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Read the *Informatica® Release Notes* to learn about known limitations and fixes associated with version 10.5. The Release Notes also include information about upgrade paths, EBFs, and limited support, such as technical preview or deferments.

## Installation and Upgrade

Read this section to learn about the installation and upgrade in version 10.5.

### Update the `/etc/sudoers` file

Before you install or upgrade on UNIX or Linux, update the NOPASSWD entry in the `/etc/sudoers` file based on the user that runs the installer. You can run the installer as an operating system user or as a user that belongs to the wheel group.

If you are an operating system user, set the following NOPASSWD entry:

```
<Operating system user> ALL=(ALL) NOPASSWD: ALL
```

If you belong to the wheel group, set the following NOPASSWD entry:

```
%wheel ALL=(ALL) NOPASSWD:ALL
```

### Metadata Access Service

The Informatica installer failed to create the Metadata Access Service for a custom SSL domain.

**Workaround:** Set the following environment variables in the session before you start the Informatica installation:

- INFA\_TRUSTSTORE
- INFA\_TRUSTSTORE\_PASSWORD

### Enterprise Data Preparation Service and Interactive Data Preparation Service

When you install Enterprise Data Preparation in silent mode, the installer fails to create the Enterprise Data Preparation Service and the Interactive Data Preparation Service. You might see an error similar to the following sample: `[ICMD_10033] Command [createService] failed with error. Cannot create`

service because of error `[[IDLCMD_10038] [MaxConcurrentUploadAndDownload] property is not a valid integer.`

To workaround the issue, complete the following tasks to create the services:

- Create the Enterprise Data Preparation Service through the Administrator tool after you install. During service creation, add an integer value in **Advanced Options > Maximum Concurrent Upload/Download Activities**.
- To create the Interactive Data Preparation Service, configure the silent input properties file and rename the `DPS_SERVICE_NAME` key to be `DPS_DIS_SERVICE_NAME` and provide the Data Integration Service name as a value for association in the Advanced Options. (IDL-18306)

Instructions are provided in the *Enterprise Data Preparation Installation Guide*.

## Support Changes

Read this section to learn about support changes in version 10.5.

### Technical Preview

Read this section to learn about technical preview functionality that is initiated or lifted in version 10.5.

#### Technical Preview Initiated

Effective in version 10.5, the following functionality is available for technical preview:

##### Data Flow Analytics

You can use Data Flow Analytics to view analytical data about PowerCenter mappings in the catalog. You can use the data to improve the mapping quality and efficiency in your enterprise. You can also view mappings as diagrams for ease of understanding.

The analytical data includes details about the following mapping metrics:

- Similar mappings
- Duplicate mappings
- Reusable maplets, transformations, and user functions for complex expressions

In addition, the data also includes the mapping group details and the mapping discovery details to provide additional insights into the mapping data. You can download the analytical data as reports for further analysis or enhance the reports using third-party reporting solutions.

For more information, see the *Enterprise Data Catalog 10.5 User Guide*.

##### Graphical Informatica Installer

You can use a graphical user interface based installer to install PowerCenter and Data Engineering Integration on Linux platforms. The installer provides an easy and interactive interface to run the Pre-installation (i10Pi) System Check Tool, install the Informatica domain, and configure the domain and application services.

## Informatica Domain on Kubernetes Cluster

You can run Informatica domain on a Microsoft Azure Kubernetes cluster. The auto-scaling of the active-active services such as Data Integration Service and PowerCenter Integration Service are supported.

For more information, see the *Install PowerCenter on Kubernetes with Informatica Deployment Manager* or the *Install Data Engineering Integration on Kubernetes with Informatica Deployment Manager*.

## Intelligent structure models based on an XSD file

When you create an intelligent structure model you can select an XSD file to base the model on.

## Mapping audits on the Blaze engine

The Blaze engine can run mappings with audit rules and conditions.

For more information, see the *Data Engineering Integration 10.5 User Guide*.

