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# Preface

Informatica 10.5.9 is a hotfix release that contains information about multiple emergency bug fixes, restricted functionality, known issues, and bug fixes.

The hotfix supports PowerCenter, Informatica Data Quality, Data Engineering products, Data Catalog products, Data Privacy Management, Enterprise Data Preparation, and Test Data Management products.

It is available on 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 and Upgrade in version 10.5.9.

### Installation and Upgrade

Informatica version 10.5.9 is a hotfix release. This version supports PowerCenter, Informatica Data Quality, Data Engineering products, Data 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 use Informatica version 10.5.9:

- New installation
- Upgrade from a supported version
- Apply the hotfix to 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8

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

## Upgrade Paths (10.5.9)

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 10.5.9 hotfix to version 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5 from the following previous versions, and then you can apply {Conref}10.5.9 hotfix:</p> <ul style="list-style-type: none"><li>- 10.2 including any hotfix, service pack, or cumulative patch</li><li>- 10.4 including any service pack or cumulative patch</li><li>- 10.4.1 including any service pack or cumulative patch</li></ul>
Informatica Data Quality	<p>You can apply the 10.5.9 hotfix to version 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5 from the following previous versions, and then you can apply {Conref}10.5.9 hotfix:</p> <ul style="list-style-type: none"><li>- 10.2 including any hotfix, service pack, or cumulative patch</li><li>- 10.4 including any service pack or cumulative patch</li><li>- 10.4.1 including any service pack or cumulative patch</li></ul>
Data Engineering Integration Data Engineering Quality	<p>You can apply the 10.5.9 hotfix to version 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5 from the following previous versions, and then you can apply {Conref}10.5.9 hotfix:</p> <ul style="list-style-type: none"><li>- 10.2 including any hotfix, service pack, or cumulative patch</li><li>- 10.2.1 including any hotfix, service pack, or cumulative patch</li><li>- 10.2.2 including any hotfix, service pack, or cumulative patch</li><li>- 10.4 including any service pack or cumulative patch</li><li>- 10.4.1 including any service pack or cumulative patch</li></ul> <p><b>Important:</b> 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 10.5.9.</p>
Data Engineering Streaming	<p>You can apply the 10.5.9 hotfix to version 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5 from the following previous versions, and then you can apply {Conref}10.5.9 hotfix:</p> <ul style="list-style-type: none"><li>- 10.2.2 including any hotfix, service pack, or cumulative patch</li><li>- 10.4 including any service pack or cumulative patch</li><li>- 10.4.1 including any service pack or cumulative patch</li></ul>
Data Privacy Management	<p>You can apply the 10.5.9 hotfix to versions 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5 from the following previous versions, and then you can apply 10.5.9 hotfix:</p> <ul style="list-style-type: none"><li>- 10.4 including any service pack or cumulative patch</li><li>- 10.4.1 including any service pack or cumulative patch</li></ul>

Product	Versions
Enterprise Data Catalog	<p>You can apply the 10.5.9 to version 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5, 10.5.1, 10.5.2, 10.5.3, or 10.5.4 from the following previous versions, and then you can apply the 10.5.9 hotfix:</p> <ul style="list-style-type: none"> <li>- 10.4 (including any service packs or cumulative patches)</li> <li>- 10.4.1 (including any service packs or cumulative patches)</li> </ul> <p><b>Important:</b> If Enterprise Data Catalog and Data Engineering are in the same domain of a version 10.4.1, 10.4 or earlier, upgrade them both to version 10.5, 10.5.1, 10.5.2, 10.5.3, or 10.5.4 before you upgrade to 10.5.9.</p>
Enterprise Data Preparation	<p>You can apply the 10.5.9 hotfix to version 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5, 10.5.1, 10.5.2, 10.5.3, or 10.5.4 from the following previous versions, and then you can apply 10.5.9 hotfix:</p> <ul style="list-style-type: none"> <li>- 10.4 including any service pack or cumulative patch</li> <li>- 10.4.1 including any service pack or cumulative patch</li> </ul>
Test Data Management	<p>You can apply the 10.5.9 hotfix to versions 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5, 10.5.6, 10.5.7, or 10.5.8 including any service pack or cumulative patch.</p> <p>You can upgrade to version 10.5 from the following previous versions, and then you can apply 10.5.9 hotfix:</p> <ul style="list-style-type: none"> <li>- 10.4 including any service pack or cumulative patch</li> <li>- 10.4.1 including any service pack or cumulative patch</li> </ul>

## Pre-validation Check for Passwordless SSH Before You Install or Upgrade to the Latest Enterprise Data Catalog Version

Effective from 10.5.9, before you install or upgrade to the latest version of Enterprise Data Catalog, run a pre-validation check for passwordless SSH prior to the MongoDB upgrade process.

