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Preface

Informatica 10.5.5.1 is a service pack that you can apply to version 10.5.5. Informatica 10.5.5.1 service pack contains information about multiple emergency bug fixes, restricted functionality, known issues, and bug fixes.

The service pack supports Data Engineering, Data Security, and Data Catalog products.

It is available on AIX, Linux, and Windows and you can download it from the [Informatica Network](#).

Note: Product documentation is updated for every major release even if a guide does not contain any updated functionality. Product documentation is updated for service packs and hotfixes only if a guide contains updated functionality. If you can't find a guide for a service pack or hotfix, look at the previous version.

Installation

Read this section to learn about the installation of version 10.5.5.1.

Before you apply the service pack

Complete the following tasks before you apply the service pack.

Verify the upgrade paths

Version 10.5.5.1 is a service pack that you can apply to version 10.5.5. For information about the supported upgrade paths to upgrade to Informatica version 10.5.5, see [10.5.5 Upgrade Paths](#)

Download the service pack files

Informatica provides the service pack in .tar and .zip formats. Download one or more installer packages to install or roll back the service pack. After you download the service pack, extract the file contents. The service pack is available for the AIX, Linux, and Windows installations. The service pack is also available for Windows installation for Informatica Developer and PowerCenter clients.

The service pack includes the following files:

Input.properties

The file where you provide the directory where Informatica is installed. The service pack is installed in this directory. You update the file with the directory path. The file also contains a rollback property that you can set if you decide to uninstall the service pack.

install.bat

Installs the service pack to the directory that you specify on a Windows machine for the Informatica clients. You can find the file in the Windows installer.

install.sh

Installs the service pack to the directory that you specify on a Linux or AIX machine. You can find the file in the Linux or AIX installer.

To apply the service pack, you can download the service pack installer, Informatica Client installer, and command line utilities package.

Download the following package for the service pack installer:

- `informatica_10551_server_aix64.tar`
Contains updates for AIX installation.
- `informatica_10551_server_linux-x64.tar`
Contains updates for Redhat Enterprise Linux, Ubuntu, SUSE 12, SUSE 15, and Amazon Linux 2 installations.
- `informatica_10551_server_winem-64t.zip`
Contains updates for Windows installation.

Download the following package for Informatica Clients:

- `informatica_10551_client_winem-64t.zip`
Contains updates for the PowerCenter and Developer tool installations.

Download the following package for the command line utilities:

- `informatica_10551_cmd_utilities_aix-ppc64.zip`
Contains updates for AIX installation.
- `informatica_10551_cmd_utilities_linux-x64.zip`
Contains updates for Redhat Enterprise Linux, Ubuntu, SUSE 12, SUSE 15, and Amazon Linux 2 installations.
- `informatica_10551_cmd_utilities_winem-64t.zip`
Contains updates for Windows installation.

Update the Input.properties File

The `input.properties` file includes properties that identify the Informatica installation and define the action taken when you run the service pack installer. Update the properties before you install or roll back the service pack. Update the file in each service package that you download.

1. Extract the service pack file.
2. Find the `input.properties` file in the service pack.
3. Update the `DEST_DIR` property in the file with the path to the Informatica root directory.
 - On a Linux machine, set the path in the following format:
`DEST_DIR=/home/infauser/<version number>`
 - On a Windows machine, set the path in the following format:
`DEST_DIR=C:\\Informatica\\<version number>`

4. You can apply or roll back the service pack for all product components or for a specific component. The input.properties file includes an identifier for each product component. To install the service pack for all components, retain the default value of **0** for each identifier.

To install or roll back a specific component in the service pack:

- Remove the comment tag (#) associated with the component that you want to apply.
- For Data Engineering products, PowerCenter or Informatica Data Quality, set BDM_ONLY to 1.
- For Enterprise Data Catalog, set EDC_ONLY to 1.
- For Enterprise Data Preparation, set EDP_ONLY to 1.
- For Data Privacy Management, set DPM_ONLY to 1.

If you have multiple products installed, apply the individual components in the following order:

1. Data Engineering products, PowerCenter, or Informatica Data Quality
2. Enterprise Data Catalog
3. Enterprise Data Preparation
4. Data Privacy Management

After you apply the service pack, you can't automatically roll back the service pack using the installer. You must perform the steps listed in the *Roll Back the Service Pack to a Specific Component* section to roll back the service pack.