## PowerExchange for Microsoft Azure Data Lake Storage Gen2

The following functionality is available for technical preview:

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

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

## Technical Preview Lifted

Effective in version 10.5, the following functionality is lifted from technical preview:

### Catalog Backup

For Enterprise Data Catalog, you can back up the catalog without disabling the Catalog Service. You can back up the catalog using the REST APIs, the Enterprise Data Catalog interface, or the Catalog Administrator. For more information, see the *Catalog Backup and Log Collection Utilities* section in the *Informatica 10.5 Catalog Administrator Guide* or the *Informatica 10.5 Enterprise Data Catalog User Guide*.

### Cloudera CDP integration

For Data Engineering Integration, you can use Cloudera Data Platform (CDP) as a compute cluster to execute data engineering jobs in the Hadoop environment. You can use Cloudera CDP when you run data engineering jobs on the Spark engine. Cloudera CDP uses a base cluster and workload clusters to execute data engineering jobs. This architecture allows you to deploy workloads and share data among components by utilizing a shared catalog, unified security, consistent governance, and data life cycle management.

You can use Cloudera CDP when you run a mapping in the Hadoop environment with the following connections:

- PowerExchange for Google Cloud Storage
- PowerExchange for Google BigQuery
- PowerExchange for Google Analytics
- PowerExchange for Google Cloud Spanner

For more information, see the *Data Engineering 10.5 Integration Guide*.

### **Compact view**

You can choose to display the compact view of the lineage and Impact view. The compact lineage and impact view displays the lineage and impact diagram summarized at the resource level.

For more information, see the "View Lineage and Impact" chapter in the *Informatica 10.5 Enterprise Data Catalog User Guide*.

### **Rollover parameters for Amazon S3 and Azure Data Lake Storage Gen2 targets**

For Data Engineering Streaming, you can use different rollover parameters for Amazon S3 and Azure Data Lake Storage Gen2 targets to decide the rollover time or size for each target. For more information, see *Data Engineering Streaming 10.5 User Guide*.

### **SAP S/4HANA resource**

For Enterprise Data Catalog, you can extract metadata from the SAP S/4HANA data source. For more information, see the *Enterprise Data Catalog 10.5 Scanner Configuration Guide*.

### **Service and Resource Log Collection**

For Enterprise Data Catalog, you can collect logs for resources. Additionally, you can collect logs for the following services:

- Enterprise Data Catalog services such as Catalog Service, Informatica Cluster Service, EBF history, and PhoneHome
- Apache Solr
- MongoDB
- Nomad orchestration service and scan jobs
- Apache Zookeeper
- Postgres

You can collect the logs using the REST APIs, the Enterprise Data Catalog interface, or the Catalog Administrator. For more information, see the *Catalog Backup and Log Collection Utilities* section in the *Informatica 10.5 Catalog Administrator Guide* or the *Informatica 10.5 Enterprise Data Catalog User Guide*.

### **Unique Key Inference**

You can generate unique key candidates from the columns in the source data object. You can view the unique key inference results to understand data quality issues by identifying the columns that have duplicate values. You can accept or reject the inferred unique key inference results. After you accept or reject an inferred unique key inference, you can reset the unique key inference to restore the inferred status.

For more information, see the "View Assets" chapter in the *Informatica 10.4.0 Enterprise Data Catalog User Guide*.

## Deprecation

Effective in version 10.5, the following functionality is deprecated:

### **Enterprise Data Catalog Installation on Hadoop Clusters**

Effective in version 10.5, you cannot install Enterprise Data Catalog on a Hadoop cluster.

For more information, see the *Informatica 10.5 Installation for Enterprise Data Catalog*.

### **Extract Data Lineage at the Column Level**

Effective in version 10.5, the functionality to extract data lineage at the column level for stored procedures in Oracle and SQL Server is deprecated and will be removed in a future release of Enterprise Data Catalog.

Informatica recommends that you use Advanced Scanners to extract data lineage at the column level for stored procedures in Oracle and SQL Server.

For more information, see the *Enterprise Data Catalog Advanced Scanners Administrator Guide*.