**Note:** If the Informatica Cluster Service gateway host is not included in the list of Mongo hosts, you must configure passwordless SSH on the primary Mongo host `$mongoHost[0]`.

The configuration ensures secure, password-free communication between Mongo and the gateway hosts, and internally within the primary Mongo host.

### Steps to Configure Passwordless SSH

1. Log in to the host. For example, to log in to `<hostname>.informatica.com` with a user credentials, use the following command:

```
ssh <username>@<hostname>.informatica.com
```

2. Check for the existing SSH keys. If there are none, generate one with the following command:

```
ssh-keygen -t rsa -b 4096 -N "" -f ~/.ssh/id_rsa
```

The command generates a new SSH with no passphrase.

3. Copy the SSH public key from the source host to target host:

```
ssh-copy-id <username>@<hostname>.informatica.com
```

### Example

You have the following hosts in the `username>@<hostname>.informatica.com` format:

- Domain host: `lspe002577.informatica.com`
- Gateway host: `lspe002578.informatica.com`
- Mongo hosts: `lspe002579.informatica.com`, `lspe002580.informatica.com`,  
`lspe002581.informatica.com`

Perform the following configurations in the given sequence to configure passwordless SSH:

1. Configure passwordless SSH on Domain `lspe002577.informatica.com` to connect to the Mongo host `lspe002579.informatica.com`.
2. Configure passwordless SSH on `lspe002579.informatica.com` to connect to itself `lspe002579.informatica.com`.
3. Configure passwordless SSH on `lspe002579.informatica.com` to connect to the gateway host `lspe002578.informatica.com`.

## Resolve Informatica Products Installation Failure on Windows 2025

When you run the Informatica installer or uninstaller softwares on Windows 2025 operating system, the following error appears:

```
ERROR: Flexeraax2$aaa: Windows DLL failed to load at Flexeraax2.af(Unknown Source)
```

To run the Informatica installer or uninstaller softwares successfully, perform the workaround mentioned in the following Informatica Knowledge Base article:

<https://knowledge.informatica.com/s/article/ERROR-Flexeraax2-aaa-Windows-DLL-failed-to-load-at-Flexeraax2-af-Unknown-Source-when-you-run-the-Informatica-installer-or-uninstaller-software-on-Windows-2025-operating-system>

## 10.5.9 Fixed Issues

This section contains issues and enhancements that were fixed in 10.5.9.

### Data Engineering Integration Fixed Issues and Closed Enhancements (10.5.9)

#### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
PLAT-31750	When you run a mapping with unstructured data transformation, the mapping becomes unresponsive.
PLAT-30505	When you click an error code in the Administrator tool log, the home page of Informatica Knowledge Base appears instead of the related article.
PLAT-30498	When you search the Informatica Knowledge Base from the Administrator tool, the 500 Internal Server error appears.
BDM-43078	When the HTTP request body of a POST call using REST Web Service transformation contains a missing curly brace, request body format issues occur.
BDM-43014	When you enable the <code>infa.eclipse.enable.tools.osgi JVM</code> option to resolve the profile creation column listing issue, the connection fails in the Analyst tool, while all the connections are successful in the Informatica Administrator.
BDM-43008	When you run a workflow with gateway services enabled, the workflow fails with the following error: <code>Timed out while waiting for service start. Please check service logs in / root/Informatica/10.5.X/infacmdgateway/root and try again.</code>
BDM-43005	Mapping Services redundantly gets Hive table metadata multiple times during streaming mapping, resulting in redundant operations before submitting the mappings to the Spark engine.
BDM-42943	The Data Integration Service fails to run the REST API calls and returns a 500 status code.
BDM-42910	When you run a mapping on the Spark engine with a Hive custom query that includes a comment, the mapping fails with the following error: <code>com.informatica.sdk.dtm.ExecutionException: [[HIVE_1068] The Integration Service failed to run the Hive command</code>
BDM-42355	When you run a mapping with a Java transformation that reads htype data in a Cloudera Data Platform 7.2.18 AWS Kerberos cluster on the Spark 3.4.1 engine, mapping fails and raises the following error: <code>org.apache.spark.sql.AnalysisException: cannot resolve 'jtxcast(`0`)' due to data type mismatch: Cannot jcast StructType</code>
BDM-42253	Mapping on the Spark engine in Data Engineering Integration version 10.5.6 integrated with Cloudera Data Platform version 7.1.9 Service Pack 1, fails with the following error: <code>No enum constant org.apache.tez.common.counters.DAGCounter.INITIAL_HELD_CONTAINERS</code>

## Closed Enhancements

The following table describes closed enhancements:

Issue	Description
BDM-42994 BDM-43000	After you upgrade to Data Engineering Integration 10.5.7 and Elastic Map Reduce 7.1, Spark mappings run successfully with enhanced performance when one section of the data is partitioned using hash partitioning and the other section uses single partitioning.

