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Preface

Read the *Informatica® Release Notes* to learn about known limitations and fixes associated with version 10.5.3. The Informatica version 10.5.3 release includes multiple bug fixes and third-party library upgrades to improve security.

The Release Notes also include information about upgrade paths, EBFs, and limited support, such as technical preview or deferments.

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.

Apache Log4j RCE Vulnerabilities

In version 10.5.3, Informatica changed the installation packaging to mitigate the vulnerabilities associated with the third-party Hadoop and Databricks distribution package binaries.

Informatica has made the following changes to the installer:

- Separated the third-party distribution package binaries from both the client and server components of the Informatica installer.
- Introduced an option in the installer to choose one or more distribution packages that you want to install in your Informatica environment.
- Added the Integration Package Manager utility to add or remove distribution packages after the installation is done.

The installer changes apply to all the installation types, such as new installation, upgrade, and apply hotfix.

You can install one or more third-party distribution packages in the following scenarios:

- To push processing to the Hadoop or Databricks environment.
- To process complex files within the Informatica domain.
- To connect to the Hadoop environment, but process within the Informatica domain.

For more information about the installer changes and distribution packages requirement, see the product installation and upgrade guides and the Knowledge Base article:

[Apache Log4j Vulnerabilities Related to Third-Party Distributions](#)

Apache Commons Text RCE Vulnerabilities

Informatica version 10.5.3 uses the commons-text-1.10.0.jar file to remediate the security vulnerabilities associated with [CVE-2022-42889](#) as per [vendor guidelines](#).

Support Changes

Read this section to learn about support changes in version 10.5.3.

Dropped Support (10.5.3)

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

SQL language annotations

Effective in 10.5.3, Enterprise Data Catalog dropped support for SQL language annotations. Use the pattern replacer utility to achieve the same goals. You can search and replace patterns of text in scanner input code with the pattern replacer utility.

For more information, see *Replacing Complex Patterns in Source Code for MetaDex Scanners* How-to Library (H2L) article.

PowerExchange for Email Server for PowerCenter

Effective in version 10.5.3, Informatica dropped support for PowerExchange for Email Server for PowerCenter.

If you are using PowerExchange for Email Server to connect to Microsoft Exchange Online, you can use one of the following methods to connect to Microsoft Exchange Online from PowerCenter:

- Download a compatible third-party ODBC driver for Microsoft Exchange Online and configure an ODBC connection in a mapping to connect to Microsoft Exchange Online.
- Download a compatible third-party JDBC driver for Microsoft Exchange Online and configure a Java transformation in a mapping to connect to Microsoft Exchange Online.

Installation and Upgrade

Read this section to learn about the installation and upgrade in version 10.5.3.

Installation and Upgrade

Informatica version 10.5.3 is a hotfix release. This version 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.

You can choose one of the following installation approaches to install Informatica version 10.5.3:

- New installation
- Upgrade from a supported version
- Apply the hotfix to 10.5, 10.5.1, or 10.5.2

The instructions to install, upgrade, or apply the hotfix to a product are in the individual guides for each product.

Upgrade Paths (10.5.3)

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	You can apply the 10.5.3 hotfix to version 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch. You can upgrade to version 10.5.3 from the following previous versions: <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	You can apply the 10.5.3 hotfix to version 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch. You can upgrade to version 10.5.3 from the following previous versions: <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	You can apply the 10.5.3 hotfix to version 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch. You can upgrade to version 10.5.3 from the following previous versions: <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 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 10.5.3.
Data Engineering Streaming	You can apply the 10.5.3 hotfix to version 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch. You can upgrade to version 10.5.3 from the following previous versions: <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

Product	Versions
Data Privacy Management	You can apply the 10.5.3 hotfix to versions 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch.
Enterprise Data Catalog	<p>You can apply the 10.5.3 hotfix to version 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.3 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 10.5.3.</p>
Enterprise Data Preparation	<p>You can apply the 10.5.3 hotfix to version 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5.3 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 10.5.3.</p>
Test Data Management	You can apply the 10.5.3 hotfix to versions 10.5, 10.5.1, and 10.5.2 including any service pack or cumulative patch.