### **Extract Metadata for Data Lineage at the Column Level**

Effective in version 10.5, the functionality to extract metadata for data lineage at the column level including transformation logic from the following data sources is deprecated and will be removed in a future release of Enterprise Data Catalog.

- Oracle Data Integrator data source
- IBM InfoSphere DataStage data source

Informatica recommends that you use Advanced Scanners to extract metadata for data lineage at the column level for Oracle Data Integrator data source and IBM InfoSphere DataStage data sources.

For more information, see the *Enterprise Data Catalog Advanced Scanners Administrator Guide*.

### **compareMapping DIS Command**

Effective in version 10.5, the `infacmd dis compareMapping` is deprecated and will be removed in a future release.

If you are using scripts based on `infacmd dis compareMapping`, Informatica recommends that you update the scripts with the new `infacmd dis compareObject` command. Deprecated functionality is supported, but Informatica intends to drop support in a future release. Informatica requests that you to transition to different functionality before the functionality is dropped.

### **Universal Connectivity Framework**

Effective in version 10.5, support for Universal Connectivity Framework is deprecated. For additional information, contact [Informatica Global Customer Support](#).

## Deferment

Effective in version 10.5, Cloudera CDH 6.3 is deferred.

Deferred functionality is either not available or not supported in the current release. Informatica intends to reinstate it, but might choose not to in accordance with changing market or technical circumstances.

## 10.5 Fixed Issues and Closed Enhancements

### Application Service Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
MRS-2373	You cannot view the owner name in the MRX_PDO external view.
PLAT-27478	While running an LDAP synchronization, if you delete the LDAP namespaces included in the LDAP connections, Informatica logs the <code>AssertionError in SynchronizeNamespaceTask</code> error and the domain shuts down.
PLAT-27380	When you run a workflow that has a mapping, monitoring Model Repository Service connection exceptions are logged in the Data Integration Service logs even if the monitoring Model Repository Service is disabled.
PLAT-26720	When you fetch a service log using the Administrator tool, <code>infacmd convertLog</code> command, or <code>infacmd GetLog</code> command, incorrect timestamps appear in the log file.
SS-74	When you enable debug logging for the Search Service, the service takes a long time to index objects.
PLAT-27305	When you enable SAML Single Sign-On (SSO), parsing fails if the <code>ServiceProviderId</code> (-spid) contains the "&" sign.
MRS-2284	When the Model Repository Service failover does not occur, the service fails to come up on the backup node. This issue occurs because the Model Repository Service is killed on the primary node and the lock file exists in the H2 database.
SS-52	The Search Service fails to start with a null pointer exception error if the value of the <code>ServiceContext</code> object for the service is NULL.
SS-139	The Search Service fails to start if it does not have read privileges for all Analyst Services in the domain. This issue occurs because during startup, the Search Service tries to connect to each Analyst Service in the domain irrespective of whether or not it is associated with the Search Service.
SS-137	Search indexing fails for customized Hive data objects and for objects with array, struct, and map data types.
BDM-36328	In Enterprise Discovery Profile, when you run concurrent jobs with profiling enabled in the Enterprise Data Catalog resource and then cancel the jobs, the DTM process hangs.
BDM-31366	Email Service fails to connect to an SMTP server that uses TLS version 1.2.

## Business Glossary Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
BG-2519	After you migrate the business glossary terms and rules to a different environment using the export and import options, the association between the glossary business terms and rules is lost.
BG-2136	The Analyst tool incorrectly interprets the business glossary term ID that includes a dot (.) character as an asset link to Metadata Manager.
BG-2032	If the business term template includes a custom attribute with an incorrect metaclass ID, you cannot add new rules or categories to the business term.
BG-1838	When you export the Business Glossary template, the page stops responding and the following error message appears in the Analyst tool log file: [root@adwde01 bin] # ./infacmd.sh bg exportGlossary -dn Domain -un Administrator -pd ***** -sdn Native -atn EIC Analyst Service -gl Ace Business Glossary -ah false -tem true -att false -ep /apps1/Informatica/10.2.1/isp/bin/[ICMD_10033] Command [exportGlossary] failed with error [ [BGCMD_0101] ERROR: ' [BGCMD_0101] ERROR: 'Internal Error.''].
BG-1034	The search service does not display business term results for users configured with administrator role.

