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Preface

Read the *Informatica® Release Notes* to learn about known limitations and fixes associated with version 10.5.2. The Release Notes also include information about upgrade paths, EBFs, and limited support, such as technical preview or deferments.

Apache Log4j RCE Vulnerabilities

Informatica 10.5.2 has adopted Log4j library version 2.17.1.

Informatica bundles third-party libraries containing Log4j 1.x on all nodes in the domain and on all Developer tool machines. Not all third parties have remediated this issue, and Informatica is working with the vendors to resolve them. Informatica products are not exploitable or impacted by Log4j 1.x vulnerabilities that use default configurations.

Note: If you installed any products through the Informatica platform installer, your environment contains these libraries even if you don't use them.

For information about the impact due to the third-party libraries and the mitigation steps that you can take, see this Knowledge Base article: [Apache Log4j Vulnerabilities related to Distribution Vendors](#)

Support Changes

Read this section to learn about support changes in version 10.5.2.

Technical Preview

Read this section to learn about technical preview functionality that is initiated or lifted in version 10.5.2.

Technical Preview Initiated

Effective in version 10.5.2, Informatica includes the following functionality for technical preview:

V2 MetaDex scanners and Enterprise Data Catalog resources

You can extract metadata from the following V2 metadata sources and resources:

- Informatica Intelligent Cloud Services - Cloud Data Integration V2 MetaDex scanner
For more information, see the *MetaDex Scanner Configuration Guide*.
- Salesforce V2 MetaDex scanner
For more information, see the *MetaDex Scanner Configuration Guide*.
- Amazon S3 V2 resource
The resource includes implementation and performance enhancements such as custom partition detection and partition pruning.
For more information, see the *Enterprise Data Catalog Scanner Configuration Guide*.
- Azure Data Lake Storage Gen2 V2 resource.
The resource includes implementation and performance enhancements such as custom partition detection and partition pruning.
For more information, see the *Enterprise Data Catalog Scanner Configuration Guide*.

Technical preview functionality is supported for evaluation purposes but is unwarranted and is not supported in production environments or any environment that you plan to push to production. Informatica intends to include the preview functionality in an upcoming release for production use, but might choose not to in accordance with changing market or technical circumstances. For more information, contact Informatica Global Customer Support.

Technical Preview Lifted

Effective in version 10.5.2, Informatica lifted the following functionality from technical preview:

PowerExchange for Microsoft Azure Data Lake Storage Gen2

Effective in version 10.5.2, Informatica lifted the following functionality from technical preview:

- You can read objects stored in subdirectories in Microsoft Azure Data Lake Storage Gen2 in the native environment or on the Spark engine.
- You can use wildcard characters to specify the source directory name or the source file name when you read data from a flat file or complex file in the native environment or on the Spark engine.

Dropped Support

Read this section to learn what support is dropped for Enterprise Data Catalog.

Resources

Effective in version 10.5.2, Enterprise Data Catalog dropped support for the following resource versions that were lower than 10.2:

- Informatica Platform
- PowerCenter
- Informatica Data Quality

Installation and Upgrade

Read this section to learn about the installation and upgrade in version 10.5.2.

Installation and Upgrade

Informatica version 10.5.2 is a hotfix release. You can apply the hotfix to 10.5 or 10.5.1, or you can upgrade from a supported release. You can run the Informatica installer to install 10.5.2 product installation binaries if they are not present in the machine where you run the installer.

Informatica version 10.5.2 supports PowerCenter, Informatica Data Quality, Data Engineering products, Catalog products, Data Privacy Management, and Test Data Management products as part of the unified installer. Test Data Management and Data Privacy Management require an upgrade of services in addition to applying the hotfix.

The instructions to apply the hotfix are the same for all the products, but the pre- and post-requisites are different for the products other than Data Engineering products, Data Quality, and PowerCenter. Refer to those individual upgrade guides for information.

Upgrade Paths

The upgrade paths that you take depend on the products that you upgrade. If you are on a version that does not support a direct upgrade, you must first upgrade to a supported version.

The following table lists the upgrade paths for each product that the installer supports.

Product	Versions
PowerCenter	<p>You can apply the 10.5.2 hotfix to version 10.5 and 10.5.1 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.2 from the following previous versions:</p> <ul style="list-style-type: none">- 10.2 including any hotfix, service pack, or cumulative patch- 10.4 including any service pack or cumulative patch- 10.4.1 including any service pack or cumulative patch
Informatica Data Quality	<p>You can upgrade to version 10.5.2 from the following previous versions:</p> <ul style="list-style-type: none">- 10.2 including any hotfix, service pack, or cumulative patch- 10.4 including any service pack or cumulative patch- 10.4.1 including any service pack or cumulative patch
Data Engineering Integration Data Engineering Quality	<p>You can apply the 10.5.2 hotfix to version 10.5 and 10.5.1 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.2 from the following previous versions:</p> <ul style="list-style-type: none">- 10.2 including any hotfix, service pack, or cumulative patch- 10.2.1 including any hotfix, service pack, or cumulative patch- 10.2.2 including any hotfix, service pack, or cumulative patch- 10.4 including any service pack or cumulative patch- 10.4.1 including any service pack or cumulative patch <p>Important: If Data Engineering is in the same domain as any other product supported by the Informatica installer, verify that all products are upgraded to the same supported upgrade version before you upgrade to 10.5.2.</p>
Data Engineering Streaming	<p>You can apply the 10.5.2 hotfix to version 10.5 and 10.5.1 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.2 from the following previous versions:</p> <ul style="list-style-type: none">- 10.2.2 including any hotfix, service pack, or cumulative patch- 10.4 including any service pack or cumulative patch- 10.4.1 including any service pack or cumulative patch
Data Privacy Management	<p>You can apply the 10.5.2 hotfix to version 10.5 and 10.5.1 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.2 from version 10.4.1.x including any cumulative patch.</p> <p>Important: If Data Engineering, Enterprise Data Catalog, and Data Privacy Management are in the same domain of a version earlier than 10.4.1.x, upgrade them all to version 10.4.1.x before you upgrade to 10.5.2.</p>
Enterprise Data Catalog	<p>You can apply the 10.5.2 hotfix to version 10.5 and version 10.5.1 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.2 from the following previous versions:</p> <ul style="list-style-type: none">- 10.4 including any service pack or cumulative patch- 10.4.1 including any service pack or cumulative patch <p>Important: If Enterprise Data Catalog and Data Engineering are in the same domain of a version earlier than 10.4, upgrade them both to version 10.4 or 10.4.1 before you upgrade to 10.5.2.</p>