10.5.3 Fixed Issues and Closed Enhancements

This section contains issues and enhancements that were fixed in 10.5.3.

Data Engineering Integration Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
BDM-39624	Time zone information does not appear in the Blaze service logs.
BDM-39625	Time zone information does not appear in the reverse proxy server access logs.

Issue	Description
BDM-40186	When the Spark engine runs data preview on a Cloudera CDP 7.2.x Private Cloud cluster, the job fails with the following error: <pre>Error:Exception in thread "main" java.lang.NoSuchMethodError: scala.concurrent.ExecutionContext \$Implicits\$.global()Lscala/concurrent/ ExecutionContextExecutor;</pre>
PLAT-28992	When you remove the Email service from the deployment manager, the service is not disabled.

Data Engineering Quality Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
IDQ-10359	The Developer tool applies an unnecessary validation check on operation names in the Standardizer and Parser transformations.

Data Engineering Streaming Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
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-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-5777	When you run a streaming mapping with Parameterized Avro Schema format, the mapping returns incorrect data.

Issue	Description
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-5849	When you run a streaming mapping with a partitioned Hive target, an incorrect order of partition folders are created.

Data Privacy Management Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
SATS-42203	The Data Match and Metadata Match columns of imported catalog resources display incorrect values if you manually update the results in Enterprise Data Catalog before import into Data Privacy Management.
SATS-42235	Subject registry scans and row count job steps fail on a Hive data store with the following error: Could not initialize class org.apache.hive.jdbc.HiveConnection

Enterprise Data Catalog Fixed Issues and Closed Enhancements (10.5.3)

Fixed Issues

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

The following table describes fixed issues:

Issue	Description
BG-3025	You cannot delete specific glossaries from the Analyst tool.
EIC-19961	When you run a profile and a table fails, then the Catalog tool does not display the profiling results of the tables that are successfully profiled.
EIC-27445	When you delete out-of-the-box (OOTB) data domains from the Catalog Administrator tool, the data domains that are tagged to the assets in the Catalog tool are not deleted.

Issue	Description
EIC-43113	When you run a profile on the Informatica Data Quality resource, the profiling results in the Catalog tool does not display the columns that are not associated with data domains.
EIC-46696	When you scan the files using the Server Message Block (SMB) or Common Internet File System (CIFS) protocol, the job fails with the following error: SMBRuntimeException: com.hierynomus.smbj.transport.TransportException: com.hierynomus.protocol.commons.buffer.Buffer\$BufferException: Underflow
EIC-46867	When you run a profile on the external tables of a Google BigQuery resource using simple connection mode, the profile run fails with the following error: The [QUERY] job failed with the following error: [Federated queries in legacy SQL on Parquet format are not allowed.]
EIC-47333 EIC-61515	The Catalog Administrator tool does not trigger the data domain and data domain propagation jobs based on the value specified in the following custom properties of the Catalog Service: - LdmCustomOptions.scanner.systemScannerMinutelyRecurrence.DataDomain.DataDomainSyncScanner - LdmCustomOptions.scanner.systemScannerMinutelyRecurrence.DataDomainPropagation.DPScanner
EIC-47960	When you perform composite data domain discovery on a resource, the results are inconsistent if you define composite data domain rules by linking data domains using the AND operator in the condition.
EIC-56610	When you disable the schedules for the data domain and data domain propagation jobs and recycle the Catalog Service, the disabled schedules are enabled.
EIC-57942	The pre-validation utility fails with the following error: "Following directories have failed permission check validations : /opt/ informatica/ics Reason : Not empty on first run"
EIC-58801	When you run a profile on the Salesforce Metadex resource, the metadata rule based data domains are not inferred and do not appear in the profiling results.

