Informatica 10.2 HotFix 1 Release Notes (10.2 HotFix 1)

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This document contains important information about fixed limitations and emergency bug fixes for Informatica 10.2 HotFix 1.

Installation and Upgrade

Informatica Upgrade Paths

You can directly upgrade to 10.2.0 HotFix 1 from Informatica 9.6.1, 10.0, 10.1, 10.1.1, 10.1.1 HotFix 1, and 10.1.1 HotFix 2.

If the product version that is currently installed cannot be upgraded to Informatica 10.2.0 HotFix 1, you must first upgrade to a supported version. To determine the Informatica product version that is currently installed, click **Help** > **About Informatica Administrator** in the Informatica Administrator header area.

Note: Informatica dropped support for versions 9.0.1, 9.1 and 9.5.x. For more information about Support EOL statements, contact Informatica Global Customer Support or see: https://network.informatica.com/docs/DOC-16182

The following table describes the Informatica product versions from which you can upgrade:

Informatica Version	Upgrade Path	Comments
9.1.0	9.6.1 -> 10.2.0 HotFix 1	Upgrade to version 9.6.1, and then upgrade to upgrade to version 10.2.0 HotFix 1.
9.5.0	9.6.1 -> 10.2.0 HotFix 1	Upgrade to version 9.6.1, and then upgrade to upgrade to version 10.2.0 HotFix 1.
9.5.1	9.6.1 -> 10.2.0 HotFix 1	Upgrade to version 9.6.1, and then upgrade to upgrade to version 10.2.0 HotFix 1.
9.6.0	9.6.1 -> 10.2.0 HotFix 1	Upgrade to version 9.6.1, and then upgrade to upgrade to version 10.2.0 HotFix 1.
9.6.1	10.2.0 HotFix 1	You can upgrade directly to version 10.2.0 HotFix 1.
10.0	10.2.0 HotFix 1	You can upgrade directly to version 10.2.0 HotFix 1.
10.1	10.2.0 HotFix 1	You can upgrade directly to version 10.2.0 HotFix 1.
10.1.1	10.2.0 HotFix 1	You can upgrade directly to version 10.2.0 HotFix 1.

Informatica Version	Upgrade Path	Comments
10.1.1 HotFix 1	10.2.0 HotFix 1	You can upgrade directly to version 10.2.0 HotFix 1.
10.1.1 HotFix 2	10.2.0 HotFix 1	You can upgrade directly to version 10.2.0 HotFix 1.
10.2.0	10.2.0 HotFix 1	You can apply the hotfix to version 10.2.0.

Important: Version 10.2 HotFix 1 was released after version 10.2.1. Informatica does not support the upgrade from 10.2.1 to 10.2 HotFix 1, nor does it support the upgrade from 10.2 HotFix 1 to 10.2.1. The upgrade process might succeed, but you might experience results that are not supported.

Support Changes

This section describes support changes in version 10.2 HotFix 1.

Support Changes - zLinux

Effective in version 10.2 HotFix 1, you can install the PowerCenter Integration Service, the PowerCenter Repository Service, and the Web Services Hub on zLinux.

You can upgrade from 9.6.1 HotFix 4 Informatica installation on zLinux.

Support Changes - Big Data Management Hadoop Distributions

The following table lists the supported Hadoop distribution versions and changes in Big Data Management 10.2.0 HotFix 1:

Hadoop Distribution	Supported Distribution Versions	10.2 Changes
Amazon EMR	5.8	Added support for version 5.8. Dropped support for versions 5.0 and 5.4. **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	5.10.x 5.11.x 5.12.x 5.13.x	Added support for versions 5.12, 5.13 Dropped support for version 5.8 and 5.9.

Hadoop Distribution	Supported Distribution Versions	10.2 Changes
Hortonworks HDP	2.5x 2.6x	Dropped support for versions 2.3 and 2.4. **Note:** To use Hortonworks 2.5 with Big Data Management 10.2, you must apply a Emergency Bug Fix patch. See the following Knowledge Base article: - Hortonworks 2.5 support: KB 521847.
MapR	5.2 MEP 3.0.x	Added support for version 5.2 MEP 3.0. Dropped support for version 5.2 MEP 1.x and 5.2 MEP 2.x.

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`.

Support Changes - 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 10.2
Amazon EMR	5.8	Dropped support for version 5.4.
Cloudera CDH	5.10 5.11 5.12 5.13	No change.
Hortonworks HDP	2.5.x 2.6.x	No change.
MapR	5.2 MEP 3.0	Dropped support for version 5.2 MEP 2.0.

Migrating to a Different Database

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

You cannot upgrade in silent mode in the following situations:

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

Workaround:

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

(PLAT-8403, 440711)

Upgrading to New Configuration

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

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

(PLAT-8450, 460338)

Upgrading a Split Domain

Version 10.2 HotFix 1 does not support Intelligent Data Lake or Enterprise Data Catalog. If you are upgrading from a split domain, you must configure an environment variable to skip validation check before you can perform the upgrade or apply the hotfix. (PLAT-21682)

Upgrading from Version 10.1.1 HotFix 1

The upgrade to version 10.2 HotFix 1 fails if the following condition is true:

The 10.1.1 HotFix 1 domain contains Intelligent Data Lake or Enterprise Data Catalog.

The upgrade fails with plug-in validation errors indicating a version mismatch in the domain. To perform a successful upgrade you must set the following environment variable to true: SKIP_BINARIESVALIDATION_CHECK

Upgrading from Version 10.1.1 HotFix 2

The upgrade to version 10.2 HotFix 1 fails if the following condition is true:

You split the 10.1.1 HotFix 1 domain before you upgraded to version 10.1.1 HotFix 2.

The upgrade fails with plug-in validation errors indicating a version mismatch in the domain. To perform a successful upgrade you must copy .jar files from 10.1.1 HotFix 1 to 10.1.1 HotFix 2 and remove the files from the 10.1.1 HotFix 1 directory.

Before you perform the upgrade, complete the following steps:

1. Copy the ldmconfig.xml file from 10.1.1 HotFix 1 to 10.1.1 HotFix 2. You can find the file in the following location:

   ```
   <10.1.1 HotFix 1 installation directory/plugins/conf/>
   ```

2. Set the following environment variable to true: SKIP_BINARIESVALIDATION_CHECK

3. Back up the following .jar files from `<10.1.1 HotFix 2 installation directory>/plugins/dynamic/`:

   `com.infa.products.ldm.config-persistence.models-persist.mrs.registration-10.1.102.24.25-SNAPSHOT.jar`

   `com.infa.products.ldm.config-persistence.models-persist-10.1.102.24.25-SNAPSHOT.jar`
4. Remove the above mentioned .jar files from the 10.1.1 HotFix 2 installation.
5. Copy the following files from the `<10.1.1 HotFix 1 backup directory>/plugins/dynamic/` to `<10.1.1 HotFix 2 installation directory>/plugins/dynamic/`:

   `com.infa.products.ldm.config-persistence.models-persist.mrs.registration`

   `com.infa.products.ldm.config-persistence.models-persist`

When you upgrade to version 10.2 HotFix 1, the installer performs the upgrade without validation errors.

Applying the HotFix to Version 10.2.0

The application of version 10.2 HotFix 1 fails if the following condition is true:

The 10.2.0 domain contains Intelligent Data Lake or Enterprise Data Catalog.