Product	Versions
Enterprise Data Preparation	<p>You can apply the 10.5.2 hotfix to version 10.5 and 10.5.1 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.2 from the following previous versions:</p> <ul style="list-style-type: none"> - 10.4 including any service pack or cumulative patch - 10.4.1 including any service pack or cumulative patch <p>Important: If Data Engineering, Enterprise Data Catalog, and Enterprise Data Preparation are in the same domain of a version earlier than 10.4, upgrade them all to version 10.4 or 10.4.1 before you upgrade to 10.5.2.</p>
Test Data Management	<p>You can apply the 10.5.2 hotfix to upgrade from version 10.5 or 10.5.1 including any service pack or cumulative patch.</p>

Hotfix Installation and Rollback

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

Informatica provide installers to apply hotfixes to the Informatica services and clients.

To apply or roll back the Informatica hotfix on PowerCenter or Data Engineering Integration installer, perform the following steps:

1. Complete the preliminary tasks. Before you apply or rollback the hotfix, ensure that you shut down the domain. For a multi-node configuration, you also need to shut down all the nodes.
2. Apply or roll back the hotfix to the Informatica services in graphical, console, or silent mode.
3. Complete the final tasks for the Informatica services. After you install the server components, start the domain on the gateway node.
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.

Before You Apply or Roll Back the HotFix

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

1. Download the hotfix package for your platform.
2. Unzip or untar the contents of the hotfix 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.

3. Stop all processes that access the installation directory and subdirectories, including command prompts and command line programs.
4. Close the Informatica clients on all machines where you want to apply or roll back the hotfix.
5. Close the Informatica directory and the subdirectories.
6. If you are applying a hotfix, back up the repository and warehouse files. Ensure that you back up the required repositories from the Administrator tool. 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
 - Data Transformation ServiceDB directory
7. Stop the Informatica services on all nodes in the domain.
8. 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`.
9. Set the `SKIP_VENDOR_CHECK` environment variable to true to remove the sudo prompt from the hotfix installation on UNIX.

Note: If you don't have sudo privileges, set the environment variable to true before you apply or roll back a hotfix. If you have sudo privileges, you don't need to set the environment variable.

Applying or Rolling Back the HotFix in Graphical Mode

When you apply the hotfix 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` as administrator from the root directory where you unzipped or untarred the hotfix package. To run the file as administrator, right-click `install.bat` and select **Run as administrator**.
4. On the Informatica 10.5.2 page, select **Apply hotfix to Informatica 10.5.1 or 10.5, or roll back the hotfix.**, and then click **Start**.
The **Installation Type** page appears.
5. Choose to apply or roll back the hotfix.
 - 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 apply or roll back the hotfix, 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, specify the installation environment, 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 hotfix and restores Informatica to the previous version.

10. Complete the post-installation tasks. Verify that the hotfix or rollback completed successfully by reviewing the log file or the **Post-Installation Summary** page.

Applying or Rolling Back the HotFix in Console Mode

When you apply the hotfix in console mode, the words Help, 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 the option to apply the hotfix to Informatica 10.5 or 10.5.1 or roll back the hotfix.
6. Choose to apply or roll back the hotfix.
 - 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.
 - Press **2** to continue.
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: @|* \$ # ! % () { } [] , ; ' .
Default is 1 for Sandbox.
 11. If you apply the hotfix, specify the environment type associated with the Informatica services installation.
 - Press **1** to set Sandbox environment for a basic environment used for proof of concept with minimal users.
 - Press **2** to set Development environment for the design environment.
 - Press **3** to set Test environment for high volume processing that is closest to a production environment.
 - Press **4** to set Production environment for high volume processing with high levels of concurrency meant for end users. Advanced production environments are typically multi-node setups.
 12. Press **Enter**.
 13. 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 hotfix and restores Informatica to the previous version.
 14. Complete the post-installation tasks. Verify that the hotfix or rollback completed successfully by reviewing the log file or the **Post-Installation Summary** page.

Applying or Rolling Back the HotFix in Silent Mode

To apply the hotfix in the 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 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. Find 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	<p>Directory for the Informatica installation on which to apply or roll back the hotfix.</p> <p>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.</p> <p>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.</p>
ENABLE_USAGE_COLLECTION	<p>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 the <i>Informatica Administrator Guide</i>.</p> <p>You must set the value to 1 to apply the hotfix.</p>
INSTALLATION_ENVIRONMENT	<p>If you apply the hotfix, specify the environment type associated with the Informatica services installation.</p> <ul style="list-style-type: none"> • Press 1 to set Sandbox environment for a basic environment used for proof of concept with minimal users. • Press 2 to set Development environment for the design environment. • Press 3 to set Test environment for high volume processing that is closest to a production environment. • Press 4 to set Production environment for high volume processing with high levels of concurrency meant for end users. Advanced production environments are typically multi-node setups. <p>Default is 1 for Sandbox.</p>

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, UNIX, or Linux.
 - To apply or roll back the hotfix on Windows, run the silentInstallHotFix.bat as administrator. To run the file as administrator, right-click the file and select **Run as administrator**.
 - To apply or roll back the hotfix on UNIX or Linux, 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. Complete the post-installation tasks. Verify that the hotfix or rollback completed successfully by reviewing the log file or the **Post-Installation Summary** page.

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 10.5.2 page, select **Apply hotfix to Informatica 10.5.1 or 10.5, or roll back the hotfix.**, 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, specify the installation environment, 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.
10. Complete the post-installation tasks. Verify that the hotfix or rollback completed successfully by reviewing the log file or the **Post-Installation Summary** page.

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:

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. Complete the post-installation tasks. Verify that the hotfix or rollback completed successfully by reviewing the log file or the **Post-Installation Summary** page.