5. Save and close the file.

Install the service pack

Run the installer file to install the service pack.

1. Close all Informatica applications and stop all Informatica services.
2. Find the installer file in the service pack files and extract the file.
 - For Linux or AIX systems, the installer file for the services is install.sh.
 - For Windows systems, the installer file for the clients or services is install.bat.
3. Run the installer.

Roll back the service pack

You can roll back the service pack that you applied for all components or for a specific component.

1. In the input.properties file, configure the value of the ROLLBACK property. To roll back the service pack, set the value to **1**.

When you install or roll back the service pack, the installer applies all the components by default. Perform the following steps to install or roll back a specific component in the service pack:

- Remove the comment tags (#) associated with the component that you want to apply.
- For Data Engineering products, PowerCenter or Informatica Data Quality, set BDM_ONLY to 1.

- For Enterprise Data Catalog, set EDC_ONLY to 1.
- For Enterprise Data Preparation, set EDP_ONLY to 1.
- For Data Privacy Management, set DPM_ONLY to 1.

If you have multiple products installed, roll back the individual components in the following order:

1. Data Privacy Management
2. Enterprise Data Preparation
3. Enterprise Data Catalog
4. Data Engineering products, PowerCenter, or Informatica Data Quality

2. Save and close the file.

If you modified the sudoers file after you applied the service pack to Enterprise Data Catalog version 10.5.5, verify that you provided sudo permissions for the tee and sed commands before you enable the Informatica Cluster Service.

If you use Data Privacy Management, log in to Informatica Administrator and update the Data Privacy Management Service database property to point to the backup location. Enable the Data Privacy Management Service.

10.5.5.1 Fixed Issues

This section contains issues and enhancements that were fixed in 10.5.5.1.

Data Engineering Integration Fixed Issues (10.5.5.1)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
BDM-41801	Dynamic lookup fails to read the primary key on the table.
BDM-41763	When you refresh a cluster connection object from an connection tab with an archive file or cluster, the following error appears in the Administrator tool: Failed to update the cluster configuration [].Contact the Informatica administrator.
BDM-41766	A thread exception caused the Blaze jobs to fail.
OCON-30910	When CDH 7.1 binaries were copied inadvertently during auto merge, the mapping run fails.

Data Engineering Quality Fixed Issues (10.5.5.1)

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

The following table describes fixed issues:

Issue	Description
IDQ-10668	In the Human Task workflow, users in the ExceptionStep group could claim the ReviewStep group.
BDM-41768	When you run a dynamic mapping with the Hive source and Spark engine on CDP 7.1.7 with DEI 10.5.1 as the target, the Spark job fails. The following error appears when the Spark job fails: <code>java.lang.ClassCastException: java.lang.String cannot be cast to org.apache.spark.unsafe.types.UTF8String</code>

Data Privacy Management Fixed Issues (10.5.5.1)

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

The following table describes fixed issues:

Issue	Description
SATS-42556	The Data Privacy Management service failed to launch on the Catalog Administrator.

Enterprise Data Catalog Fixed Issues (10.5.5.1)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
PLAT-30875 EIC-66612	Informatica Data Quality resource fails to extract rules and displays the following error: <code>Failed to deserialize. Could not find seeded object for the identity.</code>
EIC-66728	After you upgrade to version 10.5.5, the Enterprise Data Catalog fails to render lineage for some columns and displays the following error: <code>The lineage diagram is too large to be displayed</code>
EIC-66677	When you pass the ResourceType in the app_events Catalog Events REST API, the Since parameter fails to filter correctly.