The upgrade fails with plug-in validation errors indicating a version mismatch in the domain. To perform a successful upgrade you must set the following environment variable to true: SKIP_BINARIESVALIDATION_CHECK

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)

Hotfix Installation and Rollback

When you apply the hotfix, the installer backs up existing directories, installs the new version of the product, and restores or updates required configuration and run-time files.

Informatica provides separate installers to apply hotfixes to the Informatica services and clients. To apply the Informatica hotfix, perform the following steps:

1. Complete the pre-installation tasks.
2. Apply the hotfix to the Informatica services in graphical, console, or silent mode.
3. Complete the post-installation tasks for the Informatica services.

4. Apply the hotfix to the Informatica clients in graphical or silent mode. If you are applying the hotfix to Informatica Developer, verify that the Informatica client hotfix version matches the Informatica services hotfix version.

   Note: If the Informatica client hotfix version does not match the Informatica services hotfix version, Informatica Developer cannot connect to the domain.

When you roll back a hotfix, the installer restores Informatica to the previously installed version. The installer rolls back the hotfix for the Informatica services and clients at the same time.

To apply the Informatica rollback, perform the following steps:

1. Complete the pre-installation tasks.
2. Apply the rollback in graphical, console, or silent mode.
3. Complete the post-installation tasks.

On Windows, you can run the installer in graphical or silent mode. On UNIX, you can run the installer in console or silent mode.

Pre-Installation Tasks

Complete the pre-installation tasks before you apply or roll back a hotfix.

1. Stop all processes that access the installation directory and subdirectories, including command prompts and command line programs.
2. Close the Informatica clients on all machines where you want to apply or roll back the hotfix.
3. Close the Informatica directory and the subdirectories.
4. Stop the Informatica services on all nodes in the domain. For more information about stopping Informatica services, see the *Installation and Configuration Guide*.
5. If you are applying a hotfix and the machine uses HTTPS to connect to Informatica Administrator, verify that the keystore file is in the default location and that it uses the default file name. The default location for the keystore file is `<Informatica installation directory>/tomcat/conf`. The default file name for the keystore file is `Default.keystore`.
6. If you are applying a hotfix, back up the repository and warehouse files. These backup files are required if you roll back the hotfix. Back up the following databases and files in your environment:
   - PowerCenter repository
   - Model repository
   - Metadata Manager imm.properties file
   - Metadata Manager warehouse.
   - ServiceDB repository
7. Download the hotfix installation package for your platform.
8. Unzip or untar the contents of the hotfix installation package.

   Note: On Windows, the length of the installation path, including the .zip file name, must be 60 characters or fewer. On UNIX, use the native tar or GNU tar command to extract the installer files. The user that runs the installer must have read and write permissions on the directory that contains the installer files and execute permissions on install.sh.

Applying or Rolling Back the HotFix in Graphical Mode

When you run the installer in graphical mode, a console window opens and runs in the background. If you close this window, the installation stops.

1. Log in to the machine with a system user account. The user account must be the same account used to install the previous version of Informatica services.
2. Close all other applications.
3. To begin the installation on Windows, run `install.bat` from the root directory where you unzipped or untarred the hotfix installation package.
4. On the Informatica 10.2.0 HotFix 1 page, select **Apply HotFix 1 for Informatica 10.2.0**, and then click **Start**.

   The **Installation Type** page appears.
5. Choose to apply the hotfix or roll back the installation.
   - To apply a hotfix, select **Apply the hotfix**.
   - To roll back a hotfix, select **Roll back the hotfix**.
6. Read the terms and conditions of Informatica product usage toolkit and select **I agree to the terms and conditions**, and then click **Next**.

   Subject to your opt-out rights described below, the software will automatically transmit to Informatica in the USA information about the computing and network environment in which the Software is deployed and the data usage and system statistics of the deployment. This transmission is deemed part of the Services under the Informatica privacy policy and Informatica will use and otherwise process this information in accordance with the Informatica privacy policy available at https://www.informatica.com/in/privacy-policy.html. You may disable usage collection in Administrator tool.

   The **Installation Prerequisites** page appears.
7. Verify that all requirements are met before you continue the hotfix or rollback, and then click **Next**.

   The **Installation Directory** page appears.
8. Enter the absolute path for the directory in which the current version of the Informatica services is installed, and then click **Next**.

   The **Pre-Installation Summary** page appears.
9. Review the installation information, and then click **Install** to apply or roll back the hotfix.

   If you are applying a hotfix, the installer copies the Informatica files to the installation directory. If you are rolling back a hotfix, the installer removes the last hotfix and restores Informatica to the previous version.
   The **Post-Installation Summary** page appears, indicating whether the hotfix or rollback completed successfully.
10. Verify that the hotfix or rollback completed successfully.
11. Complete the post-installation tasks.

Applying or Rolling Back the HotFix in Console Mode

When you run the installer in console mode, the words Quit and Back are reserved words. Do not use them as input text.

1. Log in to the machine with a system user account. The user account must be the same account used to install the previous version of Informatica services or client.
2. Close all other applications.
3. On a shell command line, run the `install.sh` file located in the root directory.

   The installer displays a message to verify that the locale environment variables are set.
4. Verify that the environment variables are set.
   - If the environment variables are not set, enter **N** to exit the installer and set them as required.
   - If the environment variables are set, enter **Y** to continue.
5. Enter **4** to apply HotFix 1 for Informatica 10.2.0 or roll back the hotfix
6. Specify whether to apply the hotfix or roll back the installation.
   - Enter **1** to apply the hotfix.
   - Enter **2** to roll back the hotfix.
7. Read the terms and conditions for Informatica installation and the product usage toolkit and select **I agree to the terms and conditions**.

   Subject to your opt-out rights described below, the software will automatically transmit to Informatica in the USA information about the computing and network environment in which the Software is deployed and the data usage and system statistics of the deployment. This transmission is deemed part of the Services under the Informatica privacy policy and Informatica will use and otherwise process this information in accordance with the Informatica privacy policy available at https://www.informatica.com/in/privacy-policy.html. You may disable usage collection in Administrator tool.
   - Press **1** to quit the installation.
   - Press **2** to continue the installation.
8. Verify that all installation requirements are met before you continue to apply or roll back the hotfix.
9. Press **Enter**.
10. Enter the absolute path for the directory in which the current version of the Informatica services is installed or press Enter to use the default directory.

    The directory names in the path must not contain spaces or the following special characters: @|* $ # ! % ( ){ } [ ] , ; '
11. Press **Enter**.
12. Review the installation information, and press **Enter** to apply or roll back the hotfix.

    If you are applying a hotfix, the installer copies the Informatica files to the installation directory. If you are rolling back a hotfix, the installer removes the last hotfix and restores Informatica to the previous version.
13. Verify that the hotfix or rollback completed successfully.
14. Complete the post-installation tasks.

Applying or Rolling Back the HotFix in Silent Mode

To apply the hotfix in silent mode, create the `SilentInput.properties` file and then run the installer with the file.

