tool, when you create a column profile on a logical data object and add a filter to the profile, the filter preview does not appear.

Rule Specifications Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
PLAT-18362	If a rule specification contains multiple rule sets and you click on a rule set, the rule set might move to become a child of another rule set. The issue arises when the rule specification is editable and you zoom in and zoom out of the rule specification.
IDQ-4249	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. Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays. (439453)
IDQ-4246	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. Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays. (439258)

Security Known Limitation (10.2)

The following table describes known limitations:

Bug	Description
PLAT-18566	If a secure domain is SAML-enabled and you log in to the Administrator tool as an SAML user, the Administrator tool does not show the user activity log. The Analyst tool shows the user activity log but does not show the name of the user in the user field of the activity log.

Transformations Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
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)
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)

Bug	Description
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-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)

Third-Party Known Limitations (10.2)

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" ("USERNAM E 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)
PLAT-14653	When you import a Timestamp with Time Zone metadata, the scale appears as 0 instead of 6 for the data type. DataDirect reference number: 00310850 (413119)
OCON-9943	If you configure Sqoop to import time data from a Netezza database, the mapping fails. Apache ticket reference number: SQOOP-2978
OCON-9881	If you export data to Oracle through Sqoop and the columns contain mixed case characters, the mapping fails. This issue occurs when you run the mapping on a Cloudera cluster.
OCON-8786	If you configure Sqoop to export data of the Clob or DBClob data type to IBM DB2 z/OS targets, the mapping fails.

Bug	Description
OCON-8561	If you configure Sqoop to export data of the Money data type to Microsoft SQL Server targets, the mapping fails.
OCON-8387	If you configure TDCH and Sqoop and run a mapping on the Blaze or Spark engine to export data of the Time data type, only milliseconds are written to the target. The nanosecond part is truncated. Cloudera ticket reference number: 124306
OCON-8332	If you configure Sqoop to export data of the Clob or DBClob data type to IBM DB2 targets, the mapping fails.
OCON-7974	If you configure Sqoop and a column name contains spaces, the mapping fails. Apache ticket reference number: SQOOP-2737
OCON-7687	If you export data through Sqoop and the columns contain mixed case characters, the mapping fails.
OCON-7669	If you configure Sqoop and OraOop, and export data to an Oracle target that contains mixed case characters in the table name, the mapping fails. Workaround: Use the generic Oracle JDBC driver to export data.
OCON-7620	If you import data from an IBM DB2 source through Sqoop and the table name contains mixed case characters, the mapping fails. Sqoop JIRA issue number: SQOOP-3211
OCON-7505	Sqoop mappings that read byte or varbyte data from a Teradata source and write it to a Teradata target fail on the Blaze engine. This issue occurs if you use Cloudera Connector Powered by Teradata. Cloudera ticket reference number: 124305
OCON-7504	When you use Sqoop to read data of the Timestamp data type from a Teradata source and write it to a Teradata target, only milliseconds are written to the target. This issue occurs if you run the Teradata Parallel Transporter mapping on a Cloudera cluster and on the Blaze engine. Cloudera ticket reference number: 124302
OCON-7503	When you use Sqoop to read time data from a Teradata source and write it to a Teradata target, the fractional seconds get corrupted. This issue occurs if you use Cloudera Connector Powered by Teradata or Hortonworks Connector for Teradata, and run the mapping on the Blaze engine. Cloudera ticket reference number: 124306
OCON-7459	When you export data to an IBM DB2 target through Sqoop, the mapping fails if all of the following conditions are true: - You create or replace the IBM DB2 target table at run time. - The IBM DB2 target table name or column names contain mixed case characters. - You run the mapping on a Cloudera 5u8 cluster. Apache ticket reference number: SQOOP-3212
OCON-7431	When you read time data from a Teradata source and write it to a Teradata target, the fractional seconds get corrupted. This issue occurs if you run the Teradata Parallel Transporter mapping on a Hortonworks cluster and on the Blaze engine. Cloudera ticket reference number: 124302

Bug	Description
OCON-7365	Sqoop mappings fail on MapR 5.2 clusters. Workaround: Add the following property in the mapred-site.xml file on all nodes of the cluster, and restart the Hadoop services and cluster: <pre><property> <name>mapreduce.jobhistory.address</name> <value><Host_Name>:10020</value> </property></pre>
OCON-7219	When you run a Sqoop mapping on the Blaze engine to export Teradata float data, the data is truncated after the decimal point. Cloudera support ticket number: 113716
OCON-7214	Sqoop mappings fail on the Blaze engine if you use a custom query with the Order By clause to import data. Sqoop JIRA issue number: SQOOP-3064
OCON-7213	The Sqoop program does not honor the --num-mappers argument and -m argument when you export data and run the mapping on the Blaze or Spark engine. Sqoop JIRA issue number: SQOOP-2837
OCON-7211	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. Sqoop JIRA issue number: SQOOP-2349
OCON-417	Sqoop does not read the OraOop arguments that you configure in the oraoop-site.xml file. Workaround: Specify the OraOop arguments as part of the Sqoop arguments in the mapping. (455750)
OCON-2847	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) Data Direct case number: 00343832
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) Apache ticket reference number: SQOOP-2980
OCON-1080	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)
IDE-1677	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)
BDM-9585	Mappings fail on the Spark engine when you configure an SQL override to access a Hive view. Apache Spark ticket reference number: SPARK-21154.
BDM-8932	Complex file data objects cannot parse a multi-line JSON file on the Spark engine. Apache Spark ticket reference number: SPARK-18352