Sample Silent Input Properties (Server)

The following example shows the contents of the SilentInput.properties file when you apply or roll back the hotfix in silent mode.

```
#####  
  
# (C) Copyright Informatica LLC 1993, 2022.  
  
# This software and documentation are provided only under a separate license  
# agreement containing restrictions on use and disclosure.  
# This software is protected by patents as detailed at https://www.informatica.com/  
# legal/patents.html  
# A current list of Informatica trademarks is available on the web at https://  
# www.informatica.com/trademarks.html  
# See the Informatica privacy policy at https://www.informatica.com/privacy-
```

policy.html

```
#####  
#####
```

```
##### Use this file (SilentInput.properties) to install Informatica services  
without user interaction.  
# Use this sample properties file to define the parameters for the silent  
installation.  
# To upgrade Informatica, use the SilentInput_upgrade.properties or  
SilentInput_upgrade_NewConfig.properties file.  
# Use the following guidelines when you edit this file:  
# Back up the file before you modify it.  
# Any error condition that causes the installation to fail, such as an installation  
directory that is not valid,  
# generates a log file in /home/<user name>. For example: /home/informatica/  
silentErrorLog.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
```

```
# The LICENSE_KEY_LOC property represents the absolute path and file name of the  
license key file.  
# Set the property if you are installing or upgrading  
Informatica.LICENSE_KEY_LOC=c:\license.key
```

```
# The USER_INSTALL_DIR property represents the directory in which to install the new  
version of Informatica.  
# Set the property if you are installing or upgrading Informatica.
```

```
# The property must point to a valid directory with write permissions enabled.
```

```
USER_INSTALL_DIR=c:\Informatica\10.5.2
```

```
#The INSTALLATION_ENVIRONMENT property represents the installation environment  
# Set the property to one of the following installation environment types: Sandbox,  
Development, Test, or Production. Values are case-sensitive.  
# Set to Sandbox for a basic environment used for proof of concept with minimal  
users.  
# Set to Development for the design environment.  
# Set to Test for high volume processing that is closest to a production  
environment.  
# Set to Production for high volume processing with high levels of concurrency meant  
for end users. Advanced production environments are typically multi-node setups.
```

```
INSTALLATION_ENVIRONMENT=
```

```
# The INSTALL_TYPE property determines whether to install or upgrade Informatica.
#     Set INSTALL_TYPE=0 to perform a new installation of Informatica.
#     To upgrade Informatica, use the SilentInput_upgrade.properties file.
#     To upgrade Informatica to a different node configuration, use the
SilentInput_upgrade_NewConfig.properties file.

INSTALL_TYPE=0
```

Sample Silent Input Properties (Client)

The following example shows the contents of the `SilentInput.properties` file when you apply or roll back the hotfix client in silent mode.

```
#####
# (C) Copyright Informatica LLC 1993, 2022.
# This software and documentation are provided only under a separate license
# agreement containing restrictions on use and disclosure.
# This software is protected by patents as detailed at https://www.informatica.com/
# legal/patents.html
# A current list of Informatica trademarks is available on the web at https://
# www.informatica.com/trademarks.html
# See the Informatica privacy policy at https://www.informatica.com/privacy-
# policy.html
#####

# 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

#####

#####
## *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\10.5

#####
# 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.
#####
```

After You Apply the Hotfix

After you apply the hotfix, you must complete the final tasks for the 10.5.2 product components.

Complete the Configuration for Upgrade or Apply Hotfix

If you edit `odbc.ini`, `odbcinst.ini`, `sapnwrfc.ini`, or `infaservice.sh` files, manually merge the changes from the backup files into the latest installed files. Check with your administrator for any customization to the `*.ini` files before you applied a hotfix or an upgrade. For instance, if an administrator added some variables or java options to the `infaservice.sh` script before you applied a hotfix or upgrade, manually merge the changes to the latest install file paths.

Manually merge the latest configuration changes into the following install file paths after applying hotfix or upgrade:

- `$INFA_HOME/ODBC7.1/odbc.ini`
- `$INFA_HOME /ODBC7.1/odbcinst.ini`
- `$INFA_HOME/server/bin/sapnwrfc.ini`
- `$INFA_HOME/tomcat/bin/infaservice.sh`

10.5.2 Fixed Issues and Closed Enhancements

This section contains issues and enhancements that were fixed in 10.5.2.

Application Service Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
MRS-2559	The Model Repository Service upgrade fails when you restore the backup contents as foreign key constraints are missing for collection tables.
ANT-2229	If you enable HTTPS connection and set the HTTP port to 0 for the Analyst service in the Informatica Administrator, the Analyst tool stops responding.
ANT-2375	You can bypass the filter in the Search section of the Analyst tool and add special characters. This results in an application vulnerability and attackers can inject malicious code into the web page.

Data Engineering Integration Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
BDM-38924	By default, Informatica creates the cluster configuration for a Google Dataproc 2.0 cluster with the Distribution version property set to "1.4 (default)".
BDM-39284	When you attempt to download aggregated logs for a mapping that ran using the Spark run-time engine, the download fails when the environment is set to a non-EN language.
OCON-28926	When you run a Scoop mapping on the Cloudera CDP version 7.1.7 distribution to read from or write data to Microsoft SQL Server, the mapping fails with the following error: <code>Caused by: java.security.cert.CertificateException: Certificates do not conform to algorithm constraints</code>
BDM-38638	You cannot preview the data on lookup mappings in the optimized view.
BDM-38525	When you browse for a schema containing one million Hive tables, the Developer tool displays the following error: <code>HTTP Status 500 - Internal Server Error</code>

Data Engineering Streaming Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
IIS-5690	When you preview data on a transformation in streaming mapping that contains a decimal type port, the mapping fails.
IIS-4719	When you run a streaming mapping with ADLS Gen 2 on autoscale enabled Azure Databricks cluster, the target files from the active directory do not move to the target directory when the executor goes to a dead state.

Data Privacy Management Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
SATS-41819	You cannot run incremental Subject Registry scans on Salesforce data stores.
SATS-41912	If you use SAML single sign-on to log in to Data Privacy Management, login fails but succeeds if you log in first with native account credentials and then log in with SAML single sign-on.