Issue	Description
EIC-59695	<p>When you create the Informatica Cluster Service, the service fails with the following error:</p> <pre>"PrevalidationCmdMsgs_20082: ping command installation check [F̄AILED] [Output:ping: fdec:9220:5fff:9601::1100: Address family for hostname not supported Ping not configured on host fdec:9220:5fff:9601::1100 10.1.96.100]"</pre> <p>This occurs when the hostname -i command returns both the IPv6 and IPv4 addresses.</p>
EIC-60888	<p>When you run the Snowflake MetaDex scanner with profiling enabled, you cannot see the views mapped with data domains in the Catalog tool.</p>
EIC-60934	<p>If you rerun the Snowflake MetaDex scanner with an Object include filters parameter that includes multiple schemas and with enabled profiling, the MetaDex scan returns the following error:</p> <pre>Could not import generated files into EDC</pre>
EIC-61013	<p>The Microsoft Azure Data Lake Store resource fails with a null pointer exception, when you scan a specific set of ADLS Gen2 directory.</p>
EIC-61015	<p>The Enable Email Notifications Digest option is enabled by default in the Enterprise Data Catalog tool.</p>
EIC-61204	<p>You cannot apply a custom direction filter for the lineage and impact view from the Apply Filter dialog box.</p>
EIC-61205	<p>When you edit a saved filter in the Apply Filter dialog box, you cannot view the Relationship and Direction filter options.</p>
EIC-61206	<p>You cannot use the Find text box to search for a saved filter in the Apply Filter dialog box.</p>
EIC-61215	<p>An Amazon S3 V2 resource fails to extract metadata from text files.</p>
EIC-61265	<p>A Hive resource extracts incorrect mappings even when the connection assignment is correct.</p>
EIC-61304	<p>The mapping metadata extracted by a PowerCenter resource does not include control lineage for Aggregator transformations.</p>
EIC-61314	<p>When you run a profile on the Amazon S3 resource, the resource does not use the configured proxy settings.</p>

Issue	Description
EIC-61322	<p>When you run the Azure Data Factory (ADF) MetaDex scanner with high memory configuration, the resource fails with the following error:</p> <pre>java.lang.OutOfMemoryError: GC overhead limit exceeded</pre> <p>This issue occurs when the resource contains a large number of objects and links.</p>
EIC-61433	The extraction and staging processes of an Informatica Data Quality resource run continuously without getting completed.
EIC-61649	For a tabular asset from an Oracle resource, you cannot curate data domains from the Columns tab. This issue occurs if the table is associated with synonyms.
EIC-61695	When you associate an Axon glossary as a business title with an asset, the Axon glossaries appear outside the panel.
EIC-61840	You cannot apply filters in the Composite Data Domains section in the Enterprise Data Catalog tool.
EIC-62013	You cannot use the default Reports pre-filter for Microsoft Power BI reports as the pre-filter does not display the Power BI reports scanned through the MetaDex tool.
EIC-62274	When you run a profile on the Informatica Data Quality resource, the resource does not extract and display the rules and metrics related to scorecards in the Catalog tool.
EIC-62546	In the Catalog Administrator tool, you cannot view the data owner associated with a custom attribute on the Custom Attributes tab.
MDX-29806	When you run a MetaDex scanner job, the job continues for many hours without any visible progress even in debug logs.
MDX-29854	When you run expressions using the datetime module with the Databricks Notebooks MetaDex scanner, you receive multiple errors.
MDX-30048	When you scan workspaces with the Microsoft Power BI scanner, the job succeeds, but job results visible in the Catalog tool are incorrect. The lineage isn't accurate for datasets and reports located in different workspaces.
MDX-30054	The DataStage MetaDex scanner fetches the job name from an incorrect XML attribute in the operational metadata file.