## Enterprise Data Catalog Fixed Issues (10.5.9)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
EIC-69459 EIC-69428	The data domain propagation job fails unexpectedly with a Java Out of Memory (OOM) error.
EIC-69441	The Data Asset Analytics (DAA) dashboard fail to reflect the latest data due to the delay in the DAA events and queue processes.
EIC-69421	When you scan an Oracle resource, Enterprise Data Catalog fails to show the table relationship in the Oracle view.
EIC-69413	Incorrect data in the Internal API <code>/1/catalog/data/search/index</code> might cause the API to trigger a full reindex instead of indexing a specific resource.
EIC-69394	When you get the workflow run details of a Data Flow Analytics (DFA) resource, the following error occurs: <code>ERROR org.hibernate.engine.jdbc.batch.internal.BatchingBatch- HHH000315: Exception executing batch [org.hibernate.StaleStateException: Batch update returned unexpected row count from update [99]; actual row count: 0; expected: 1;</code>
EIC-69360	When you scan a Data Flow Analytics (DFA) resource, the following Out of Memory error occurs: <code>ERROR com.informatica.claire.mappings.analysis.service.impl.MappingsAnalysisService-mapping analysis for train Train{id=461} failed java.lang.OutOfMemoryError: Requested array size exceeds VM limit</code>
EIC-69336	Unable to create an Apache Atlas resource as log in to Apache Atlas with a valid username and password fails.
EIC-69332	When you export assets after you upgrade, the Data Asset Analytics database schema fails to display the grandchildren.
EIC-69259	When the data discovery function encounters an unknown data type, data discovery for a Google BigQuery Advanced resource fails.
EIC-69253	Missing tables in the Oracle lineage view.
EIC-69248	When you enable Informatica Cluster service on RHEL version 9.x with OpenSSL version 3.2.2, the mongod process consumes a high amount of CPU.
EIC-69239	If an asset contains any unanswered questions, the review section does not display as expected in both the Overview and Reviews tabs.
EIC-69235	When you try to display similarity columns information on the Columns Assets page, the Enterprise Data Catalog UI becomes unresponsive.
EIC-69230	The Hadoop Distributed File System scanner fails to run in Enterprise Data Catalog despite proper permission settings.

Issue	Description
EIC-69223	In Enterprise Data Catalog, tooltips containing a less-than < character fail to display content correctly.
EIC-69210	After a user loses access to a resource due to group changes, the Followers information incorrectly remains visible in the UI when logged in with Administrator privileges.
EIC-69196	In the Lineage and Impact tab, you cannot delete a saved filter that contains quotation marks (") in the filter name.
EIC-69194	When you create WebI models in SAP BusinessObjects with a custom query, the source lineage does not show in Enterprise Data Catalog.
EIC-69193	After you upgrade Enterprise Data Catalog, the Data Domain propagation fails from missing bulk import validation.
EIC-69187	When you filter with over 400 custom attribute values and a few values contain \n character in the Enterprise Data Catalog UI, the search fails with the following error: No results found for the specified filter criteria.
EIC-69180	When you use multiple nested parenthesis ( {{...}} ) or the trim() function, view lineage fails with the following error in the log file: ERROR com.infa.products.ldm.scanners.googlebigqueryscanner.lineage.LineageBuilder- Error processing the SQL query for the view : BANK_ALS_ACCT_CLASS_CD_EXTRACT_G
EIC-69177	When you run Data Profiling, if the Databricks Advanced scanner encounters assets with columns that have NULL datatypes, Data Discovery fails with a null pointer exception.
EIC-69169	When you import custom models that uses the old XML data format, the export fails.
EIC-69165	Unable to clear previously selected values in the Package field for the SAP HANA resource type.
EIC-69161	When the SAP HANA database public synonyms have hyphen, the scan job fails encounters a null pointer exception and fails to run.
EIC-69158	When you upgrade Enterprise Data Catalog to version 10.5.8 and the gateway host is not part of the MongoDB hosts, MongoDB fails to start and displays the following error: ERROR [ServiceRegisterThread-Mongo-prevalidate- nohostforjirascreening:ScriptLauncher@494] - Validate MongoDB Service on nohostforjirascreening.com
EIC-69147	When the length of the Axon glossary business term name exceeds 255 characters, the business term association in Enterprise Data Catalog fails with the following error: java.lang.IllegalArgumentException: Long Form for Alignment [Business Term Name] longer than max string size 255.
EIC-69146	Importing an asset with a hyperlink after editing, saving, and refreshing the page breaks the hyperlink.
EIC-69144	When you remove a custom attribute value and later cancel the removal, the attribute incorrectly disappears from the UI despite the cancellation. The attribute value correctly persists after a browser refresh.
EIC-69139	When you tag Data Domains to assets of the com.infa.ldm.bdm.platform.Field subclass, the Data Domain Propagation (DDP) job fails.