Informatica provides a sample properties file, called `SilentInput_hotFix.properties`, that includes the parameters that are required by the installer. The following example shows the contents of the file:

```
##########################################################
# Informatica Installer Build details
# Copyright (c) 1993-2018 Informatica LLC
# This software contains confidential and proprietary
# information of Informatica LLC
# All Rights Reserved.
##########################################################

# Use the following guidelines when editing this file:
# * Use this file to install without user interaction.
# * After you create the properties file, save the file with the name
SilentInput.properties.
# * Any error condition that leads to failure, such as an invalid
# installation directory, generates a log file in the user home directory.
# For example:  c:\silentErrorLog<time_stamp>.log

##########################################################

# Set ENABLE_USAGE_COLLECTION  to 1 to accept the product usage toolkit end user
license agreement.
# You must set the value as 1 to install the Informatica platform.
# The product usage toolkit end user license agreement is available at: http://
www.informatica.com/us/eula/en-support-eula.aspx.
# As further described in the EULA, your use of the Informatica platform will enable
the product usage toolkit
# to collect certain product usage and failure information. You may disable this
feature at any time.
# For more information on how to disable this feature refer the Informatica
Administrator Guide.

ENABLE_USAGE_COLLECTION=0

## *INSTALL_TYPE - Set this value to '0' to apply the hotfix. Set this value to '1'
to roll back the hotfix.

INSTALL_TYPE=0

# * The USER_INSTALL_DIR variable must point to a valid directory with write
#     permissions enabled.


USER_INSTALL_DIR=c:\Informatica\10.2.0 HotFix 1
```

The properties file is the same for both the Informatica services hotfix and Informatica client hotfix.

1. Go to the root of the directory that contains the installation files.
2. Locate the `SilentInput_HotFix.properties` file.
3. Back up the file before you modify it.

4. Use a text editor to open the file and modify the values. The following table describes the installation properties that you can modify:

Property Name	Description
INSTALL_TYPE	Indicates whether to apply the hotfix or roll back the hotfix. If the value is 0, the installer applies the hotfix to the current Informatica installation. If the value is 1, the installer rolls back the current hotfix.
USER_INSTALL_DIR	Directory for the Informatica installation on which to apply or roll back the hotfix. To apply the hotfix to the Informatica services, enter the absolute path for the directory in which the current version of the Informatica services is installed. To apply the hotfix to the Informatica clients, enter the absolute path for the directory in which the current version of the Informatica clients is installed. To roll back the hotfix, enter the absolute path for the directory in which the current version of the Informatica services or clients is installed.
ENABLE_USAGE_COLLECTION	Enables the software to automatically transmit to Informatica in the USA information about the computing and network environment in which the Software is deployed and the data usage and system statistics of the deployment. This transmission is deemed part of the Services under the Informatica privacy policy and Informatica will use and otherwise process this information in accordance with the Informatica privacy policy available at https://www.informatica.com/in/privacy-policy.html. You may disable usage collection in Administrator tool. For more information about how to disable sending usage statistics, see *Informatica Administrator Guide* You must set the value to 1 to apply the hotfix.

5. Save the properties file with the name SilentInput.properties.
6. Open a command window.
7. Go to root of the server or client installer directory.
8. Verify that the directory contains the `SilentInput.properties` file that you edited and saved.
9. Begin the installation from Windows or UNIX.
   - To apply or roll back the hotfix on Windows, double-click the `silentInstallHotFix.bat`.
   - To apply or roll back the hotfix on UNIX, double-click the `silentInstallHotFix.sh`.

   If you apply a hotfix, the installer copies the Informatica files to the installation directory. If you roll back a hotfix, the installer removes the last hotfix and restores the previous version of Informatica.
10. Verify that the hotfix or rollback completed successfully.
11. Complete the post-installation tasks.

Applying or Rolling Back the HotFix client in Graphical Mode

When you run the installer in graphical mode, a console window opens and runs in the background. If you close this window, the installation stops.

1. Log in to the machine with a system user account. The user account must be the same account used to install the previous version of Informatica services.
2. Close all other applications.

3. To begin the installation on Windows, run `install.bat` from the root directory where you unzipped or untarred the hotfix installation package.
4. On the Informatica 10.2.0 HotFix 1 page, select **Apply HotFix 1 for Informatica 10.2.0**, and then click **Start**.

   The **Installation Type** page appears.
5. Choose to apply the hotfix or roll back the installation.
   - To apply a hotfix, select **Apply the hotfix**.
   - To roll back a hotfix, select **Roll back the hotfix**.
6. Read the terms and conditions of Informatica product usage toolkit and select **I agree to the terms and conditions**, and then click **Next**.

   Subject to your opt-out rights described below, the software will automatically transmit to Informatica in the USA information about the computing and network environment in which the Software is deployed and the data usage and system statistics of the deployment. This transmission is deemed part of the Services under the Informatica privacy policy and Informatica will use and otherwise process this information in accordance with the Informatica privacy policy available at https://www.informatica.com/in/privacy-policy.html. You may disable usage collection in Administrator tool.

   The **Installation Prerequisites** page appears.
7. Verify that all requirements are met before you continue the hotfix or rollback, and then click **Next**.

   The **Installation Directory** page appears.
8. Enter the absolute path for the directory in which the current version of the Informatica services is installed, and then click **Next**.

   The **Pre-Installation Summary** page appears.
9. Review the installation information, and then click **Install** to apply or roll back the hotfix.

   If you are applying a hotfix, the installer copies the Informatica files to the installation directory. If you are rolling back a hotfix, the installer removes the last hotfix and restores Informatica to the previous version.
   The **Post-Installation Summary** page appears, indicating whether the hotfix or rollback completed successfully.
10. Verify that the hotfix or rollback completed successfully.
11. Complete the post-installation tasks.

Applying or Rolling Back the HotFix Client in Silent Mode

To apply the hotfix in silent mode, create the `SilentInput.properties` file and then run the installer with the file.
Informatica provides a sample properties file, called `SilentInput_hotFix.properties`, that includes the parameters that are required by the installer. The following example shows the contents of the file:

```
##########################################################
# Informatica Installer Build details
# Copyright (c) 1993-2017 Informatica LLC
# This software contains confidential and proprietary
# information of Informatica LLC
```

```
# All Rights Reserved.
##########################################################

# Use the following guidelines when editing this file:
# * Use this file to install without user interaction.
# * After you create the properties file, save the file with the name
SilentInput.properties.
# * Any error condition that leads to failure, such as an invalid
# installation directory, generates a log file in the user home directory.
# For example:  c:\silentErrorLog<time_stamp>.log

USER_INSTALL_DIR=c:\Informatica\10.2.0 HotFix 1

#######
# After you create the properties file, save the file with the name
SilentInput.properties and
#     run the silent installer to perform the Informatica client installation.
#######
```

1. Go to the root of the directory that contains the installation files.
2. Locate the `SilentInput_HotFix.properties` file.
3. Back up the file before you modify it.
4. Use a text editor to open the file and modify the values. The following table describes the installation properties that you can modify:

Property Name	Description
INSTALL_TYPE	Indicates whether to apply the hotfix or roll back the hotfix. If the value is 0, the installer applies the hotfix to the current Informatica client installation. If the value is 1, the installer rolls back the current hotfix.
USER_INSTALL_DIR	Directory for the Informatica installation on which to apply or roll back the hotfix. To apply the hotfix to the Informatica clients, enter the absolute path for the directory in which the current version of the Informatica clients is installed. To roll back the hotfix, enter the absolute path for the directory in which the current version of the Informatica clients is installed.

5. Save the properties file with the name SilentInput.properties.
6. Go to root of the client installer directory.
7. Verify that the directory contains the `SilentInput.properties` file that you edited and saved.
8. To apply or roll back the hotfix on Windows, double-click the `silentInstallHotFix.bat`.