Deployment Manager Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
PLAT-29036	When you use Informatica Deployment Manager to deploy Enterprise Data Catalog or Data Quality from a Docker image that is built on CentOS version 8.x or RHEL version 8.x, data domains for the Content Management Service are not imported.
PLAT-28993	The option to configure application services with the default Informatica SSL certificate appears when you use a custom keystore file for the Administrator tool and a custom SSL certificate for the domain. When you configure a service to use the default SSL certificate, the service creation fails during product deployment.
EIC-57442	When you build a Docker image in Informatica Deployment Manager using an RHEL 8.4 image, the process fails with the following error: <code>Error: Unable to find a match: csh traceroute telnet openssh-server kernel-devel libtirpc-devel</code> .
EIC-57423	When you use Informatica Deployment Manager to run Enterprise Data Catalog from a Docker image on a multi-node custom SSL setup, the instance fails with the following error: <code>[main] Caused by: com.informatica.pcsf.sslutils.HttpSSLException: [SSLUtil_0001] Internal error. Secure communication failed because of the following SSL error: /data1/Infa/VolDir/infa_truststore.jks (No such file or directory). Contact Informatica Global Customer Support.</code>
EIC-57091	Informatica Deployment Manager does not validate the minimum disk space requirements when you use the quick deployment and run image functionalities to deploy Enterprise Data Catalog on Docker.

Enterprise Data Catalog Fixed Issues and Closed Enhancements (10.5.2)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
EIC-58630	You cannot access the Enterprise Data Catalog Plug-in extension in Incognito mode in Google Chrome.
EIC-58627	You cannot enable or disable the Name attribute on the Application Configuration page.
EIC-58605	When you export asset data to a Tableau Data Extract file from the Overview tab of a table, an error occurs.

Issue	Description
EIC-58536	You cannot modify the session timeout value configured for the Catalog Administrator tool.
EIC-58445	When you extract metadata with the Azure Synapse resource, only one character appears for the columns of the varchar(max) type. The issue occurs as the datatype length attribute for the varchar(max) column returns a value of -1.
EIC-58424	Columns in the Google BigQuery resource are ordered alphabetically, instead of by their position in the Catalog.
EIC-58311	When you run column profiling in the hybrid connection mode on tables with record data type for the Google Big Query resource, the profiling fails with a <code>java.lang.RuntimeException</code> .
EIC-58151	There is a performance degradation when you run an Erwin resource to extract metadata from a data source file that includes large number of assets.
EIC-57625	When you export asset data from a resource to a Tableau Data Extract (TDE) file, the following error message appears: Error: Something went wrong. Check the logs for more details. "undefined"
EIC-57623	When a non-administrator user searches for an asset in the Enterprise Data Catalog tool, the Search Results page fails to load.
EIC-57621	After you upgrade from version 10.4.1 to version 10.5.1, 10.5.1.x, or 10.5.2, the Enterprise Data Catalog tool does not display business glossary recommendations on the Assets in the Resource page.
EIC-57511	After you upgrade from version 10.5 to version 10.5.1, the UpgradeJobs log location does not contain the log files of all resources.
EIC-57492	If the dnsdomainname command is not available on the node on which the Catalog Service runs, the service fails with the following error: ERROR "java.lang.RuntimeException: Failed : HTTP error code : [500]"
EIC-57375	After you upgrade to version 10.5.1, the duplicate data domain groups are missing in the Enterprise Data Catalog tool.
EIC-57336	You cannot view the Data Domain , Null Distinct Non-Distinct % , and Source Data Type columns in Overview tab of a Salesforce asset.

Issue	Description
EIC-57308	You cannot accept or reject data domains for assets of a custom resource in the data domain Overview tab.
EIC-57269	Enterprise Data Catalog tool displays an incorrect URL in the System Attributes section for an Amazon S3 parquet file.
EIC-57245	In lineage for Microsoft Azure Data Lake Store and Amazon S3 resources, a default icon displays for a folder asset type.
EIC-57185	<p>When you run a profile on a large dataset in a non-Hadoop environment, profiling job fails with the error message:</p> <pre>[ExecutionQueueTask] INFO com.infa.products.ldm.scanners.profilescan ner.queue.impl.SearchQueueExecutor- SearchQueueExecutor : FAILED2021-08-30 11:54:03,387[ExecutionQueueTask] ERROR com.infa.products.ldm.scanners.profilescan ner.queue.impl.SearchQueueExecutor- An error occurred during SearchQueue execution: java.util.concurrent.ExecutionException: java.lang.RuntimeException: java.net.SocketException: Connection reset</pre>
EIC-57025	When you run the SAP Business Objects resource, the scanner logs contain MITI errors.
EIC-56989	When you run the Google Big Query high volume resource, performance in the staging phase is slower.
EIC-56956	When you run the SAP Business Objects resource, performance in the staging and metadata load phases is slower.
EIC-56548	Automatic connection assignment for Teradata resource is degraded.
EIC-55684	When a CSV file contains Dutch characters, the FileSystem scanner cannot detect column names. The resource fails with the following message: Header not detected for file.
MDX-25323	<p>When you run the IBM InfoSphere DataStage advanced scanner, the following error appears:</p> <pre>Failed to process deferred PL/SQL script com.compactsolutionsllc.cdmc.app.modules. exceptions.InvalidInputException: Unable to parse script.</pre>

Issue	Description
MDX-24178	If a job that scans the Databricks Notebooks SQL contains a <code>create</code> command, the job fails with the following error: <code>Unable to parse script</code>
MDX-24161	Databricks Notebooks scanner job fails because of a non-dependent MDREPO entry failure with the following error: <code>No suitable driver found</code>
MDX-24050	You cannot view the detailed lineage for Databricks Notebooks when a connection name contains the following special characters: <ul style="list-style-type: none"> - Colon ":" - Semicolon ";" - Square brackets "[]"
MDX-24043	When you enter a database connection key for Databricks Notebooks, and the key contains an equal sign "=", half of the key value shifts to the Resolved MDREPO entry field.
MDX-23967	Lineage for Databricks Notebooks fails when you launch the column-level lineage from the Delta file to the Delta table.
MDX-23878	When a Databricks Notebooks resource calls another Databricks Notebooks resource, the job fails with the following error: <pre>Failed to resolve expression dbutils.notebook.run</pre>
MDX-23850	Power Query processing fails for a report that you create from multiple Amazon S3 data sets belonging to different file paths. For example: <ul style="list-style-type: none"> - DataSet1: <code>edc-qa-bucket/DemoCSV/CSVSubFolder/100 Sales Records.csv</code> - DataSet2: <code>edc-qa-bucket/Customer/ScannersQA/CSV/1000 Sales Records.csv</code>
MDX-22673	For the Greenplum database, Advanced Scanners fails to parse arrays. The following error message is displayed: <pre>ERROR ERROR Failed to analyze statement. Parse error (InputMismatch) on token: '['. Line.column: 5.21, Text: [>[<2] =><SQL>CREATE FUNCTION edc_advscan_gp.gp_a_q_p_array_update() RETURNS int4 AS \$metadex\$ BEGIN UPDATE GP_A_Q_SQL SET PAY_BY_QUARTER [2] = (SELECT ITEM_IN_ID FROM GP_A_Q_ITEM_IN); RETURN 0;END; \$metadex\$ language PLPGSQL;</SQL></pre>