Issue	Description
EIC-69105	When you run RestoreContent on a FIPS-enabled Enterprise Data Catalog, a fatal OpenSSL FIPS self-test failure occurs.
EIC-69104	The mappings incorrectly map columns from source tables to PowerCenter fields.
EIC-69102	User data permissions do not persist for reference resources in LDM admin in the Administrator tool.
EIC-69091	After you refresh the page, the hyperlink in the custom field of an asset stops functioning correctly.
EIC-69084	You cannot assign permissions to resources with non-printing characters in the resource names.
EIC-69054	After you upgrade Enterprise Data Catalog to version 10.5.7 and the superuser access for a gateway user is incorrectly configured, the mongod process fails to run.
EIC-69044	When you scan an Amazon S3 resource in Enterprise Data Catalog, the extraction fails to retrieve metadata details from unstructured files.
EIC-68976	Scanning of an Atlas resource without internet connectivity fails with the following error: FATAL MBCM_F0029 java.lang.NoClassDefFoundError: org/apache/http/config/Lookup
EIC-68888	The Expand All option for specific lineages in the Catalog UI fails to load the assets.
EIC-68762	Saving and refreshing the asset causes the hierarchy in custom attributes sourced from Axon Glossaries to be lost.
EIC-68746	Despite setting the sort order, the resource list incorrectly appears sorted by creation time.
EIC-68521	The Security and the Resources tab of LDM admin take a prolonged load time.
EIC-68416	When an Informatica Axon resource parses the Unison response, the resource metadata scan fails with a JSON null exception.
EIC-67813	The Export option does not appear for similar columns in the Relationship tab.
DAA-2732	Lineage records in Data Asset Analytics incorrectly reference target assets unavailable in the Enterprise Data Catalog.

## MetaDex Scanner Fixed Issues (10.5.9)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
SCAN-7159	Azure Data Factory Reader does not detect dataflow parameters in the default file. The issue results in missing parameter errors and warnings about undefined default values.
SCAN-22075	When you run a Databricks scan, the Databricks Advanced Scanner might fail to resolve the expression errors and the following error might occur: Failed to resolve expression <code>df.schema.fields[0].dataType</code>
SCAN-21583	When you run a Databricks scan, the schema appears missing and the following error might occur: [Databricks][JDBCDriver](500051) ERROR processing query/statement. Error Code: 0, SQL state: 42704, Query: show table***, Error message from Server: org.apache.hive.service.cli.HiveSQLException: Error running query: [SCHEMA_NOT_FOUND]
SCAN-21280	Databricks scanner logs contains the following warnings for Timestamp or Date data type: WARN Unknown dataType : timestamp WARN Unknown dataType : date
SCAN-21247	When you run the SAS Metadex scanner with a .sas file that contains a variable name instead of a literal as a symbol-table in symputx, the following error occurs: Exception during converting SAS step: Unsupported expression of type: Unknown data _null_
SCAN-21126	The SAS Metadex scanner fails to parse the label and displays it as the Display Name in Enterprise Data Catalog.
SCAN-21094	After you apply the latest MetaDex EBF and enable lineage from the utility with an encrypted token, the Databricks scan might fail with the following unauthorized error: [main] ERROR (EdcRestCommunication:151) - Unauthorized Line 31702: 25/05/23 18:08:51.958 [main] ERROR (EdcRestCommunication:119) - Http request GET <AzureDatabricksURL> HTTP/1.1 returned invalid code 401: Unauthorized
SCAN-20442	When you scan a Databricks resource in the Metadex Advanced Scanner and the code includes the Upper function, the following error appears: Unknown attribute upper on object of class StringMethods
SCAN-20441	When you scan a Databricks resource in the Metadex Advanced Scanner and the code includes the regex function, the following error appears: Only regex=false is supported, got (boolean True) instead
SCAN-20440	When you use the Metadex Advanced Scanner which includes the function udf on object of class module, the following error appears: Unknown attribute udf on object of class module
SCAN-20439	When you scan a Databricks resource in the advanced scanner, the following error appears: Cannot call PythonPandasSeriesForColumn "to_parquet"
SCAN-20360	You cannot view the lineage for Microsoft Power BI dataset table asset if the DAX expression references an upstream table measure.
SCAN-20061	When you run a Microsoft Azure Data Factory catalog source job to extract metadata from pipelines that contain activities with system variables, the system variables don't get extracted.