   If you apply a hotfix, the installer copies the Informatica files to the installation directory. If you roll back a hotfix, the installer removes the last hotfix and restores the previous version of Informatica.
9. Verify that the hotfix or rollback completed successfully.
10. Complete the post-installation tasks.

Post-Installation Tasks

Complete the post-installation tasks after you apply a hotfix:

- If you use operating system profiles on UNIX, reconfigure pmimpprocess in the following directory: `<Informatica installation directory>\server\bin` on every node where the PowerCenter Integration Service runs. pmimpprocess is a tool that the DTM process, command tasks, and parameter files use to switch between operating system users.
- If you are upgrading PowerCenter, you must register the plug-in for PowerExchange for Hadoop again. Use the Administrator tool or the `pmrep` RegisterPlugin command to register the plug-in.
- If you use Metadata Manager, perform the following tasks:
  1. In the Administrator tool, disable the Metadata Manager Service.
  2. Upgrade the Metadata Manager Service. To upgrade a service in the Administrator tool, click **Manage** > **Upgrade** in the header area.
  3. Enable the Metadata Manager Service.
  4. Uninstall and reinstall each Metadata Manager Agent. For information about installing the Metadata Manager Agent, see the *Metadata Manager Administrator Guide*.
  5. Purge and reload the PowerCenter resource.
  6. Verify Load privileges and permissions for Metadata Manager users. To view, load, or manage a resource on the **Load** tab, users must have both the appropriate Metadata Manager Service privilege and read or write permission on the resource.
  7. If a secure connection is configured for the Metadata Manager web application, verify the truststore file for the mmcmd, rmucmd, and mmRepoCmd command line programs.
  8. Regenerate the plug-in for each universal resource. After you regenerate the plug-ins, copy them to the Metadata Manager Service plug-ins directory, and then recycle the Metadata Manager Service.

10.2 HotFix 1 Fixed Limitations and Closed Enhancements

Administrator Tool Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
PLAT-21414	The Administrator tool fails to start correctly because of a duplicate 'org.apache.commons.logging.Log' file.
PLAT-21124	Double login appears in the Administrator tool.
PLAT-21087	The Scheduler Service does not adjust to Daylight Savings Time.

Bug	Description
PLAT-21086	The Administrator tool fails to start correctly because of a duplicate 'org.apache.commons.logging.Log' file.
IDQ-6721	When you create a Content Management Service, the current Data Integration Services on the domain might not appear in the service creation wizard. The issue arise when the following conditions are true: - The domain contained a node that a user deleted before you began to create the Content Management Service. - The node that the user deleted included a Data Integration Service.

The following table describes closed enhancement requests:

Bug	Description
PLAT-20098	You can disable LDAP search results paging during LDAP synchronization with the INFA_LDAP_DISABLE_PAGING property.

Application Service Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
PLAT-20519	DTM threads that process data on the Data Integration Service consume high CPU.
MRS-8	The **The Repository Service is disabling the cache for the following reason:** error appears in the Model Repository Service log file even when the **Enable Cache** option is enabled by default.
MRS-1745	In Informatica Developer, search results do not appear when you use * or ? in the **Tags separated by a comma** field.
MRS-1724	When you configure the Subversion version control system for Model Repository service and synchronize the contents, the Model repository takes more than 14 hours to complete the synchronization.
MRS-1692	Model Repository Service uses the parallel GC algorithm as the default garbage collector.
MRS-1691	Heap dumps are not generated when the Model Repository Service runs out of memory.
MRS-1676	In the Developer tool, when you open a rule, the **Persistence operation request failed** error appears in the Model Repository Service log file.
MRS-1666	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.
MRS-1462	You cannot restore or view the older versions of Model repository objects after you restore the contents of a Subversion repository to another Subversion repository.

Bug	Description
MRS-1461	After upgrade, all the existing source transformations in a mapping disappear when you fetch the older revisions of the mapping.
BDM-19257	When concurrent web services are executed after the Data Integration Service is recycled, the web service responds with a `Cannot resolve parameter bindings` error.

Big Data Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
PLAT-21302	After upgrading to 10.1.1 HotFix 1, when the mapping contains multiple Lookup transformations with the Lookup cache enabled, incorrect output appears and the Integration Service sometimes shuts down unexpectedly.
OCON-14516	A Sqoop mapping that contains an Oracle source and a Hive target writes NULL values in Decimal columns as zeroes in the target. This issue occurs if you run the Sqoop mapping on the Spark engine.
OCON-14515	If you run a Sqoop mapping on the Hive engine, the Sqoop program does not resolve the mapping parameters.
OCON-14432	If you run a Sqoop mapping to look up data from a Microsoft SQL Server database that resides in a non-default schema, the mapping fails.
OCON-14390	Sqoop mappings fail on the Spark engine and on Kerberos-enabled clusters if all of the following conditions are true: - The cluster uses ResourceManager high availability or KMS high availability. - The auth_to_local Kerberos rules map to `nobody`.
OCON-14241	Sqoop mappings that read data from Oracle take a long time to run on Azure HDInsight clusters.
BDM-19271	When you create a view for a mapping that has sources with an SQL override, the fields are misaligned.
BDM-19269	When mappings run on the Hive engine, the connection to the Hadoop cluster intermittently fails if the cluster uses Kerberos authentication.
BDM-19264	The option to truncate external partitioned Hive targets is not supported in BDM 10.1.1.
BDM-19138	When running column profiling on Blaze, the mapping fails with an error like: "Invalid mapping... <target name> has [<x>] partition(s), but it must have [<y>] partition(s) … mismatch between sorter and source."
BDM-19005	When you run a mapping that uses a complex file reader on the Spark engine, a memory leak causes increasing CPU usage on the Data Integration Service.
BDM-18992	Concurrent mappings that are generated at the same millisecond have same log file names with .log and .log.1 extension.

Bug	Description
BDM-18990	When you create a view for a mapping that has sources with an SQL override, the fields are misaligned.
BDM-18988	Validating a mapping to run on the Hive or Spark engine does not resolve dynamic ports for an Update Strategy transformation.
BDM-18987	When you use Lookup in a mapping, the Integration Service shuts down intermittently with an assert in lkupcmgr.cpp (line # 322).
BDM-18984	The Spark engine converts leap year dates incorrectly when the date appears in the format MM-DD-YYY. For example, the Spark engine converts 02-29-2016 to 03-01-2016.
BDM-18976	The Hive engine truncates trailing zeroes in decimals if the original scale of the decimal is greater than the number of fractional digits in the data.
BDM-18975	Unable to output the complete list of files extracted to local data nodes during installation.
BDM-18974	The Spark engine fails to generate an execution plan to create a partitioned Hive table using a custom DDL query.
BDM-18971	When the Hive engine calculates an expression that uses decimal data types, the return value of the expression might be incorrect if the expression contains a function that honors precision and scale when evaluating arguments such as TO_CHAR or CAST.
BDM-18969	When you validate an constant operand to a NULL expression in the Aggregator transformation, the validation fails with an error.
BDM-18963	After an upgrade, mappings with a parameterized HDFS connection fail with a connection validation error.
BDM-18959	A mapping fails on the Spark engine in an SSL-enabled cluster if the mapping contains a Hive table that uses an HBase storage handler.
BDM-18819	A mapping that runs on the Spark 2.0x engine succeeds with a Java thread exception.