Issue	Description
MDX-21645	When you run a Talend configuration from the MetaDex tool, a Calculation icon is not displayed for configurations with column values created with the expression logic.
MDX-22184	You can use the Oracle Data Integrator scanner only with Oracle Knowledge Modules.
MDX-27148	When you run the MetaDex Microsoft Power BI scanner with a PowerQuery script that specifies both custom database and custom SQL query in the Sql.Databases function, the custom database is ignored.
MDX-26141	You can start the MetaDex server with the <code>server.sh</code> command only as the root user.
MDX-27186	You cannot use the following PROC SQL syntax when you run a MetaDex SAS scanner: <code>execute by SQL</code>
MDX-26061	You cannot update a table with an alias name in an SAP Hana SQL update command.
MDX-27139	When you run the Oracle Stored Procedure resource to parse a stored procedure that includes the SELECT * FROM function, the following error appears: <code>InvalidInputException: Unable to parse script</code>
MDX-25913	A Microsoft Power BI resource generates the following error when you use it to scan multiple workspaces: <code>You have exceeded the amount of requests allowed in the current time frame and further requests will fail.</code>
EIC-51727	Performance issues occur when you profile a Microsoft SQL server resource with Random N Rows as the sampling option.
EIC-50998	Performance issues occur when you profile a JDBC resource on an Athena data source with First N Rows as the sampling option. These performance issues occur as the sampling limit is not appended to the Athena query.
BG-2954	When you rename a business glossary term and export the business glossary, the Related Term Names column in the Excel spreadsheet displays the previous name of the business glossary term.
BG-2160	You can modify the description of published business terms in the Business Glossary using the Import Glossary Assets and Templates option.

Issue	Description
EIC-58781	The Asset Lineage Summary tab does not display the lineage for a table asset and fails with a <code>MongoQueryException</code> error.
EIC-58474	When you navigate to the Resource Overview tab using the browser back button and select an asset, the Catalog displays incorrect search results.
EIC-59781	You cannot view the scorecard or the rules associated with an asset in the Relationships tab.
EIC-59233	You cannot view the description for an asset on the Search Results page without selecting the asset.
EIC-58911	You cannot view the offline resources in Axon Data Governance if the resource type ID is long or includes spaces.
EIC-58783	When you copy and update an asset review, Enterprise Data Catalog removes the line breaks in the review.
EIC-58167	You cannot view the open-source license information in the Enterprise Data Catalog tool.
EIC-56037	When you add a question or a review to a Custom resource asset in the Relationships tab, the asset gets linked to itself.
EIC-56793	The Oracle resource extracts system schemas from the data source, when you configure the resource to exclude schema using regular expression.
EIC-60118	You can view the Key Data Element (KDE) icon for an Axon Glossary asset even if the KDE is set to False.
EIC-58908	The Hive resource metadata extraction fails with a Class Not Found exception, if multiple threads are running in parallel.
EIC-59093	The resource count and resource types key metrics in the Data Asset Inventory tab in Data Asset Analytics do not include all the scanned resources.
EIC-58926	After you configure weekly email notifications in the Enterprise Data Catalog tool, and then make changes to assets that you follow after a weekly digest notification is triggered, duplicate email notifications are sent.
EIC-58333	After you apply the 10.5.2 hotfix, the Catalog Service upgrade fails with the following error message: ClassCastException: Cannot cast java.lang.String to java.util.List

Issue	Description
EIC-59727	If the <code>infa_keystore.jks</code> keystore has multiple aliases, only the alias corresponding to the root certificate is verified if a private key exists.
EIC-59211	The Nomad service fails to start when the cluster nodes have two or more network interfaces.
EIC-57385	The order of tasks that appear in the Monitoring workspace changes after you refresh the workspace.
DAA-2492	When the value for the <code>ASSET_ID</code> column for the Data Asset Analytics report is set to null, the Report Execution fails with the <code>NullPointerException</code> error.
EIC-57330	The timestamps that appear in the PostgreSQL service logs use the India Standard Time timezone.
EIC-58540	When specifying the permissions on resources for users and user groups, the Security tab hangs unexpectedly. The following error message appears in the <code>LDM.log</code> file: <pre>ERROR [catalina-exec-291:CatalogAdviceV1@116] - During the lifetime of the proxy, the Entity identified by 'Key {collection=Resource, id=1013}' disappeared from the Datastore.</pre>
EIC-58071	The Amazon Redshift resource fails when you run a scan on the resource after you configure the resource to exclude a schema name using regular expression.
EIC-53944	When you run a scan on a JDBC resource with two schemas in a PostgreSQL database using the Informatica JDBC driver, the metadata is not extracted for one of the schemas.

Closed Enhancements

The following table describes closed enhancement requests:

Issue	Description
EIC-59064	You can download and install the Tableau extension from the Help menu instead of the User menu in the Enterprise Data Catalog tool.
EIC-59829	You can enable the streaming mode for data discovery when accessing data from the SAP S/4HANA resource.
EIC-59869	You can configure the SAP S/4HANA resource to extract profiling information using SNC connection.
EIC-57562	When you recycle the Informatica Cluster Service, a confirmation prompt appears.
EIC-57058	You can run the <code>rsync</code> command using a remote shell program other than SSH. Set the value of the <code>INFA_ICS_RSYNC</code> environment variable to <code>"rsync -e <Location of the remote shell program>"</code> .

Enterprise Data Preparation Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
IDL-18733	When you upload a CSV file before the prep connection is established, the Hive Connection drop-down list displays some incorrect connections.