Issue	Description
SCAN-20005	When you scan an empty BEGIN-END block in Google BigQuery using MetaDex, the following error appears: Failed to parse statement. Unable to parse script.
SCAN-18601	You cannot view the lineage for the Microsoft Azure Data Factory Activity assets if parameters with functions are used in the dataset.
SCAN-18442	When you scan a Databricks resource in the advanced scanner, the Azure Data Lake Storage endpoints are missing.
SCAN-18292	When you connect to the Microsoft SQL Server Reporting Services (SSRS) in MetaDex, the scanner fails to parse expressions with the following error: Could not parse expression:com.compactsolutionsllc.cdime.common.exceptions.CdimeRuntimeException: Object ofclass ReportExpressionScalar does not support method call
SCAN-17987	A parse error occurs while processing SAS steps due to unsupported complex options for maxprint.
SCAN-17911	The SAS debug log gets incorrectly filled with repeated debug messages indicating the unsupported DATETIME () function calls.
SCAN-17887	Table metadata resolution error occurs for SAS external tables.
SCAN-17884	A parsing error occurred in the SAS scanner within MetaDex,specifically related to the float token.
SCAN-17266	Parse error on token %include incorrectly converts %include from a macro statement to an SAS statement.
SCAN-17264	The ReportExpressionScalar SSRS expression does not support the Contains method.
SCAN-17213	Cannot resolve SDRDP_TABLE as either a PL/SQL object or type.
SCAN-17082	MetaDex fails to recognize statement with brackets in scripts and encounters the following error: Parse error (InputMismatch) on token: '('
SCAN-17053	MetaDex fails to find the Teradata procedure, PRC_POP_AUD_ORDER_INCOME in Enterprise Data Catalog when it processes the function, PRC_POP_AUD_ORDER_INCOME_ALL.
SCAN-16654	When scanning source tables, the pipeline fails to recognize the tables and encounters multiple errors while parsing the PL/SQL query.
SCAN-12789	When the pipeline processes data from ADLS to Azure SQL, the pipeline fails to resolve the archive file names.
SCAN-11974	The SQL Server Reporting Services reader fails with parsing errors.
SCAN-10927	When you use a connection string where a parameter's value contains an equals sign = , the SQL Server Reporting Services scan fails.

## Informatica Data Quality Fixed Issues (10.5.9)

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

The following table describes fixed issues:

Issue	Description
IDQ-10959	When you execute a mapping on the Data Integration Service running on grid nodes, though the deployed application is running, the mapping fails with the following error: The Mapping Service Module [MappingService] application <AppName> is not started
IDQ-10933	When you test a rule specification in the Analyst tool, the following error appears: Cannot Test Rule Specification
IDQ-10914	When you run Informatica Data Quality mappings on Hadoop distributions with Spark 3.x version such as Cloudera Data Platform 7.1.9, HDInsight 5.1, EMR 7.1, MapR 7.2, and Cloudera Data Platform Public Cloud 7.2.18 on the Spark engine, the Summary Statistics page fails to display results as expected.
IDQ-10906	The scorecard notification email shows incorrect information about the current score.