## Data Engineering Integration Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
PLAT-27952	Failed to set the AuthnContextClassRef to unspecified in the SAML request.
OCON-27284	If you specify more than one table in the custom query, the Sqoop mapping fails.
CORE-8958	When you run a mapping that reads from a Hive source on a Cloudera CDP cluster, the mapping fails with the following error: java.lang.NoClassDefFoundError: org/apache/jute/Record
BDM-37291	You receive the following error message when you run mappings with Java transformation on the Blaze engine:  Not enough remaining space to put block of size
BDM-37177	The ADD_TO_DATE function returns different results on the Native engine and Spark engine when you subtract or add data from months that have different numbers of days. For example, when you subtract 1 month from March 31, 2021, the result should be February 28, 2021; however it was returning March 3, 2021.



Issue	Description
BDM-36786	Memory leak occurs in the Data Integration Service when the applicationInfoImpl objects failed to get deleted and increases heap size.
BDM-36445 BDM-36513	Reject file on Data Lake is not supported for Spark Engine and Blaze Engine.
BDM-36415	If a mapping uses a parameter value to specify the execution environment, and you specify "native" or "Hadoop" as arguments when running one of the following commands, the Data Integration Service ignores the command and the mapping is not updated.
BDM-36047	Information about the DTM ID to the mapping name information are missing in the Data Integration Service logs.
BDM-35868	Mapping performance is degraded after an upgrade from 10.2x.
BDM-35667	When the Spark engine runs a mapping the mapping fails with an error like: SEVERE: Data integration service failed to create DTM instance because of the following error: java.lang.UnsupportedOperationException: PARAM_READ ...
BDM-35624	When Spark runs a mapping with a connected Lookup transformation, the mapping fails with an error like org.apache.spark.sql.AnalysisException.
BDM-35539	When the Blaze engine runs a mapping with a Parquet target containing the Date data type on a Hortonworks cluster version earlier than 3.1.5, the mapping writes incorrect TIMESTAMP data to the target.
BDM-35505	Ephemeral cluster creation fails on concurrent workflow runs with "java.lang.IllegalArgumentException: Parameter 'directory' is not a directory".
BDM-35493	DTM processes hang and block profile job execution when you cancel a large number of small mappings.
BDM-35466	<p>When the Blaze engine runs a mapping on Cloudera CDP Public Cloud clusters on AWS, the mapping might fail with the following error:</p> <pre>[GRIDDTM_1016] The Integration Service failed to execute grid mapping with following error [An internal exception occurred with message: java.lang.IllegalStateException: Authentication with IDBroker failed. Please ensure you have a Kerberos token by using kinit.</pre> <p>The mapping fails if either of the following conditions is true:</p> <ul style="list-style-type: none"> <li>- The mapping reads from a Hive table and writes to a flat file.</li> <li>- The mapping uses an Amazon S3 connection.</li> </ul>
BDM-35459	The Email Service sends repeated notifications after every 20 seconds even when there is no email communication.
BDM-34663	When the Spark engine runs a mapping with a Hive source with <b>Select distinct</b> enabled on a Hortonworks HDP 3.1 cluster, the mapping fails because the SQL statement to create the Hive staging table is incorrect.