PowerCenter Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
OCON-28945	When you configure a mapping that contains a Microsoft SQL Server stored procedure and the precision of the binary data type exceeds 8000, the mapping fails.
OCON-28445	When you run a mapping in bulk mode to read from or write data to Oracle database and the user name contains the @ character, the mapping fails.
CORE-9579, CORE-9799	In the HTTP transformation, if the last character of the parameterized Base URL is "A" or "D" or "0", the last character is truncated in the final URL.
CORE-7938, CORE-9460	In the Expression transformation, the session shuts down unexpectedly in some cases when NULL is used as CaseFlag in the IN function.

Profiles and Scorecards Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
IDE-4509	The value column in the exported Excel spreadsheet is empty when you export the profile results to the directory other than default directory.
IDE-5470	Profiling on logical data object mapping fails with the following error message: <code>SORT_40416 Work directory [...] does not have read/write/execute permissions enabled.</code> This issue occurs when the Data Integration Service has maximum parallelism and the operating system profile (OSP) is enabled.
IDE-5463	The <code>infacmd ps Purge</code> command fails with the following error message: <code>There are no results for the profile.</code> This issue occurs when the profiling warehouse database is Microsoft SQL Server with a non default schema.

Issue	Description
IDE-5453	If you modify the rule name used to run a profile in the Analyst tool, the scorecard created on the profile does not display the modified rule name. This issue occurs even when you run the scorecard multiple times.
IDE-5512	Performance issues occur when you run a profile on the PWX DB2 z/OS data source with First N Rows as the sampling option.
IDE-5427	When you migrate projects that contain profiles and scorecards, the import fails with a null pointer exception.
IDE-5440	When you export the scorecard summary results to an Excel spreadsheet, the results in the excel do not match with the results in the Scorecard tab of the Analyst tool.

Test Data Management Fixed Issues (10.5.2)

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

The following table describes fixed issues:

Issue	Description
TDM-29761	You cannot save environment variable values in the Processes tab of the Test Data Manager Service in the Administrator tool.
TDM-29578	The criteria list in a plan includes tables that you disable in an entity.

10.5.2 Known Issues

This section contains known issues that were found in 10.5.2.

Application Service Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
MRS-2587	Additional messages might appear when you run the infacmd tools importObjects command on AIX. Workaround: You can ignore the additional messages.

Data Engineering Integration Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
BDM-39625	Time zone information does not appear in the reverse proxy server access logs.
BDM-39624	Time zone information does not appear in the Blaze service logs.
BDM-39713	<p>When the Blaze engine runs concurrent mappings on a CDP Private Cloud cluster, some of the mappings might fail. The following error message appears in the mapping session log:</p> <pre>The tasklet [gtid-14-1-82093876-863418_s2_t-0] failed with the following error: [UNK_66007 Unable to establish a connection with the specified HDFS host because of the following error: [java.lang.NullPointerException at org.apache.log4j.Category.isEnabledFor(Category.java:569) at org.apache.log4j.Category.isEnabledFor(Category.java:324) at com.informatica.logging.log4j.InfaLog4jLogger.log(InfaLog4jLogger. java:206) at com.informatica.logging.log4j.InfaLog4jLogger.info(InfaLog4jLogger .java:109) at com.informatica.platform.dtm.executor.hadoop.impl.IHadoopFactoryIm pl.initWithExecClassLoader(IHadoopFactoryImpl.java:660) at com.informatica.platform.dtm.executor.hadoop.impl.IHadoopFactoryIm pl.init(IHadoopFactoryImpl.java:148) at com.informatica.platform.dtm.executor.hadoop.impl.IHadoopFactoryIm pl.<init>(IHadoopFactoryImpl.java:137) at com.informatica.platform.dtm.executor.hadoop.impl.IHadoopFactoryIm pl.<init>(IHadoopFactoryImpl.java:206) at com.informatica.platform.dtm.executor.hadoop.IHadoopFactory.newHad oopFactory(IHadoopFactory.java:58) at com.informatica.powercenter.sdk.server.JSDKHelper.getHadoopClassLo ader(JSDKHelper.java:167) at com.informatica.powercenter.sdk.server.JSDKHelper.getHadoopClassLo ader(JSDKHelper.java:190)].].</pre>

Data Engineering Streaming Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
IIS-5790	When the Spark engine runs a complex mapping with a Sorter transformation and complex XML format, the mapping returns incorrect data.
IIS-5778	When you run a dynamic mapping with Intelligent Structure Model parameter as the schema and the schema format in Confluent Kafka source and target, the mapping fails.
IIS-5777	When you run a dynamic mapping with Avro as the schema format in Confluent Kafka source and target, the mapping returns incorrect data.
IIS-5776	When you run a dynamic mapping with Confluent Kafka as the source and target, the schema parameter returns an error when the following conditions are true: <ul style="list-style-type: none">- Schema format is of the type XML.- Schema is set to Assign Parameter.
IIS-5775	When you run a dynamic mapping with XML, Flat, and JSON as the schema format in Confluent Kafka source and target, the mapping does not display a validation error.
IIS-5774	When you run a dynamic mapping with Confluent Kafka as the source and target, incorrect data appears when the following conditions are true: <ul style="list-style-type: none">- Data object is of Avro format.- Enable the option to get data object columns from the data source at run time.
IIS-5716	When you run a job on the Spark engine, the previous jobs appear in the Spark job list for each consecutive run.
IIS-5702	When you preview data on a streaming mapping that contains an array in JSON format in Kafka source, the data preview fails.

Data Privacy Management Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
SATS-42103	When you run a sensitive data scan on a Salesforce data store, the scan does not identify sensitive fields.
SATS-42039	If you use filters to include or exclude folders in a Microsoft SharePoint data store created with tenant credentials, you might notice a decrease in performance.