Bug	Description
BDM-5478	You cannot use impersonation users or operating system profiles to run mappings on an Azure HDInsight cluster that uses ADLS or WASB. HDInsight clusters that use ADLS or WASB are single-user clusters.
BDM-5431	When the Blaze engine runs mappings as the impersonation user on a MapR cluster, the following error message appears: <pre>[org.apache.hadoop.security.AccessControlException: User impUser3(user id 2002) does not have access</pre> Workaround: Disable user impersonation. In the Hadoop connection properties, in the Common Properties area, set the impersonation user to the user ID of the Data Integration Service user. MapR case number 00045006.
BDM-4682	A mapping fails when it contains an Update Strategy transformation and writes to a partitioned Hive target on an Amazon EMR cluster. Hive issue 17221.
BDM-1363	Big Data Management on the MapR Hadoop distribution does not support the use of operating system profiles when you run mappings using the Blaze engine. MapR case number 00045006.
BDM-10455	Inserts into a bucketed table can sometimes fail when you use Hive on Tez as the execution engine. The issue is more probable if the table is a Hive ACID table and a delete operation is performed before the inserts. Apache ticket reference number: TEZ-3814
BDM-10410	For IBM BigInsights and Hortonworks clusters, insert into a Hive target table on Amazon S3 can fail if the table is enabled for transactions.
BDM-10100	Impersonation is not honored and mappings fail on a MapR cluster when the following conditions are true: - The Data Integration Service uses operating system profiles. - The <code>hive.metastore.sasl.enabled</code> property is set to true in the <code>hive-site.xml</code> configuration set. MapR case number: 00052930

Workflows Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
MWF-1448	If a domain fails over from one gateway node to another gateway node while a workflow runs, the Data Integration Service re-runs any Mapping task that began before the domain failed. Any mapping that runs again fails during workflow recovery. The issue arises when the following conditions are true: - The workflow contains multiple parallel Mapping tasks and Command tasks between two Inclusive gateways. - The batch execution pool size specifies that the mappings in the Mapping tasks must run in two or more batches. - You manually recover the workflow or the workflow recovers automatically after the domain fails over. - You configure the nodes in a grid, and the grid Data Integration Service runs the workflow.
MWF-1419	If a domain fails over from one gateway node to another gateway node while a workflow runs, the Data Integration Service might re-run a mapping that completed before the domain failed. The issue can arise when the following conditions are true: - The workflow contains multiple parallel Mapping tasks between two Inclusive gateways. - The batch execution pool size specifies that the mappings in the Mapping tasks must run in two or more batches. - The domain fails during the Mapping task execution and before the final batch of mappings starts to run. - You configure the nodes in a grid, and the grid Data Integration Service runs the workflow.
MWF-1414	If the Data Integration Service restarts while a workflow is running, the Monitoring tool might fail to report that the workflow entered a cancelled state. The issue can arise when the domain uses different Model Repository Services to store the workflow metadata and to monitor the workflow.
MWF-1396	Workflow metadata might become corrupted in a Blaze or Hive environment and the workflow might fail to run.
MWF-1369	The Monitoring tool is slow to update the status of multiple workflows and workflow tasks following a domain restart. The issue can arise when the following conditions are true: - The domain uses different Model Repository Services to store the workflow metadata and to monitor the workflow. - When the domain restarts, the Model Repository Service that performs monitoring restarts after the Data Integration Service and the workflow engine restart. - Multiple workflows were running when the domain failed. For example, monitoring does not reflect the correct status for ten workflow that each contain ten parallel Mapping tasks until 90 seconds after the application services restart.
MWF-1340	If a workflow contains parallel Mapping tasks and you cancel the workflow while the Mapping tasks are running, any mapping that has yet to start proceeds to run. The issue arises when the following conditions are true: - The number of mappings that the Mapping tasks specify is greater than the Maximum Worker Threads value on the Data Integration Service. - You cancel the workflow while the mappings that the Maximum Worker Threads value specifies are running and other mappings have yet to start. Workaround: Increase the Maximum Worker Threads value.

Emergency Bug Fixes Merged into 10.2

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.2. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.2, see the following Informatica Knowledge Base article: <https://kb.informatica.com/faq/7/Pages/19/517555.aspx>.

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