## On Premise Connectivity Fixed Issues and Closed Enhancements (10.5.9)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
OCON-31796	When you run a mapping on the Spark engine using Java Database Connectivity (JDBC) driver and the source custom query includes single-line comments within multi-line comments, the mapping fails with the following error: com.microsoft.sqlserver.jdbc.SQLServerException: Missing end comment mark '/'
OCON-31795	A mapping with a WebService Consumer fails to process the SOAP response with the following error: FATAL : (213528   ) : (IS   Integration_Grid) : INFA_NODE_5 : : ***** FATAL ERROR : An unexpected condition occurred in file [/export/home/builds/pc9x_root/1050/build/powrmart/common/cmnmisc/pm118n/pmustring.hpp] line [896]. Aborting the DTM process.
OCON-31755	When you run a mapping in the native environment, the mapping sometimes fails with the following error: no imf container for com.informatica.adapter.sdkadapter.patternblocks.catalog.impl.P_CatalogImpl
OCON-31694	After you upgrade, the domain fails to start with NT LAN Manager (NLTM) authentication on Microsoft SQL Server with the following error: org.apache.catalina.core.ApplicationContext log SEVERE: [main] Servlet.init() for servlet [ISPWebStarter] threw exception java.lang.NoSuchMethodError: 'java.lang.Class com.informatica.classloader.b.e()'

Issue	Description
OCON-31693	When you run a mapping on the Spark engine with a plain Java Database Connectivity (JDBC) connection and IDENTITY_INSERT is set to OFF, the mapping fails with the following error: Cannot insert explicit value for identity column in table '<table_name>' when IDENTITY_INSERT is set to OFF.
OCON-31579	When you run a mapping that contains both Microsoft Azure SQL Data Warehouse and JDBC connection at the same time, the mapping enters an unresponsive state.
OCON-31479	After you upgrade to PowerExchange for MongoDB (ODBC) driver version 2.4.1.1001, the datetime fields are incorrectly processed as integer fields.
OCON-27731	A session with an ODBC Teradata target fails intermittently with the following error: [Teradata][ODBC Teradata Driver][Teradata Database] Syntax error, expected something like ')' between '?' and ';'. "

### Closed Enhancements

The following table describes closed enhancements:

Issue	Description
OCON-31745	When you provide a new table name at run time, the Snowflake dynamic mapping supports refresh of the schema with a runtime table name override.

## PowerCenter Fixed Issues and Closed Enhancements (10.5.9)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
PLAT-31828	The Admin Console fails to start in Resource-Based Constrained Delegation mode on AIX.
PLAT-31600	The Java Management Extensions (JMX) server lacks support for TLS version 1.3 and domain-specific cipher suites.
CORE-11361	Session with SQL transformation with DSN-less connection for Microsoft SQL Server configured with Transport Layer Security (TLS) in Strict mode fails.
CORE-11355	After upgrade, the mappings with multiple Snowflake sources become invalid during checkout or validation due to missing join conditions.
CORE-11354	When you delete a non-reusable session from the PowerCenter Repository, the repository database generates the following syntax error: Incorrect syntax near 'D'

Issue	Description
CORE-11340	When you import workflow XML files copied from existing workflows, the PowerCenter Repository unexpectedly shuts down.
CORE-11334	Yellowbrick Data Warehouse connector for PowerCenter fails to create new sources.
CORE-11315	When you have multiple unconnected lookup pipelines in a mapping, the mapping fails with the following error: FATAL ERROR : An unexpected condition occurred in file [/export/home/builds/pc9x_root/1052/build/powrmart/server/dmapper/trans/lkpdynpipeline.cpp]
CORE-11296	When the repository backup file contains incompatible UTF-8 characters in the description field, PostgreSQL database insertion fails during the restore process.
CORE-11278	When the web service workflow session terminates, the session becomes unresponsive at the stopping state until you abort.
CORE-11277	Mapping fails intermittently with an assert in lkpdynpipeline.cpp (line #2314).
CORE-11268	When you use Informatica Identity Resolution (IIR) with an input file that does not contain date data, the PowerCenter Designer displays the following error: IRCT_50008 : [ERROR] ErrorLog: [2024-12-13 11:16:35.238771 34] Invalid value specified for date '20020710' or '
CORE-11239	When you import objects with the group information from an existing source object while creating the Data Source Qualifier, the pmrep object import command stops responding and displays the following error: ERROR: Unexpected condition at file:[/export/home/builds/pc9x_root/1056/build/powrmart/common/reposit/allwidg1.cpp]
CORE-11211	Failed to create separate cache directories for persistent and non-persistent lookups without overriding the \$PMCacheDir variable.
CORE-11184	The pmrepagent process threads lack the required stack size for execution.
CORE-11171	When you try to recover a suspended workflow that contains an Assignment task, the PowerCenter Integration Service enters into an unresponsive state.
CORE-11170	When you run a workflow, the following error occurs intermittently: TM_6795 The Repository Service marked the session or session instance as impacted, and the Integration Service is not configured to run impacted sessions.
CORE-11166	When workflows contain assignment tasks, the PowerCenter Repository Service stops responding unexpectedly.
CORE-11144	When you run a workflow with multiple pipelines that run intermittently, the following error occurs: The session has been invalidated because some transformations say 'Was moved across pipelines. Order of pipeline was not proper.
CORE-10977	After you upgrade to PowerCenter 10.5.2, the OPB_TASK_ATTR table contains duplicate entries causing performance degradation.