Business Glossary Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
BG-1881	The exported file displays incorrect term data when you export a glossary that contains HTML tags.
BG-1880	You cannot add rich texts values, such as a new line, space, or tab in the description field of a glossary asset.
BG-1827	You cannot delete the custom property values of data type integer and boolean.
BG-1815	Informatica domain log file incorrectly displays a few Analyst Service error log messages.

Bug	Description
BG-1768	When you export a glossary with business term that contain more than 1000 related terms, the exported file does not display all the related terms.
BG-1739	Informatica domain shuts down unexpectedly with an out of memory error when multiple users log in and perform any operation in the Analyst Tool.
BG-1738	An error occurs when you clear the rich text value from the custom property field.
BG-1737	Analyst tool take a long time to create a revision of a business term.
BG-1736	In version 10.1, the Analyst tool displays duplicate entries of published terms.
BG-1735	After you add privileges to the users and groups, the Analyst tool does not display the privileges added to the users and groups in the **Users and Groups** section of the Glossary Security page.
BG-1733	After you upgrade the Analyst Service to version 10.1.1 HotFix 1, you cannot perform an import job while another import job is in progress.
BG-1732	An out of memory error occurs if a user without administrative privileges tries to search for a term in the Analyst tool.
BG-1731	Sometimes, the Business Glossary Desktop client tool stops responding and shuts down unexpectedly.
BG-1730	Sometimes, the following error occurs when you search and edit a business glossary asset: `The asset is currently open for editing by the user," Administrator". You cannot edit the asset properties until the user saves the changes.`
BG-1729	When you propose a term for a review, the Analyst tool displays an incorrect host name in the email notification. This issue occurs when the host name is picked up from the `/etc/hosts` file.
BG-1728	After you upgrade the Analyst Service from version 9.5.1 HotFix 2 to version 10.2, the Analyst Service stops responding for a while and the following error message appears: `An error occured in the underlying transport layer [[JSF_0002]] Unable to connect to service [Domain Service] as it is not active.`
BG-1727	Analyst tool does not display the audit history of rich text fields in the term, category, policy, and business initiative view.
BG-1726	In version 10.2, you cannot change the name of the property in the business term template.
BG-1725	An error occurs when you view comments for a business term.
BG-1724	In version 10.2, the Analyst tool does not display rules and policies that are associated with the business terms.
BG-1701	In version 10.1.1 HotFix 1, the **Pin to Taskbar** option is not available in Business Glossary Desktop.
BG-1696	In version 10.1.1 HotFix 1, Business Glossary Desktop does not immediately start after you start the machine.
BG-1693	The link between a business glossary term and rule breaks after you create a revision of the term.
BG-1277	In version 10.1, you can open multiple instances of the Business Glossary Desktop client on a Windows machine.

Command Line Programs Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
PLAT-21525	Nodes might hang and jobs might fail due to high CPU usage when running jobs from the command line.
PLAT-20719	Nodes might hang and jobs might fail due to high CPU usage when running jobs from the command line.
BDM-13215	When the same profile object with the same control file is exported using infacmd oie exportObjects from the Developer tool client and Informatica server, the Developer tool client lists the object type as Profile while Informatica server lists the object type as Enterprise Discovery.

Data Transformation Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
CCON-9880	A mapping with hierarchical to relational connectors are failing when constructing requests or parsing a response.
B2BT-374	A mapping that contains a Data Processor transformation connected to a complex file writer with custom output might fail when the transformation receives no input.
B2BT-289	There are discrepancies when handling input null values in a mapping with a Data Processor transformation and a PowerCenter mapping containing an Unstructured Data Transformation.
B2BT-261, B2BT-172	A Data Processor transformation fails with the following error, despite there being no primary key in the parent row that is null, and the input being properly sorted: `[ERROR] There are [x] rows in group [x] that are not in the output xml. Verify that the data is sorted correctly if the input is sorted. Verify that a primary key in the parent row is not NULL..`
B2BT-176	A Data Processor transformations removes a sequence with an empty optional `xs:choice`. The .xsd schema file contains a choice `c` of two elements, that is, element `a` and sequence `s1` with two optional choices `c1` and `c2`.

Developer Tool Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
OCON-8564	If you use a Teradata ODBC connection and filter a schema while accessing a Teradata relational object from the Developer Tool, an access error occurs.
OCON-14446	If you use a nested custom query in a relational data object to read decimal data of precision 38, the data preview fails.
OCON-14168	Dynamic mappings that contain multiple relational sources or relational targets fail randomly.
OCON-13456	When you use bulk load to write to an Oracle database, special characters appear in the target CLOB column even when the source column is empty.
OCON-11022	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.

Domain Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

The following table describes fixed limitations:

Bug	Description
PLAT-21436	For connections established for more than 10 minutes, excessive log messages are observed in the domain log.
PLAT-20100	When you purge a domain that contains a large number of files that must be purged, the domain becomes unavailable due to a lack of heap memory.

The following table describes closed enhancement requests:

Bug	Description
PLAT-20743	When java.lang.Error occurs at JSF service during an RMI call, node process does not shutdown.

Exception Management Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
IDQ-6172	During exception management in the Analyst tool, you cannot update the preferred record in a duplicate cluster with an empty cell in another record.

Informatica Connector Toolkit Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
OCON-10257	On Linux, when you test the read or write operation, the test fails with the following error message: `java.lang.UnsatisfiedLinkError`

Mappings and Workflows Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
MWF-1607	If an Exclusive gateway has multiple incoming default sequence flows, the workflow can process data on each sequence flow.
MWF-1601	If you set a link condition on the output from a Mapping task to True, the workflow fails after the Mapping task runs.
MWF-1583	When you bind the taskStatus output to an integer variable, a workflow task returns a taskStatus value of 0 regardless of the success or failure of the task.
MWF-1571	A workflow terminates when it tries to parse a system variable date.
MWF-1501	You can configure multiple sequence flows with the same name between two gateways in a workflow.
MWF-1494	If you run multiple concurrent workflows with Mapping tasks continuously over 24 hours in a hadoop environment, the Data Integration Service spawns an excessive number of threads and eventually stops.

Metadata Manager Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
MM-3615	When you configure a business glossary resource, the test connection fails if you enter the alias of the Analyst tool node as the hostname and the Analyst tool URL contains HTTPS.
MM-3437	In the **Browse** tab, the list view table count does not match the tree view table count for IBM DB2, Oracle, Teradata, and Netezza resources.
MM-3431	When you click the **View in Informatica Analyst** option for a business glossary resource, the link redirects to a blank page if the glossary object name contains the '&' character.
MM-3418	The **Incremental load** option appears for Sybase, Informix, and IBM DB2 resource.
MM-3391	Schedule name is not updated when the following conditions are true: 1. You attach a schedule to a resource. 2. You export the resource. 3. In the resource configuration file, you change the schedule name to an existing schedule name in the Metadata Manager warehouse. 4. You import the resource configuration file into the Metadata Manager warehouse.
MM-3374	When you export lineage to a Microsoft Excel file, the **(java.lang.IllegalArgumentException: Invalid row number....** error appears.
MM-3363	Sometimes, when you perform lineage, Metadata Manager consumes more than 20 GB of memory during lineage operation.
MM-3362	During purging of resources, if the purge operation fails for a resource, then Metadata Manager resumes to purge all the resources.
MM-3354	When you import a resource configuration into the target repository, the import fails if the description of the file contains special characters.
MM-3349	Sometimes, when you run a PowerCenter resource, the **Error- ORA-01489: result of string concatenation is too long** error appears.
MM-3323	When you upload a parameter file to a PowerCenter resource and load the resource, Metadata Manager stops responding.
MM-3321	When you load a business glossary resource with enumerated links file, the links are not migrated to the Analyst tool.
MM-3297	When you set the **-Xmx** option as 6144m and enable Metadata Manager, the Metadata Manager tool consumes 16 to 20 GB of physical memory immediately.
MM-3291	Metadata Manager Service uses the parallel GC algorithm as default garbage collector.
MM-3283	When you load a resource that uses the Metadata Manager Agent, the following error appears: **JTX_1114 [ERROR] Failed to load class [org.apache.commons.httpclient.HttpMethod]: [org.apache.commons.httpclient.HttpMethod]**
MM-3248	When you want to view the permission details for the resources, you need to click each resource to view the resource permission details.