Domain Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
PLAT-29483	<p>When you start the Informatica domain with <code>infaservice.bat</code> startup command on Windows platform, the <code>runcpuprofile</code> command fails with an error message and the domain shuts down.</p> <p>[ICMD_10033] Command [runcpuprofile] failed with error [[DTF_0016] Receive interrupted because the underlying session has been closed.]</p> <p>Workaround: Start the Informatica domain as the Windows Service.</p>

Enterprise Data Catalog Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
EIC-59852	You cannot add decimal values to the inference threshold percentage in the Data Domain Propagation system resource required to consider smart data domains for inference.
EIC-59831	When you save the Data Domain Propagation system resource with the Inference Threshold value greater than or equal to the Auto Accept Threshold value, the system resource fails with the following error message: Invalid confidence score threshold values.
EIC-59723	<p>Profiling of the Google BigQuery resource fails with the following error message:</p> <p>SEVERE: [IDP_1004] Profiling exception occurred: java.lang.RuntimeException: java.util.concurrent.ExecutionException: com.informatica.sdk.dtm.ExecutionException: [EdtmExec_00007] The [QUERY] job failed with the following error: [Syntax error: Expected "(" but got "," at [1:44]]</p> <p>This issue occurs in the following scenarios:</p> <ul style="list-style-type: none">- Reserved keywords are present in the Google BigQuery table and use Random Percentage as the sampling option.- Run the profile in the hybrid connection mode.
EIC-60256	When you run profiling for Avro or Parquet files on Amazon S3 V2 and Microsoft Azure Data Lake Store V2 resources, the Enterprise Data Catalog tool displays incorrect profiling results for the partitioned columns.
EIC-60106	When you run a resource enabled with business term association, duplicate business glossary terms appear as recommended terms in the Assets in the Resource section on the Overview page of the resource.
EIC-59775	When you run similarity profiling for the Google BigQuery resource with Random Percentage as the sampling option, pushdown does not happen to the Google BigQuery table.
MDX-27571	A Databricks Notebooks MetaDex scanner fails with an invalid token error when you enter the correct access token.

Issue	Description
EIC-59876	You cannot view the unique and foreign keys in the Keys tab for a table asset, if the assets have a foreign key relationship without a defined unique key.
EIC-59930	When you try to view a business term in a multi-valued Axon Glossary asset that includes business terms with same name but different paths, the catalog navigates you to only one business term.
EIC-60294	When you import a CSV file that includes an Axon Glossary asset assigned as a business term, you cannot view the Key Data Element (KDE) icon for the asset in the catalog.
EIC-60282	You cannot view the details of the unique keys and foreign keys in the Keys tab for a table asset that has a self referenced foreign key.
EIC-60033	The MicroStrategy resource fails during staging after the resource job runs for 28 hours.
EIC-59995	You cannot view the path for duplicate business terms that have different classification paths after you refresh the page.
EIC-60273	On a custom SSL enabled cluster, when the infa_keystore.jks keystore has multiple aliases, the infacmd ldm backupContents command fails with the following error message: Command [backupContents] failed with error [[BackupRestoreClient_20010] Following error occurred while performing BACKUP of data: [BackupRestoreClient_20038] Error occurred while performing similarity [BACKUP]. Error: [java.lang.Exception: Error occurred when performing similarity data BACKUP due to java.lang.Exception: Similarity data BACKUP failed with exitValue=1.].].
EIC-60119	After you upgrade from version 10.4.1 to 10.5.2 and reindex the catalog, the reindex fails. The following error message appears in the LDM.log file: [reindex_1646035138909 :ResourceConfigurationManager@152] - com.infa.products.ldm.framework.scanner.configmgmt.api.ConfigManagementException: Resource '[ResourceName]' not found."
EIC-60140	In the Classifications section, you cannot view the path of the duplicate business terms that have different paths.
EIC-60241	TDE export fails with UserNotFoundException error for LDAP users.
DAA-2663	When the catalog contains more than 10K scan jobs before you configured Data Asset Analytics, the resource count and resource types key metrics in the Data Asset Inventory tab do not include all the scanned resources
EIC-60113	In the Resources tab, you cannot view the path of a business term that is accepted or recommended for an asset when you hover over the term.
EIC-60121	You can view the Related Glossary Assets section on the Axon glossary Overview page.
EIC-60225	When you perform connection assignments between reference resources and the resources you configured, the Connection Assignment tab hangs unexpectedly. The issue occurs when a configured resource is deleted. The following error message appears in the LDM.log file: ERROR [catalina-exec-291:CatalogAdviceV1@116] - During the lifetime of the proxy, the Entity identified by 'Key {collection=Resource, id=1013}' disappeared from the Datastore.

Enterprise Data Preparation Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
IDL-18743	All the karaf logs from the Enterprise Data Preparation service are not getting uploaded to Informatica Administrator.
IDL-18726	The login failure messages are not logged in the audit logs.

PowerCenter Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
PLAT-29524	User activity log does not display activity information for disabled user in a Kerberos domain.
PLAT-29509	The date used within the Informatica logs do not contain time stamp and time zone information.

Transformations Known Issues (10.5.2)

The following table describes known issues that were found in 10.5.2:

Issue	Description
BDM-39815	<p>When you run a mapping with a new WSDL data object in Web Service Consumer transformation, the mapping might fail.</p> <p>Workaround:</p> <p>To resolve this issue,</p> <ol style="list-style-type: none">1. In the WSDL file, remove the namespace attribute for SOAP encoding from the WSDL definitions. For example, xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/".2. Save the WSDL file and rerun the mapping.

Third-Party Known Issues (10.5.2)

The following table describes third-party known issues:

Issue	Description
BDM-39472	Mappings with a Hive source and target fail when the following conditions are true: <ul style="list-style-type: none">- The Hive source contains 225 columns or more.- The mapping truncates the target Hive table.- The mapping truncates the Hive target partition. Apache ticket reference number: https://issues.apache.org/jira/browse/HIVE-25999
PLAT-29457	When you run the RestoreDomain command for an Azure PostgreSQL database, the database client hangs without any response from the server. Microsoft support ticket reference number: 2203290030002321
PLAT-29578	When you use a secure domain with updated ciphers on IBM AIX platform, the domain shuts down intermittently. IBM Support ticket reference number: https://www.ibm.com/support/pages/apar/IJ37785 Workaround: Perform the steps provided in the KB article Configure the RSA TLS cipher suites in the Informatica domain on the IBM AIX platform.

Cumulative Known Issues

This section contains known limitations that are carried forward from previous releases.