Issue	Description
MDX-30173	The scanning logs for the COBOL MetaDex scanner are unreadable as they contain too much stacktrace information without any value.
MDX-30254	When you run the Informatica Intelligent Cloud Services MetaDex scanner, the job succeeds, but not all connections are visible on the Connection Assignment page.
MDX-30605	When you run the Informatica Intelligent Cloud Services MetaDex scanner for a task that contains objects with the same ID, you receive the following error: <code>Fetching objects failed: Duplicate key</code>
MDX-30655	When you run the Databricks Notebooks scanner to scan a complex notebook, the job fails with the following error: <code>OutOfMemoryError</code>
MDX-30775	You can't define a connection for the Informatica Intelligent Cloud Services MetaDex scanner if the connection name contains a lowercase letter.

Closed Enhancements

The following table describes closed enhancement requests:

Issue	Description
EIC-46760	You can associate business terms with assets in the MongoDB resource.
EIC-46867	You can use the hybrid connection mode that uses standard SQL language to profile and extract metadata from the Google BigQuery data source.
EIC-56819	You can enable composite data domain discovery on the Google BigQuery resource.
EIC-58355	You can enable similarity discovery on the SAP S/4 HANA resource.

Enterprise Data Preparation Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
IDL-18780	When you open a data asset published to a Hive table, the Value Frequency section in the Overview page does not load.

Installation and Upgrade Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
PLAT-29764	When you upgrade to Informatica 10.5.2 in console mode, the installer incorrectly prompts you to enter a password.
PLAT-30111	When you install Informatica 10.5.2 client in Windows machine, a blank screen appears in step 2 and it does not allow you to proceed to the next step. This issue occurs if the time zone is set to (UTC-12:00) International Date Line West.

Model Repository Service Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
MRS-2454	When you run a query on the MRX_LDO_DETAILS view, the query returns incorrect number of rows.
MRS-2457	When you run a query on the MRX_LDO_SRCCNT view, the query returns incorrect number of rows.
MRS-2470	When you run a query on the MRX_PDO view, the query does not list all the physical data objects in the Model Repository Service, and returns a null value for the CONN_NAME column.
MRS-2495	The MRX_MAP_SRCCNT view does not display a complete list of the source object values for mappings.
MRS-2499	When you run a query on the MRX_APPLICATION_STAT view, the query returns a null value for Application name and PARENT_STAT_ID columns.
MRS-2500	When you run a query on the MRX_RT_SQLDS_DETAILS view, the query returns a null value for VSCHEMA_DESC and VT_DESC columns.
MRS-2571	When you run a query on the MRX_RT_APP_SUMRT view, the query does not return rows.

Issue	Description
MRS-2637	The Model Repository Service does not respond when the following search index corruption issue occurs: <code>org.apache.solr.common.SolrException: No such core: solrCore.</code>
MRS-2652	When you run a query on the MRX_APPLICATION_STAT view, the query returns null values for the Application names and Application IDs that are deployed in the Data Integration Service.

Profiling and Scorecards Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
IDE-5520	When you edit the filter of a profile and save the profile, duplicate filter conditions appear in the Analyst tool.
IDE-5573	When you run a profile with primary key inference option on columns of precision greater than 255, the profile fails with the following error: <code>Argument has wrong value: expected '<=255', but was '>255'.</code>
IDE-5609	When you add metrics to a scorecard, a <code>NullPointerException</code> appears in the Analyst tool.

Test Data Management Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
TDM-29689	The SSN masking technique masks values with invalid numbers.
TDM-29815	Shuffle masking does not work as expected if the source data includes only three unique records.

Third-Party Fixed Issues (10.5.3)

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

The following table describes fixed issues:

Issue	Description
EIC-61636	The Google BigQuery resource fails with the following error when you extract metadata from access control lists: <code>com.google.cloud.bigquery.BigQueryException: Unrecognized access configuration</code>
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

10.5.3 Known Issues

This section contains known issues that were found in 10.5.3.