Bug	Description
MM-3236	The impact summary of a source table does not display the target table when the following conditions are true: 1. You create a PowerCenter mapping with Table A as source and Table B as target with session and workflow. 2. You upload Table A to a PowerCenter resource and Table B to an Oracle resource. 3. You load and link the objects in the resources.
MM-3146	When you load a business glossary resource, asset linking fails if the resource has more than 65,000 links.
MM-3132	When you load a business glossary resource with enumerated links that exceed 15,000 links, the load takes more than 4 hours to complete.
MM-3129	Exceptions appear in the log files and linking fails when the following conditions are true: 1. You create and load a business glossary resource. 2. You upload an enumerated file to the resource. 3. You use the **Resource Link Administration** window to create the links for the resource. 4. You modify the enumerated file to add more links and reload the resource.
MM-2791	When you set the SEQ_NO field as decimal (3) in the IMC_PROPERTIES table, an error appears in the log file during asset linking.
MM-2311	Metadata Manager does not load an Informatica Platform resource when the mapping has look up reference tables.
MM-1079	Lineage does not appear between a Microsoft SQL Server table and PowerCenter resource when the user name of the table is parameterised.

PowerCenter Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
OCON-12405	The CLOB data output value returned by a Stored Procedure transformation is incorrect.
OCON-12182	If you use an ODBC connection to read data from Microsoft SQL Server and the bulk load option is enabled in the Microsoft SQL Server data source name, the session fails.
CORE-6281	When you do not specify the UserNameSpace tag when requested from the third-party tools, the SOAP request fails.
CORE-6280	When the DTM returns a SOAP response to the Web Services Hub, the Web Services Hub sometimes fails to read the data.
CORE-6279	The workflow run delays by around 8 seconds.
CORE-6278	Failed to run more than 50 real-time web service workflows at a time.
CORE-6210	In the batch web services WSDL, the workflow status of initializing does not appear.

Profiles and Scorecards Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
IDE-3346	Rule description in a column profile supports only 201 characters.
IDE-3334	In Informatica Developer, when you create a column profile on a source that has more than 399 columns and you select or clear a column in the profile wizard, the Developer tool stops responding.
IDE-3326	When an operating system profile user runs a column profile, the profile run fails if the **Use the Logged in User as Hadoop Impersonation User** property for the operating system profile user is set to true.
IDE-3277	Column profile with data domain discovery fails for a flat file that has more than one million rows.
IDE-3276	When you run the profiles and scorecards or export the profile results, the profiles and scorecards use the temporary folder for the Data Integration Service instead of the temporary folder that is specified for the operating system profile.
IDE-3260	When you run a large number of concurrent profiles on a Data Integration Service that has an operating system profile, running a column profile takes a long time to complete.
IDE-3208	When you create a column profile on a Microsoft SQL Server data object and choose the Random sampling option, the profile runs on all the rows in the source.
IDE-3153	When you create a logical data object on a Netezza source and run a column profile on the logical data object, the **FnName: Prepare - ERROR: Number of projected columns > 1600** error appears.

Reference Data Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
IDQ-6746	You cannot import an unmanaged reference table to a Model repository when the following conditions are true: - You created the reference table in the Analyst tool. - The source table is present in the target database. - The binding connection points to another database.

Security Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
IDQ-7055	JMX settings on the Content Management Service might expose security vulnerabilities such as CWE 78 and CWE 215.
BDM-18953	Mappings fail when the mappings run longer than the Kerberos ticket expiration time on a Kerberos-enabled Hadoop cluster.

The following table describes closed enhancement requests:

Bug	Description
PLAT-20934	The domain log contains details on user lock out operations.

Transformations Fixed Limitations and Closed Enhancements (10.2 HotFix 1)

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

The following table describes fixed limitations:

Bug	Description
PLAT-21315	When the Data Integration Service runs concurrent mappings on a grid, the Sequence Generator transformation cannot retrieve the next value.
IDQ-7129	If you run a mapping with an Address Validator transformation that you configure for single-line address validation, the mapping returns incorrect results for the addresses.
IDQ-6962	If you configure an identity match strategy on a Comparison transformation before you connect the input ports to the strategy, the transformation generates an error when you run the mapping or preview the data.
IDQ-6933	If the Address Validator transformation reads a United States address that includes a character space between the digits in the house number, the mapping that contains the transformation stops unexpectedly.
IDQ-6726	If you set the Partitionable property on a Decision transformation before you configure the transformation strategies, the Partitionable property does not persist when you save the transformation.
IDQ-6719	If you run multiple identity match mappings concurrently through web services, the Data Transformation Manager (DTM) might fail to open the identity population data files.
IDQ-6717	An Informatica upgrade fails if the pre-upgrade Model repository contains a Match transformation that is corrupted.
IDQ-6708	When you run an address validation mapping that populates a CASS certification report, the report might not specify the number of lists that the report describes.
IDQ-6707	When you run an address validation mapping that populates a CASS certification report, the report specifies incorrect ending dates for the validation periods on the report.

Bug	Description
IDQ-6706	When you run an address validation mapping that populates a CASS certification report, the report might not specify correctly number of addresses that do not match the LACSLink reference data.
IDQ-6705	When you run an address validation mapping that populates a CASS certification report, some eLOT values are absent from the report.
IDQ-5948	If you configure a Match transfromation to write identity index keys to a database, the index creation process does not accept some key types as valid. The key types include Telephone_Number, VIN, and ISBN.
BDM-18744	Data preview hangs when you preview a Joiner transformation that is connected to an upstream logical data object.

10.2 HotFix 1 Known Limitations

Application Service Known Limitations (10.2 HotFix 1)

The following table describes known limitations:

Bug	Description
OCON-14730	Even though the target session properties display the **Create or replace table at run time** field, the Data Integration Service ignores this value for the following objects: - Amazon Redshift - Amazon S3 - Complex File - Greenplum - HBase - JD Edwards EnterpriseOne - LDAP - Microsoft Azure Blob Storage - Microsoft Azure Data Lake Store - Microsoft Azure SQL Data Warehouse - Microsoft Dynamics CRM - Salesforce - SAP BW Load - Tableau
OCON-14675	If you configure writer partitioning for IBM DB2 database versions 11.x and later, and the DB2 database and Informatica Services are installed on different platforms, the Integration Service distributes records unevenly across the DB2 database partition nodes and the performance of the session decreases.
MRS-1728	When two Model Repository Services have the same version control configuration, an error appears when you recycle the services but the services remain available.