Application Service Known Limitations (Cumulative)

The following table describes known limitations that are carried forward from previous releases:

Issue	Description
MRS-2506	The MRX_PDO view does not list flat files in the Model repository.
MRS-2499	The MRX_APPLICATION_STAT view includes a null values in the APPLICATION_NAME and PARENT_STAT_ID columns.
MRS-2498	The MRX_VT_PDO view includes null values for a few rows in the CONN_NAME column.
MRS-2495	A few mappings in the MRX_MAP_SRCCNT view includes incorrect values.
MRS-2470	The MRX_PDO view does not list physical data objects in the Model repository.

Data Engineering Integration Known Issues (Cumulative)

The following table describes known limitations that are carried forward from previous releases:

Issue	Description
BDM-38130	Mappings running on the Blaze engine for a long time fail with delegation token error.
BDM-35089	When the Spark engine runs a mapping that contains a Lookup transformation, the count of Source_Rows and Target_Rows might be incorrect. Workaround: Run the mapping on the Blaze engine.
BDM-34065	When you import the cluster configuration from Compute cluster configured on Cloudera and you choose to create associated connections, the creation process fails to create the Hive connection and displays the following error: [EDR_1069] Failed to resolve the option [connectString] of connection [HIVE_cco_ac] because the associated cluster configuration [CCO_AC] does not contain the property [hive.metastore.uris]. Workaround: <ul style="list-style-type: none">- Create cluster configuration using import from archive file option.- For Hive connection, fix Metadata connection string and data access connect string JDBC connection to point to compute cluster.
BDM-33585	When a mapping that runs on the Blaze engine reads from or writes to an encryption zone in HDFS, the mapping fails. Workaround: Configure the user that runs a mapping on Blaze to be the same as the impersonation user. To use a different user, give DECRYPT privileges to the Blaze user.
PLAT-28992	When you remove the Email service from the deployment manager, the service is not disabled.

Data Engineering Streaming Known Issues (Cumulative)

The following table describes known limitations that are carried forward from previous releases:

Issues	Description
IIS-5716	In Spark Job Server mode, the previous jobs appear in the spark job list for each consecutive run.
IIS-5702	When you preview data on a streaming mapping that contains an array in JSON format in Kafka source, the mapping fails.

Data Privacy Management Known Limitations (Cumulative)

The following table describes known limitations that are carried forward from previous releases:

Bug	Description
SATS-14385	When you scan an SAP data store, the following issues occur: <ul style="list-style-type: none">- The data scan does not identify sensitive fields.- After a metadata or data scan, the risk score is set to zero.
SATS-14379	For Amazon S3 data stores, when you run a metadata with data scan, the Evaluate Classification Job fails.
SATS-14323	For Salesforce data stores, when you run a scan, the risk score and policy impressions values are set to zero.

Enterprise Data Catalog Known Limitations (Cumulative)

The following table describes known limitations that are carried forward from previous releases:

Bug	Description
EIC-57025	When you run the SAP Business Objects resource, the scanner logs contain MITI errors.
EIC-56956	When you run the SAP Business Objects resource, performance in the staging and metadata load phases is slower.
EIC-57308	You cannot accept or reject data domains for assets of a custom resource in the data domain Overview tab.
EIC-58448	In the Catalog Administrator tool, the Resource page does not load in Microsoft Internet Explorer. Workaround: Use <code>debug=true</code> as the request parameter in the URL.
EIC-58384	An incorrect average rating appears in the Reviews tab for a resource. This issue occurs when users add ratings whose average value results in a whole number.
EIC-58468	You cannot filter connections in the Connection Assignment workspace when you select LABEL_NONE_ in the Group By drop-down list.
EIC-60109	Failure Notification Subscribers appears as a custom attribute automatically in the Catalog Administrator tool and in the People section of the Overview tab in the Enterprise Data Catalog tool. This is an error and can be ignored.

Third-Party Known Issues (Cumulative)

The following table describes known limitations that are carried forward from previous releases:

Issue	Description
BDM-34066	<p>When you import the cluster configuration directly from Cloudera and you choose to create associated connections, the import wizard fails to create a Hive connection and displays the following error: [EDR_1069] Failed to resolve the option [connectstring] of connection [HIVE_cco_ac] because the associated cluster configuration [CCC_AC] does not contain the property [hive, metastore, uris].</p> <p>Workaround:</p> <ol style="list-style-type: none">1. Create the cluster configuration by importing the configuration from an archive file.2. Edit the Hive connection to fix the metadata connection string and data access connect string to point to the compute cluster. <p>Cloudera ticket number: OPSAPS-57696</p>
BDM-33828	<p>When the Spark engine runs a mapping on a Cloudera CDP cluster, the mapping fails with the following SPARK_1003 error:</p> <p>MetaException (message:Permission denied: user [<impersonation user>] does not have [SELECT] privilege on [default])</p> <p>Workaround: In Ranger, add SELECT privileges to the default database for all users who run Spark queries.</p> <p>Cloudera ticket: CDPD-12622</p> <p>For more information, see Cloudera 7.1.1 Release Notes.</p>
BDM-31657	<p>When the Spark engine runs a mapping that uses the Hive Warehouse Connector to write to a Hive target, the mapping fails if a column name in the target contains a special character.</p> <p>The mapping fails with the following error:</p> <pre>java.lang.IllegalArgumentException: Missing required char ':' at 'struct<<table name>>'</pre> <p>Cloudera ticket: 751777</p>
BDM-28598	<p>When the Spark engine processes an input value of zero in a decimal port that is configured with equivalent precision and scale, the engine treats the value as data overflow and the return value is NULL on a Hortonworks HDP 3.1 cluster.</p> <p>Cloudera ticket reference number: 635063</p>
BDM-25513	<p>When you have a mapping with a Hive ACID source and target tables that runs on the Spark engine, the Summary Statistics view does not reflect any throughput statistics for the mapping job.</p> <p>Cloudera ticket reference number: 00225986</p>
BDM-23104	<p>The Spark engine cannot write data to a bucketed Hive target if the Hadoop distribution is MapR.</p> <p>MapR case number: 00074338</p>
BDM-4674	<p>A mapping with an Update Strategy transformation fails at run time if the Hive target has more than one primary key.</p> <p>Apache Hive ticket reference number: HIVE-19911</p>

Emergency Bug Fixes Merged into 10.5.2

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.5.2. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.5.2, see the following Informatica Knowledge Base article:

<https://knowledge.informatica.com/s/article/FAQ-What-are-the-Emergency-Bug-Fixes-EBFs-merged-into-Informatica-1052>

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