Issue	Description
EIC-66658	File Grouper in Amazon S3 resource displays an IndexOutOfBoundsException error.
EIC-66635	Catalog UI results show the load results column with an English character instead of a Japanese character in the Japanese locale.
EIC-66634	A null pointer exception occurred during the bulk export of deprecated Axon classifications.
EIC-66557	The Data Integration Service profiling failed to detect files or folders inside the Amazon S3 bucket root directory.
EIC-66556	Failed to import metadata with the XML system model.
EIC-66552	Business titles with manually entered special characters in display name garble on Catalog UI lineage launch.
EIC-66550	When you expand column level lineage in the Lineage and Impact Analysis tab, the UI stops responding indefinitely in Enterprise Data Catalog.
EIC-66548	When you run the PowerCenter resource, the PowerCenter mapping fails to display the stored procedures in its lineage.
EIC-66519	Duplicate entries are seen in the BulkExport result.
EIC-66508	When you use the JSON system model, the Enterprise Data Catalog fails to import some of the metadata fields.
EIC-66470	Failed to extract minimum and maximum values of the rules from the Informatica Data Quality resource.
EIC-66464	Enterprise Data Catalog fails to trigger the change notifications for every change frequency in resources.
EIC-66413	PowerCenter resource fails after you enable Data Flow Analytics for the resource in Enterprise Data Catalog.
EIC-66398	When you select Japanese on the web browser, the Associated Business Terms in Data Asset Analytics gives incorrect values and formats in Enterprise Data Catalog UI.
EIC-66390	The data domain schedules are enabled each time Enterprise Data Catalog restarts.
EIC-66374	The data domain resource fails with an invalid column object.
EIC-66350	Unable to hide a reference resource using the Lineage and Impact filter when you do not have access permissions.
EIC-66345	When you extract QlinkSense assets, the extraction fails to parse and the following Out of range error appears: MBCM_F0029:String index out of range: 90
EIC-66168	When an asset has special characters in their name or ID, the curation fails.

Issue	Description
EIC-66138	The Change Summary in the Catalog UI doesn't display the latest changes after you run the Oracle resource.
EIC-64735	The column profiling analysis failed to apply on custom resources.
EIC-64270	Test Connection for Microsoft Azure Data Lake Store fails with a ScannerException error.
EIC-45881	Catalog UI results show the load results column with an English character instead of a Japanese character in the Japanese locale.
DAA-2715	When you run the custom lineage scanner, newly added custom lineages aren't updated in the Data Asset Analytics repository.
MDX-39957	The Oracle Data Integrator (ODI) MetaDex resource fails with a fatal error in Enterprise Data Catalog version 10.5.4.1.

Informatica Analyst Fixed Issues (10.5.5.1)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
ANT-2686	When you create Flat File Data Objects, the Analyst tool lacks file type filtering for uploads and allows any format.

On Premise Connectivity Fixed Issues (10.5.5.1)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
OCON-30870	When you run mappings, ORA-39826 error code incorrectly terminates the session as fatal error.
OCON-30857	When you drill down on boolean columns in Salesforce-based profiles, the data preview result incorrectly returns records for value 1 instead of the selected value.

Issue	Description
OCON-30854	When you use a Snowflake source or target, the Router transformation group conditions fail to work as expected.
OCON-30853	In 10.5.x environments, the Hive synchronization fails when the Owner name is empty in the Run-time properties of the Data Object.
OCON-30858	In PowerExchange for OData, a data type error resulted in the appearance of null data for DateTimeOffset values.
OCON-30855	When multiple mappings of Azure SQLDW and JDBC connections are triggered simultaneously in the Mercury Adapter component, the mappings become unresponsive.
OCON-30856	NLS unused message appears as an error instead of warning in the PowerExchange for SAP for PowerCenter.

PowerCenter Fixed Issues (10.5.5.1)

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

The following table describes fixed issues:

Issue	Description
CORE-10218	The count function produces incorrect calculations when processing 2 billion or more
CORE-10693	The PowerCenter Integration Service shuts down unexpectedly during the serialize call.
CORE-10692	After you upgrade from PowerCenter version 10.5 to PowerCenter version 10.5.3, the PowerCenter Integration Service shuts down unexpectedly.
CORE-10689	When you delete a non-reusable session, the following error occurs: <code>Incorrect syntax near 'D'</code>
CORE-10683	PowerCenter Repository Service upgrade shuts down intermittently during an upgrade.
CORE-10648	The pmrep SwitchConnection doesn't update the source and target connection values when switching from ODBC to MSSQLServer database.
CORE-10697	Upgrade of PowerCenter version 10.5.5 Repository Service crashes unexpectedly.

Profiling and Scorecards Fixed Issues (10.5.5.1)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
IDE-5484	When you run a profile or scorecard, the <code>NoSuchMethodException</code> error sometimes occur.