Bug	Description
BDM-19611	The JMX server's use of random selection for its listening port results in a vulnerability. When the JMX server starts, it randomly chooses a port to listen for requests, and re-chooses a random port whenever the domain restarts. Because of this, administrators cannot know the port in advance, and must apply security measures manually each time the domain restarts. Workaround: To address this issue, use a utility such as netstat to identify the open ports, and then apply security measures, such as instituting an IP address filter. **Note:** You must repeat this process each time the node process or service process restart.
BDM-19090	The Data Integration Service hangs when the service runs concurrent SQL data service mappings.

Business Glossary Known Limitations (10.2 HotFix 1)

The following table describes known limitations:

Bug	Description
BG-1851	The glossary export fails when the following conditions are true: 1. Create a glossary with multiple categories and terms within the categories. 2. From the Library workspace, select the glossary that you want to export. 3. Select the **Include Audit History** option in the **Specify Settings** page of the export wizard. 4. Select a single category from the list of categories in the **Select Assets** page of the export wizard. Workaround: Select all the categories during the export process.
BG-1828	You cannot add images to the rich text fields in the Analyst tool if you use Google Chrome and Microsoft Edge Browser. This issue occurs because of the Content Security Policy headers enforced by the Informatica security team. Workaround: 1. Navigate to `INFA_HOME/services/AnalystService`. 2. Create a folder for the image that you want to add to the Analyst tool. 3. Save the image in the folder. Make sure that the name of the image does not contain any space. 4. Open Google Chrome or Microsoft Edge browser. 5. Enter the Analyst tool URL. Example, `<AT Host>:<AT Port>/Folder Name/Image Name` 6. Copy the image from the URL. 7. Add the image to the rich text field in the Analyst tool.
BG-1810	The glossary export fails when the following conditions are true: 1. Create a glossary with at least two categories. 2. Create terms within the two categories. 3. Create a few terms without any category. 4. From the Library workspace, select the glossary that you want to export. 5. Select the **Uncategorized Assets** option in the **Select Assets** page of the export wizard. Workaround: Select all the categories during the export process.
BG-1801	The search results count in Business Glossary Desktop does not match the search results count in the Analyst tool. This issue occurs when there are more than 500 search results.

Bug	Description
BG-1757	In the **Add Privileges and Roles** wizard, you cannot search for a glossary name that contains the ampersand symbol (&). For example, glossary name called Systems & Products. Workaround: Use **&** instead of the ampersand symbol (&) to search for the glossary. For example, Systems &Products.
BG-1516	In the **Related Assets** section of the business term view, you cannot sort the properties, such as the data assets, rule assets, and profiles.

Data Transformation Known Limitations (10.2 HotFix 1)

The following table describes known limitations:

Bug	Description
CM-7848	Cannot export a mapping with a mapplet that contains a Data Processor transformation.

Informatica Connector Toolkit Known Limitations (10.2 HotFix 1)

The following table describes known limitations:

Bug	Description
OCON-14607	When you create a PowerCenter adapter by using Informatica Connector Toolkit, the special characters that appears in the source column name continue to appear when you import the column in the PowerCenter Designer and the mapping fails.
OCON-13507	When you configure a filter condition to parameterize a field that is not of the String data type, the following error message appears: `Enter a value of data type : Integer`
OCON-12759	If you create a PowerCenter adapter by using Informatica Connector Toolkit and re-import a source object, the business name of the object is not visible in the PowerCenter Designer.

Metadata Manager Known Limitations (10.2 HotFix 1)

The following table describes known limitations:

Bug	Description
MM-3658	When Metadata Manager uses SAML authentication, an error appears when you create a business glossary resource with LDAP username and password.
MM-3640	Lineage does not appear between a Microsoft SQL Server Reporting Services resource and Microsoft SQL Server Analysis Services resource if the Microsoft SQL Server Analysis Services resource uses shared data sets.

Bug	Description
MM-3611	Lineage does not appear between a Microsoft SQL Server Reporting Services resource and Microsoft SQL Server Analysis Services resource for columns with the **Measure** option in tabular and multi-dimension models.
MM-3430	The **Cannot find the <object> in the catalog** error appears when the following conditions are true: 1. You create a Microsoft SQL Server resource. The resource contains one or more table names and foreign key constraint names with special characters. 2. You load the resource. 3. In the **Browse** > **Catalog** view, you navigate to the SQLServer Foreign class and select a Foreign Key constraint. 4. In the **Related Catalog Objects** section, you click the object name.
MM-3420	The business glossary user account is locked when the following conditions are true: 1. In Informatica Administrator, you enable the account lockout configuration for native users or you have imported LDAP users for whom lockout policies are imposed. 2. In Metadata Manager, you perform an action on the business glossary resource for which an authentication is required. For example, you upload or remove enumerated files for the business glossary resource, or you perform a reload of the business glossary resource.
MM-3399	The business term link is not removed in the Analyst tool when the following conditions are true: 1. You delete a column in an Oracle resource that is linked to the business term. 2. In Metadata Manager, you reload the Oracle resource.
MM-3397	Columns in a synonym do not appear when the following conditions are true: 1. You load an Oracle resource that contains a table after you enable the **Incremental load** configuration property. 2. You create a synonym for the table. 3. You reload the resource.
MM-3396	Links between an Oracle resource and business glossary resource are not deleted in Metadata Manager and Analyst tool when the following conditions are true: 1. In Metadata Manager, you load an Oracle resource that has a column name same as a business term. 2. You upload a rule-based links file to the business glossary resource that contains the business term and load the resource. 3. You remove the rule-based links file in the business glossary resource and reload the resource .

Profiles and Scorecards Known Limitations (10.2 HotFix 1)

The following table describes known limitations:

Bug	Description
IDE-3335	When you run a column profile with a Data Integration Service that runs on a grid, the **Export All** option to export profile results does not work as expected. The export fails when you choose the **Export All** option in Informatica Analyst and no values appear in the exported file when you choose **Export All** option in Informatica Developer.
IDE-3285	When you run a column profile with data domain discovery to discover the Canada_SIN data domain in a table that has more than 400 columns, the profile runs for more than three hours and the log file size exceeds 4.6 GB in size.