Data Engineering Known Issues (10.5.3)

The following table describes known issues that were found in 10.5.3:

Issue	Description
BDM-40490	When you run a Hive on S3 mapping with Hive source and target on the Blaze engine on a MapR 6.0 MEP 6.3.6 cluster, the mapping fails.
BDM-40491	<p>When you run a mapping with Hive source and target on the Spark engine on the Azure HDInsight LLAP cluster, the mapping fails with the following error:</p> <p>Caused by: org.apache.spark.SparkException: Job aborted due to stage failure: Task 0 in stage 0.0 failed 4 times, most recent failure: Lost task 0.3 in stage 0.0 (TID 3, wn3-qa7was.1320suh5npyudotcglz0izgnhe.gx.internal.cloudapp.net, executor 1): org.apache.spark.SparkException: Task failed while writing rows. at org.apache.spark.sql.execution.datasources.FileFormatWriter\$.org\$apache\$spark\$sql\$execution\$databases\$FileFormatWriter\$.org\$apache\$spark\$sql\$execution\$databases\$FileFormatWriter\$.executeTask(FileFormatWriter.scala:292) at org.apache.spark.sql.execution.datasources.FileFormatWriter\$\$anonfun\$write\$1.apply(FileFormatWriter.scala:198) at org.apache.spark.sql.execution.datasources.FileFormatWriter\$\$anonfun\$write\$1.apply(FileFormatWriter.scala:197)</p>
BDM-40550	Informatica Administrator shows an error in the mapping execution log for the log aggregation of the job cluster.

Data Engineering Streaming Known Issues (10.5.3)

The following table describes known issues that were found in 10.5.3:

Issue	Description
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-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-5842	If the fields in a complex XML schema contain a hyphen (-), the XML Kafka Data object does not load the data to a Hive table.

Data Privacy Management Known Issues (10.5.3)

The following table describes known issues that were found in 10.5.3:

Issue	Description
SATS-42324	A data store security policy that includes Data Risk Score or Classification Policy conditions does not generate violations.

Enterprise Data Catalog Known Issues (10.5.3)

The following table describes known issues that were found in 10.5.3:

Issue	Description
EIC-62011	When you run a profile on the Azure Data Lake Storage Gen2 V2 resource, the metadata scan runs successfully but the value frequency results do not appear in the Catalog tool.
EIC-62012	When you run a profile on the Azure Data Lake Storage Gen2 V2 resource, the metadata scan runs successfully but the profiling results do not appear in the Catalog tool for XML and JSON files.
EIC-62076	On the Overview tab of MetaDex scanner job mappings, you cannot view controlling asset information.

Issue	Description
EIC-62148	When you upload a synonym file that contains an empty business glossary column, the error message displayed is incorrect.
EIC-62170	You can view the data owner, data steward, and subject matter expert attributes as filters on the Search Results page even if you do not enable the Allow filtering option for the attributes.
EIC-62303	When you export jobs using the AxonExports API, the Monitor Jobs page includes empty job types.
EIC-62304	When you use the AxonExports REST API to export Axon assets, the job status appears as Failed in the Monitor Jobs page.
EIC-62318	You can view the related technical assets in the data set Overview page for an Informatica Axon resource.
EIC-62323 and EIC-62272	Performance issues are noted in the resolve and publish phases during metadata extraction for the following resources: <ul style="list-style-type: none"> - Google BigQuery - SQL Server Integration Service
EIC-62324	In the Catalog Administrator tool, you might notice a difference in the number of assets extracted by a SAP BusinessObjects resource pre-upgrade and post-upgrade.
EIC-62362	Refreshing the application configuration in the Catalog Administrator tool, disables the previously enabled Allow Filtering option for out-of-the-box attributes.
EIC-62384	Performance is slow when you enable data discovery and run the Oracle resource with 90k volume.
EIC-62416	In the Lineage and Impact tab, you cannot view the internal lineage between views for a Google BigQuery resource.
EIC-62435	The Microstrategy resource scan fails with an exception during staging.
EIC-62456	On the Progress section of the Monitoring tab, you cannot view the operation name, start time, and end time of a resource scan.
EIC-62487	If you use an Amazon S3 resource to extract metadata from Parquet files, you cannot view column-level lineage.
EIC-62505	You cannot export a Tableau Data Extract (TDE) file on a tabular asset after you upgrade to Enterprise Data Catalog version 10.5.3. The export fails with an error.