Issue	Description
BDM-34540	When the Spark engine runs a mapping with a Hive source created with a <code>SORT</code> clause on a Hortonworks HDP 3.1 cluster, the mapping fails because the SQL statement for the Hive staging table is incorrect.
BDM-34036	When the Spark engine runs a mapping or previews data on a Cloudera CDP cluster, the job incorrectly writes date/time data to the target when the date is earlier than 1583 and the mapping uses one of the following sources: <ul style="list-style-type: none"> <li>- Azure Blob</li> <li>- Google BigQuery</li> <li>- JDBC V2</li> <li>- Sqoop</li> <li>- Complex file objects</li> </ul>
BDM-33915	When the Blaze engines performs a lookup on a compressed Hive table of text format, the mapping fails with the following error: <pre>"[CORE_3] An internal exception occurred with message: java.io.IOException: incorrect header check java.io.IOException: incorrect header check"</pre>
BDM-33914	When the Blaze engine reads a modified Hive partition table of text format, the source read fails with the following error: <pre>"[CORE_3] An internal exception occurred with message: java.lang.RuntimeException: No data found for parttion state java.lang.RuntimeException: No data found for parttion state"</pre>
BDM-33784	Mappings on the SPARK engine fail with an "out of memory" error message.
BDM-33713	Mappings fail when you create a Hive table and Oracle table as a source to join using the Joiner transformation under the following circumstances: <ul style="list-style-type: none"> <li>- You use the Update Strategy transformation in the mapping pipeline to connect the required ports to all targets.</li> <li>- You propagate only a few ports from the Hive source.</li> </ul>
BDM-30668	The LogPacker fails to collect the infacco-site.xml or CCO export inside.
BDM-30664	When a mapping reads from a Hive table to a sequence generator, an expression, and two different targets, you get different values in the two targets.
BDM-28678	Joiner and Lookup mappings time out and fail when all of the following conditions are true: <ul style="list-style-type: none"> <li>- The mapping has a flat file source.</li> <li>- The mapping includes a Joiner or Lookup transformation.</li> <li>- The mapping is configured to use Azure HDInsight version 4.0.</li> </ul>
BDM-27878	Email Service is unavailable for high availability and failover.
BDM-23317	When you monitor statistics for the Data Integration Service configured with file-based queuing, the jobs incorrectly appear to run even when the job state is queued.
BDM-23221	Informatica product version number is not available in session log files when a session is started after LDTM creation.

Issue	Description
BDM-22677	When you create a Cloudera CDP cluster configuration and connection during installation, the installer uses the default engine type, MRv2, rather than Tez in the Hadoop connection.
BDM-21820	The Data Integration Service process gets stopped when any of the command task running in the Data Integration Service workflows gets SIGTTOU.

## Data Engineering Streaming Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
IIS-5295	When you run a streaming mapping that contains a Confluent Kafka source with Avro payload and Complex File data object target, the mapping fails with <code>Malformed/Invalid Avro record error</code> . This error occurs because the mapping fails to consume the messages sent from <code>KafkaAvroSerializer</code> even though the schema and the source data are synchronized.
IIS-5181	On Azure HDInsight version 4.1, when you run a streaming mapping with multiple JMS sources that has the custom checkpoint directory set, the mapping fails on restart with the following error:  <pre>ERROR MicroBatchExecution: Query Write_cl_task_update [id = 934e2c43-219a-4245-808a-44e66138d9aa, runId = ab818a5a-4a83-4ebb-8e02-13472def8182] terminated with error java.lang.IllegalStateException: batch 2 doesn't exist at org.apache.spark.sql.execution.streaming.HDFSMetadataLog \$.verifyBatchIds(HDFSMetadataLog.scala:470)</pre>
IIS-5100	When you run a streaming mapping with Kafka sources and targets in Avro data format, the data written to the target file incorrectly adds the data type.
IIS-4985	In a streaming mapping with a Kafka or Confluent Kafka source and Kafka, Confluent Kafka, or HDFS target, the mapping fails when the following conditions are true: <ul style="list-style-type: none"> <li>- Target schema format is of type Flat</li> <li>- <b>Mapping Flow</b> option is enabled in the target</li> </ul> The mapping fails with the following error:  <pre>Error: Mapping is failed. Lost task 0.1 in stage 0.0 (TID 1,inbdsrh74qa01.informatika.com, executor 1): java.util.NoSuchElementException: next on empty iterator at scala.collection.Iterator\$\$anon\$2.next(Iterator.scala:39)</pre>
IIS-4927	When you run a streaming mapping with Kafka source and Teradata connector for JDBC target, the mapping fails with "[Error 1382] [SQLState HY000] The batch is empty." error.
IIS-4921	When you run a streaming mapping with a Kafka source and HDFS target on Cloudera CDP version 7.1.1, the mapping fails with a compilation error when the following conditions are true: <ul style="list-style-type: none"> <li>- Topic name is linked to file name port and data to data port</li> <li>- Dynamic strategy is enabled at source</li> <li>- Run-time properties of the mapping is configured as <code>infaspark.hive.impersonated.complexfile.write=true</code></li> </ul>