Third-Party Known Limitations (10.2 HotFix 1)

The following table describes third-party known limitations:

Bug	Description
OCON-14861	When you use NTLM authentication for a Microsoft SQL Server connection to connect to Microsoft SQL Server 2017 hosted on Linux, the connection fails with the following error: `Login failed. The login is from an untrusted domain and cannot be used with Integrated authentication.` DataDirect ticket reference number: 00448019
OCON-14398	When you use the Microsoft SQL Server connection to write large volumes of data to Microsoft Azure SQL Database in bulk mode, the session performance slows down. DataDirect ticket reference number: 00421602
OCON-14392	When you enable the truncate table, pre-SQL, or post-SQL property for a mapping that uses the Teradata ODBC connection, the mapping fails. Teradata ticket reference number: RECHNRMNS
OCON-14368	When you run a Teradata mapping enabled for pushdown optimization and the Timestamp data type contains null values, the session fails. This error occurs when the Teradata ODBC driver version is 16.20. Workaround: Use Teradata ODBC driver version 15.10.x. Teradata ticket reference number: RECHNNKXC
OCON-14296	When you use the Microsoft SQL Server connection and configure multiple partitions to write large volumes of data to Microsoft Azure SQL Database, the session performance slows down. Microsoft ticket reference number: 118062518450002
OCON-14005	When you use a Teradata ODBC connection to read data from Teradata, the Integration Service reads Char and Varchar data types as NULL. DataDirect ticket reference number: 00447166
OCON-14004	When you use the Teradata ODBC connection to read data of the Timestamp data type from Teradata, the following error occurs: `FnName: Fetch Optimize - [Teradata][ODBC] (11310) SQL C type not supported.]` DataDirect ticket reference number: 00450827
BDM-18805	When you try to drag and drop virtual table which has the date field in Tableau, the following error shows up: `[[SQLMAPGEN_10004] The SQL Service Module encountered the following error while parsing the SQL statement: [Syntax error: Encountered "TRUNCATE" at line 1, column 17.].].`

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 infacmd.sh ListServiceOptions 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: `"IMF_1026 : [IMF_1026] Any getter or setter method cannot be accessed on a proxy object."` - After you synchronize a mapping specification source data object, you cannot map new columns to a target in the mapping specification.

Bug	Description
PLAT-15875	When you try to edit a glossary in the Library workspace, the Analyst tool displays the following error: `"The asset is currently open for editing by the user, "Administrator". You cannot edit the asset properties until the user saves the changes."`
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: `"An error occurred on the server with the following timestamp…. Check the analyst service logs".`
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.

Bug	Description
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.
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: `[ICMD_10033] Command [runmapping] failed with error [com.informatica.ds.ms.service.MonitorHelper.purgeStatistics(MonitorHelper.java:125)` (441281)
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.

Bug	Description
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.

Bug	Description
OCON-7073	When you run a Sqoop mapping on a Cloudera cluster that uses Kerberos authentication, you must manually configure mapreduce properties in the `yarn-site.xml` 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)
OCON-1216	When you use Sqoop and the first mapper task fails, the subsequent mapper tasks fail with the following error message: `File already exists` (456884)
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.

Bug	Description
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.
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.

Bug	Description
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.
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 hadoop.kms.proxyuser.<SPN_user>.groups and hadoop.kms.proxyuser.<SPN_USER>.hosts 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 `A=NULL or B=C` 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 core-site.xml, 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 mapplets properly. It might also cause mapplets 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.

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

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 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: `SEVERE: Error loading factory org.apache.calcite.jdbc.CalciteJdbc41Factory java.lang.NoClassDefFoundError:`

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.
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.
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 &amp.
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.

Bug	Description
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: `LoaderThread] ERROR TaskHandler - An error occurred in LineageGraphInternalLinksCreationTaskHandler: com.orientechnologies.orient.core.exception.ODatabaseException: Error on saving record #<number>` Workaround: Add the following properties to the imm.properties file and specify property values that are less than the default values: - Lineage. PreCompute.ElementsInSingleTransaction. Default is 50,000. - Lineage. PreCompute.FetchBlockSize. Default is 5000. (441925)
MM-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 `infacmd ipc genReuseReportFromPC` 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.

Bug	Description
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: `[ERROR] [Teradata][ODBC Teradata Driver][Teradata Database] The UserId, Password or Account is invalid.`
CORE-4946	The sender of on Success or Failure email cannot be overwritten with the $user environment variable in SUSE 11.
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.
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

Bug	Description
BDM-5217	When you test an HDFS connection to the HDInsight cluster from the Developer tool, the test connection fails with the following error: `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`
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.

Bug	Description
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

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 pcclientsmartuser that run on a Windows network using two-factor authentication, the mapping specification export fails. Workaround: Export the mapping specification to PowerCenter Repository using INFAKRB.INFADEV.COM (460405)

Application Service Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
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.
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-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)

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-7687	If you export data through Sqoop and the columns contain mixed case characters, the mapping fails.
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 `hdp-connector-for-teradata-1.5.1.2.5.0.0-1245-distro.tar.gz` JAR. Workaround: Use the `hdp-connector-for-teradata-1.4.1.2.3.2.0-2950-distro.tar.gz` JAR.

Bug	Description
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-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.
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.
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-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}].`
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.

Bug	Description
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: `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], ...` 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 `/usr/lib/python2.7/dist-packages/hdinsight_common` directory on the machine that runs the Data Integration Service: - key_decryption_cert.prv - decrypt.sh
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-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-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: `FAILED: ParseException line <line number> Failed to recognize predicate '<reserved keyword>'. Failed rule: 'identifier' in expression specification` Workaround: Create the following user-defined property in the hive-site.xml configuration set in the cluster configuration: `hive.support.sql11.reserved.keywords=false`
BDM-10897	When you create or import type definition libraries using JSON objects with key names that have the dot operator (.), the following validation error occurs: `Evaluation failed and was not completed. Check the Developer tool logs for details.`
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-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-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 `core-site.xml` property on all EMR instances in the clusters: - com.hadoop.compression.lzo.LzoCodec - com.hadoop.compression.lzo.LzopCodec Add the following values: - org.apache.hadoop.io.compress.GzipCodec - org.apache.hadoop.io.compress.DefaultCodec - org.apache.hadoop.io.compress.BZip2Codec - org.apache.hadoop.io.compress.SnappyCodec In addition, remove the `io.compression.codecs` 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 to accumulation mode with the following **Output Control** settings: **Binary output port collection > Collect input rows to a single output set**. For a JSON to hierarchical transformation, if you change the output port to binary, the output will be multiple JSON data sets, with each set on a separate line.
CM-7823	The Data Processor transformation can show 100,002 markings by default in the Data Viewer. Workaround: To show all markings, create the environment variable `IFCM_MAX_MARKINGS` and set it equal to `TRUE`.
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-17799	You cannot preview flat file data if the flat file uses a four-byte UTF-8 format.
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-14673	When you create an Oracle connection with a case-sensitive user name, the Developer tool does not display the default schema. (421946)
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.
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].

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: `Failed to get records`
IIS-1121	When you run applications on a MapR cluster, failover does not happen and the following error occurs: `ERROR StreamsListener fs/client/marlin/cc/listener/listenerimpl.cc:699 Thread: 26778 Seek called on unsubscribed partitions`
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: `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.` Workaround: Run the mappings one after the other.

Bug	Description
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)
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)
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.

Profiles and Scorecards Known Limitations (10.2)

The following table describes known limitations:

Bug	Description
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.

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" ("USERNAME AND/OR PASSWORD INVALID"). SQLSTATE=08001` Workaround: Verify that the IBM DB2 database user name and password is less than eight characters. (410437)

Bug	Description
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.
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-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

Bug	Description
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

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:
	`<property>`
	`<name>mapreduce.jobhistory.address</name>`
	`<value><Host_Name>:10020</value>`
	`</property>`

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-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

Bug	Description
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
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: `[org.apache.hadoop.security.AccessControlException: User impUser3(user id 2002) does not have access` 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 `hive.metastore.sasl.enabled` property is set to true in the `hive-site.xml` 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 HotFix 1

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.2 HotFix 1. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.2 HotFix 1, see the following Informatica Knowledge Base article: https://kb.informatica.com/faq/7/Pages/21/535071.aspx. This article also includes a list of EBFs that were merged into version 10.2.

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