Issue	Description
EIC-62512	You cannot export data domains from some panels. The export fails and the job status appears as Failed in the Monitor Jobs page.
EIC-62517	When you add users to receive scan failure notifications for a resource, the users receive asset change and email notifications.
EIC-62650	The test connection fails for an offline Oracle resource with the following error: oracle/jdbc/driver/OracleDriver has been compiled by a more recent version of the Java Runtime (class file version 55.0), this version of the Java Runtime only recognizes class file versions up to 52.0
MDX-31121	When you run the Data Integration Hub scanner to scan a mapping task with the Snowflake Cloud Data Warehouse connector, the job fails with the following error: Could not process session v2_del_3_dw.mt_m_s3_snowflake_dw.mt_m_s3_snowflake_dw. Error: null
MDX-31684 and MDX-31718	The Informatica Intelligent Cloud Services MetaDex scanner fails to extract metadata from Business 360 assets that have hierarchies.

Informatica Developer Known Issues (10.5.3)

The following table describes known issues that were found in 10.5.3:

Issue	Description
BDM-40283	When you use SQL constraints on a relational object in a mapping, <ul style="list-style-type: none"> - You can't parameterize SQL constraints with an expression as a parameter type. - You can't process the SQL constraint condition when you perform the data preview of non-parameterized SQL constraints.

Informatica Installer Known Issues (10.5.3)

The following table describes known issues that were found in 10.5.3:

Issue	Description
PLAT-30174	If you apply the 10.5.3 hotfix, the 10.5.3 uninstallation fails on Linux. Workaround: Delete the remaining files manually from the Informatica installation directory.

PowerCenter Known Issues (10.5.3)

The following table describes known issues that were found in 10.5.3:

Issue	Description
PLAT-29878	When you run the Configuration Support Manager (CSM) diagnostics for the worker node, the diagnostics report opens as a blank page. This issue occurs in a multi-node cross-realm domain.

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
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.
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-38130	Mappings running on the Blaze engine for a long time fail with delegation token error.

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 Limitations (Cumulative)

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

Issue	Description
SATS-42168	Snowflake Advanced Scanner data store scan results do not include views.
SATS-42220	The risk score value that appears on the Data Stores page differs from the value that appears on the Risk Score Details page.

Domain Known Limitations (Cumulative)

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

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 Limitations (Cumulative)

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

Issue	Description
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-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-58468	You cannot filter connections in the Connection Assignment workspace when you select LABEL_NONE_ in the Group By drop-down list.

Issue	Description
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-60975	Asset navigation issues appear in the following scenarios: <ul style="list-style-type: none"> - When you open a tab in a child asset, and then open a foreign or primary key relationship link in the parent asset, the Catalog tool incorrectly navigates you to the tab opened in the child asset. - When you click Show All to open the Tables dialog box for an asset and then click on the foreign key relationship link, the asset is moved under the Keys tab.
EIC-61077	Inferred business titles do not appear for a Power BI resource in the Catalog tool.
EIC-61151	When you add data stewards, data owners, or subject matter experts, the Catalog tool fails to load users if there are more than 2500 users.

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)

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

Issue	Description
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> <pre>MetaException (message:Permission denied: user [<impersonation user>] does not have [SELECT] privilege on [default])</pre> <p>Workaround: In Ranger, add SELECT privileges to the default database for all users who run Spark queries. Cloudera ticket: CDPD-12622</p> <p>For more information, see Cloudera 7.1.1 Release Notes.</p>
BDM-39472	<p>Mappings with a Hive source and target fail when the following conditions are true:</p> <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. <p>Apache ticket reference number: https://issues.apache.org/jira/browse/HIVE-25999</p>

Emergency Bug Fixes Merged into 10.5.3

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.5.3. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.5.3, see the following Informatica Knowledge Base article:

<https://knowledge.informatica.com/s/article/What-are-the-Emergency-Bug-Fixes-EBFs-merged-into-Informatica-10-5-3>

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