## Closed Enhancements

The following table describes closed enhancements:

Issue	Description
CORE-11155	You can view session logs older than three days in the PowerCenter Workflow Monitor.

## Profiling and Scorecards Fixed Issues (10.5.9)

### 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 in the Analyst tool, the <code>NoSuchMethodException</code> error appears.
IDE-4186	After you apply a filter on any of the metrics, the scorecard in the Analyst tool incorrectly updates the variable cost of other metrics without a filter to zero.

## Test Data Management Fixed Issues (10.5.9)

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

The following table describes fixed issues:

Issue	Description
TDM-30528	The Test Data Management workflow fails with the following error: <code>[javax.xml.stream.XMLStreamException: Maximum attribute size limit (524288) exceeded]</code>
TDM-30527	When you try to create an index in Test Data Management, the index creation fails with the following error: <code>Execution Failed :: CREATE INDEX "&lt;owner_name&gt;". "&lt;temporary_table_name&gt;" ON "&lt;owner_name&gt;". "&lt;temporary_table_name&gt;" ( "ORDER BY" ) PARALLEL ( DEGREE 1 INSTANCES 1) Exception - java.sql.SQLException: [informatica][Oracle JDBC Driver][Oracle]ORA-14451: unsupported feature with temporary table</code>

## 10.5.9 Known Issues

This section contains known issues that were found in 10.5.9.

## Data Engineering Integration Known Limitations (10.5.9)

The following table describes known issues that were found in 10.5.9:

Issue	Description
PLAT-31623	When profiling a JSON file with 25,000 unique fields in the Spark engine, the profile fails during Spark scala code generation with the following error: SEVERE: Spark task [InfaSpark0] failed with the following error: [com.informatica.sdk.dtm.ExecutionException: [SPARK_1003] Spark task [InfaSpark0] failed with the following error: [User class threw exception: java.lang.Exception: Compilation failed: error: Error while emitting com/informatica/exec/InfaSpark0\$ Method too large: com/informatica/exec/InfaSpark0\$.anonfun\$main\$2 (Lorg/apache/spark/sql/Dataset;)Lorg/apache/spark/sql/Dataset
CORE-11381	The Repository Service preserves database connection passwords when you upgrade the domain from 10.4.1 to 10.5.5, but loses them when you migrate that Repository Service to 10.5.9 domain.
BDM-43096	When you run the imported wf_sanity_blob workflow, the HDInsight Ambari server fails to create a cluster and displays the java.lang.NoClassDefFoundError error.

## Enterprise Data Catalog Known Limitations (10.5.9)

The following table describes known issues that were found in 10.5.9:

Issue	Description
EIC-69346	When you profile data on Google BigQuery tables that contain columns with data types allowing values longer than 255 characters, the data discovery fails with the following error: ORA-12899: value too large for column.
EIC-69261	The Db2 for z/OS resource extracts aliases as synonyms but omits breadcrumb navigation and column information from the extracted metadata.
EIC-69242	When you run profiling on a CSV file with Little-endian UTF-16 Unicode text, profiling fails with the following error: SEVERE: [DBG_21683] Fatal Error: Exchange [t_DP_SRC domainsjag_utf16.csv_1471039775813633]: Length may not be set properly for the string columns. SEVERE: [PM_PCCLMSG_EN_90083] Internal error. Failed to dispatch data in the reader partition. Contact Informatica Global Customer Support. Workaround: Modify the UTF-16 Unicode text to UTF-8 Unicode text in the CSV file.