Test Data Management Fixed Issues (10.5.5.1)

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

The following table describes fixed issues:

Issue	Description
TDM-30270	When you edit the source setting in the Test Data Management plan, Test Data Management appears to load indefinitely. You can't view the latest changes in the source setting.

Third Party Fixes (10.5.5.1)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
BDM-41777	Using <code>infacmd</code> to update a Hadoop connection incorrectly resets user-modified properties to defaults and removes user-defined ones.
EIC-66637	The PowerCenter mapping fails to extract the lineage if the Source Qualifier filter expressions contain <code>DAYS</code> .

10.5.5.1 Known Issues

This section contains known issues that were found in 10.5.5.1.

Enterprise Data Catalog Known Issues (10.5.5.1)

The following table describes known issues that were found in 10.5.5.1:

Issue	Description
MDX-40940	If you use the Catalog RepoType for IBM DB2, the Cobol Metadex resource fails to extract connections in the Enterprise Data Catalog.
EIC-66838	Informatica Intelligent Cloud Services metadata load phase is slower compared to earlier releases.
EIC-66673	PATCH API causes data corruption in Enterprise Data Catalog.

PowerCenter Known Issues (10.5.5.1)

The following table describes known issues that were found in 10.5.5.1:

Issue	Description
CORE-10684	Upgrade of PowerCenter Repository Service from 10.4.1 to 10.5.5.1 fails for Sybase Database.

Third-Party Known Limitations (10.5.5.1)

The following table describes third-party known issues:

Bug	Description
BDM-41746	When you enable dynamic allocation, Hadoop spark mode mappings fail.
BDM-41741	When you use Unicode characters in columns, Spark mappings fail. Workaround: To resolve this issue, configure Hadoop with Apache Spark 3.1 instead of 2.4.
BDM-41678	If you use a Hive source with pushdown optimization and target a staging database with a pass-through SQL query, insert query failures might occur. Workaround: To resolve this issue, set the hive.stats.column.autogather flag to true.

Emergency Bug Fixes Merged into 10.5.5.1

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.5.5.1. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.5.5.1, see the following Informatica Knowledge Base article:

<https://knowledge.informatica.com/s/article/FAQ-What-are-the-Emergency-Bug-Fixes-EBFs-merged-into-Informatica-10-5-5-1>

Cumulative Known Limitations

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

Data Engineering Integration Known Limitations (Cumulative)

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

Issue	Description
OCON-30142	When you run complex file mappings on the Spark engine, the mapping fails with the following error: <code>java.lang.IndexOutOfBoundsException: Index: 2, Size: 2.</code>
BDM-41004	When you run spark stress mappings on a Spark engine, the process exceeds the expected time of two hours.
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-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.

Data Engineering Streaming Known Limitations (Cumulative)

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

Issue	Description
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 Issues (Cumulative)

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

Issue	Description
SATS-42422	When you scan Azure WASB through Enterprise Data Catalog, the scan fails in Data Privacy Management.
SATS-42421	While you scan the Active Directory, the scan and data profiling tasks fail in Data Privacy Management.

Domain Known Limitations (Cumulative)

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

Issue	Description
CORE-10058	<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 (Cumulative)

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

Issue	Description
EIC-63878	After you run the Enrichment Utility migration, the rejected business title incorrectly appears in the accepted and recommended states for the Amazon ADLS Gen2 V2 or Amazon S3 V2 resource.
EIC-63793	In Enterprise Data Catalog version 10.5.3 or later, the QlikView resource lineage incorrectly increases data objects.

PowerCenter Known Limitations (Cumulative)

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

Issue	Description
PLAT-29524	User activity log does not display activity information for disabled user in a Kerberos domain.

Third-Party Known Limitations (Cumulative) (10.5.4.1)

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

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
BDM-33828	When the Spark engine runs a mapping on a Cloudera CDP cluster, the mapping fails with the following SPARK_1003 error: <code>MetaException (message:Permission denied: user [<impersonation user>] does not have [SELECT] privilege on [default])</code> Workaround: In Ranger, add SELECT privileges to the default database for all users who run Spark queries. Cloudera ticket: CDPD-12622 For more information, see Cloudera 7.1.1 Release Notes .

Informatica Global Customer Support

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

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.