Issue	Description
IIS-4773	Data loss happens when you run a streaming mapping with JMS as source and multiple targets and durable subscriptions configured.
IIS-4680	On a Databricks cluster, logical data types are not applicable for Parquet format and shows the <code>Invalid Avro record</code> error when you write to the Microsoft Azure Data Lake Storage Gen2 target.
IIS-4666	Mapping validation fails when you connect sources to Window transformations using dynamic ports.
IIS-4632	When you run a streaming mapping with a Kafka source, the mapping fails with <code>InvalidTopicName</code> error when the following conditions are true: <ul style="list-style-type: none"> <li>- A topic pattern is specified for the topic name</li> <li>- A time stamp is specified to read messages based on the custom timestamp offset</li> </ul>
IIS-4619	When you run a streaming mapping with a Kafka source, the mapping fails with <code>WARN KafkaOffsetReader: Error in attempt 1 getting Kafka offsets</code> error when: <ul style="list-style-type: none"> <li>- a topic contains multiple partitions, and</li> <li>- a time stamp is specified to read messages based on the custom timestamp offset</li> </ul>
IIS-4600	On AWS Databricks, when you run a streaming mapping to write binary data to Amazon S3 target, the mapping validates but fails while trying to generate a Spark execution plan.

## Data Privacy Management Fixed Issues and Closed Enhancements (10.5)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
SATS-39840	In a multinode domain, if you run the Data Privacy Management Service on a different node from the other services, the Process tab does not update for the service.
SATS-39666	Database profile jobs do not complete.
SATS-39422	If an Auto Sync Catalog job fails, all future triggered jobs fail.
SATS-39242	User activity monitoring generates incorrect security policy violations based on user home location and data store groups.
SATS-39232	UBA Manager fails if a security policy includes conditions with percentage or value changes.
SATS-39209	A Row Count Collect job step for Hive sources includes rows that are not marked as sensitive.
SATS-38568	A user group import job fails if the description includes the words "software update".
SATS-38524	User activity events do not process as expected and cause Augmenter application errors.
SATS-38121	Data store tags are truncated when you run a scan or Evaluate Classification Policies job.

Issue	Description
SATS-38119	A scan on unstructured sources gets stuck in the Evaluate Classification Policies job step.
SATS-38053	You cannot use a Hive JDBC URL with length greater than 255 characters.
SATS-37868	An Import Protection Status job skips columns that are not marked as sensitive.
SATS-37685	The field length restriction of the Schema Names field for a data store does not allow you to select all required schemas.
SATS-37684	The Subject Registry has performance issues.
SATS-37682	The Confidence Level field is not included in the CSV file when you export data store details even though it is a required field when you import protection status.
SATS-37436	Enterprise Data Catalog scans of Azure Data Lake data stores with Data Lake Store Gen 2 ADLS source type fail because the connection is created with Data Lake Storage Gen 1 instead of Gen 2. <b>Workaround:</b> Create the connection in Informatica Administrator, and enter the ID value in the <b>Source Connection Name</b> field in the data store creation page in Data Privacy Management.
SATS-31712	You cannot see the Tables per Workflow and Max Parallel Sessions values on the Protection Task page.
SATS-31709	Protection tasks fail with a Timeout error.
SATS-31661	The Load Catalog job step fails if the ROW_MATCH_COUNT is beyond the java integer limit.
SATS-31658	A scan that uses a remote agent fails if the FILE_PATH includes more than 255 characters.
SATS-31656	Evaluate Classification Policies jobs do not run, and remain in New state.
SATS-31653	You cannot download a DSAR report if the subject name includes a comma.
SATS-31535	Hive Test Connection fails if the ZooKeeper URL includes a comma-separated JDBC URL.
SATS-31534	You cannot assign an Elasticsearch application to a specific YARN queue.
SATS-30680	Upgrade requires that you populate the Subject Registry configuration file even if you have not created a Subject Registry in the previous version.
SATS-29920	If you resume a remote agent scan job that failed because of a Data Privacy Management restart, the resumed job fails with a <code>Duplicate pageId found</code> error.
SATS-23096	If you resume a scan job that fails, the resumed scan also fails.
SATS-21335	Installing Data Privacy Management causes Identity Match to fail in Informatica Data Quality.
SATS-18677	User privileges are not validated for access to specific pages.
SATS-18676	Elasticsearch does not restrict users as expected based on authentication.
SATS-18675	An SQL Injection error is noted when you sort columns.