## MetaDex Scanner Known Limitations (10.5.9)

The following table describes known issues that were found in 10.5.9:

Issue	Description
SCAN-24778	<p>When you import a Databricks configuration from a previous release into the MetaDex tool, the import job fails to run with the following warning:</p> <p>Cannot run job because not all required fields are filled</p> <p>Workaround: If the configuration directory field is empty, set the following values:</p> <ul style="list-style-type: none"><li>- Enter the path to the notebook directory. For example, /&lt;Notebook Directory&gt;/.</li><li>- Enter / if there are no notebooks to preload.</li></ul>

## On Premise Connectivity Known Limitations (10.5.9)

The following table describes known issues that were found in 10.5.9:

Issue	Description
OCON-31804	<p>On CDP 7.3.1, the Sqoop mappings with Oracle as the target fail with ORA-00604 and ORA-12705 errors related to National Language Support (NLS) environment issues.</p>

## PowerCenter Known Limitations (10.5.9)

The following table describes known issues that were found in 10.5.9:

Issue	Description
CORE-11375	<p>When using the pmrep CreateConnection command with the -T option for DSN-less ODBC SSL connections to SSL-enabled Microsoft SQL Server databases, the message incorrectly includes Sybase instead of referencing just Microsoft SQL Server.</p>
CORE-11352	<p>When restoring a repository in PowerCenter having a Microsoft SQL Server workflow connection with encryption enabled, the Trust Store Password field in the connection settings is empty.</p>
CORE-11259	<p>When you configure the encryption method to None in Microsoft SQL Server, the TLS options remain enabled instead of being disabled. The Microsoft SQL Server ignores and uses the default behavior.</p>

## Third-Party Known Limitations(10.5.9)

The following table describes third-party known issues that were found in 10.5.9:

Issue	Description
OCON-31845	When you run a Sqoop mapping on the Spark engine in Amazon Elastic MapReduce version 7.1, the mapping fails with the following error: <pre>java.lang.NoSuchMethodError: 'void org.apache.avro.Schema\$Field.&lt;init&gt;(java.lang.String, org.apache.avro.Schema, java.lang.String, org.codehaus.jackson.JsonNode)'</pre> Workaround: Add the Avro-1.8.2.jar file in the EMR7.1/lib directory.

## Emergency Bug Fixes Merged into 10.5.9

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.5.9. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.5.9, see the following Informatica Knowledge Base article:

<https://knowledge.informatica.com/s/article/FAQ-What-are-the-Emergency-Bug-Fixes-EBFs-merged-into-Informatica-10-5-9>

## 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-39707	When you run Kudu mapping with Update Strategy, the transformation fails to validate.
BDM-41987	Unable to import complex file formats such as Avro, Parquet, or ORC with MapR Hadoop distribution.

## Data Engineering Streaming Known Limitations (Cumulative)

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

Issue	Description
IIS-5842	When Kafka XML Data object encounters a complex XML schema that has fields with a 'dash', it fails to load data into the Hive table.

## Enterprise Data Catalog Known Limitations (Cumulative)

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

Issue	Description
EIC-68305	When you run the IICS resource, there might be a significant delay in the metadata load and staging steps.
EIC-66428	The Enrichment Migration Utility fails to migrate enrichments for objects that has the same name and the same parent. Workaround: Import the enrichments for these objects manually.
EIC-60369	Add-on applications for the Enterprise Data Catalog fail to open in Internet Explorer.
EIC-57719	When you launch the Informatica domain using a Docker container image and run the Enterprise Data Catalog Docker image, the upgrade fails.
ANT-2187	When you select the Show Default schema option in Administrator Tool, the Azure SQL data base import fails.

## On Premise Connectivity Known Limitations (Cumulative)

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

Issue	Description
OCON-31311	When you run concurrent workflows using PowerExchange for Message Queue to read messages from a single queue, message duplication issues occur.
OCON-30444	When you use PowerExchange for Amazon Simple Storage Service Version 2 (S3 V2) to load data to a target with multiple partitions, a significant delay occurs.
OCON-29823	Azure Cosmo mappings that run on the Spark 3.x with Scala 2.12 sometimes fail with a Scala version mismatch error. Workaround: Update the Azure Cosmos Scala code version 2.12, such as azure-cosmos-spark_3-2_2-12-4.6.0-uber

Issue	Description
OCON-27531	When you configure a session for message recovery with a WebSphere MQ source and a flat file target, the PowerCenter Integration Service sometimes fails to recover unprocessed messages from the failed session.
OCON-27432	When you configure the PowerCenter Integration Service for a full pushdown optimization using the Update Strategy transformation and join two tables, the Google BigQuery session fails.

## Third-Party Known Limitations (Cumulative)

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

Issue	Description
OCON-30416	Unable to use multiple BAPIs in a single session with latest SAP NW RFC SDK 7.5 libraries patch 11.
BDM-41746	When you enable the Spark dynamic allocation under the advanced properties, mappings that run on the Spark engine fail.
IIS-5702	When you run a data preview job for a mapping with a Kafka source formatted in JSON with struct set as an array, the following error occurs: <code>org.apache.avro.SchemaParseException</code>