## Closed Enhancements

The following table describes closed enhancement requests:

Issue	Description
SATS-38058	You can modify the number of containers for YARN applications like Percolator, Augmenter, and UBA Manager.
SATS-37685	There is no field size restriction on entering of multiple schema names.

## Domain Fixed Issues

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

The following table describes fixed issues:

Issue	Description
PLAT-28317	In Informatica Administrator, when you schedule a job using the LDAP user authentication, the password appears in plaintext format.
PLAT-27903	When you configure a Monitoring Model Repository Service without sufficient Model Repository Service privilege, data leak occurs in the domain process.

## Enterprise Data Catalog Fixed Issues and Closed Enhancements (10.5)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
PLAT-27713	The last name of LDAP users appears twice in the Informatica Administrator, Enterprise Data Catalog, and the Catalog Administrator.
MDX-20034	Scanning fails when a job name in the DataStage project consists of more than 60 characters.
MDX-20008	In the Advanced Scanners application, in the Connection Registry section, there is no vertical scroll bar. You can see only 10 database entries for a host.
EIC-52778	When you run an Amazon S3 resource that includes partitioned parquet files, the resource fails to extract metadata of multiple folders from the partitioned parquet files and the following error message appears: The specified key does not exist. (Service: Amazon S3; Status Code: 404; Error Code: NoSuchKey)
EIC-51828	Users authenticated using SAML SSO are prompted to log in to Enterprise Data Catalog for each Catalog search.

Issue	Description
EIC-51688	When you use an Informatica Axon resource to extract objects from Axon 7.1, the parent name for the SAP HANA Attribute type does not appear.
EIC-51124	When you run a profile on multiple resources in the high-priority mode, the profile jobs fail to fetch the profile results of a few resources.
EIC-50570	The Business Glossary resource fails to extract the category attribute from the data source.
EIC-49935	When you access a tabular asset and filter the columns from the Columns tab, the expected columns are not returned.
EIC-49764	You cannot view the Salesforce objects in the Relationship tab for a data domain.
EIC-49510	A non-administrator user cannot view the value frequency results of a Snowflake resource in Enterprise Data Catalog.
EIC-48307	For custom attribute values of type <b>Classifications</b> and <b>Business Terms</b> , the <b>Select</b> window does not display any business terms when the <b>Show active business term</b> option is enabled.
EIC-48018	Enterprise Data Catalog Plug-in does not display assets in the <b>Related Technical Assets</b> and <b>Classified Assets</b> sections of an Axon Glossary and Business Glossary term <b>Overview</b> tab.
EIC-47453	In Enterprise Data Catalog version 10.4.1.2, you lose the enrichments configured for the Tableau resource when you run the resource again.
EIC-46164	If you run an IBM DB2 resource that contains tables of LONG VARCHAR datatype, the resource fails.
EIC-46116	After you reorder custom attributes and save the changes in the <b>Filter Settings</b> tab, the order is not retained in the search results page.
EIC-43623	When a large number of tasks are loaded in the Monitoring workspace for each resource scan job, the Catalog Administrator hangs.
EIC-43274	When you configure an Amazon Redshift resource with the <b>First N rows</b> or <b>Random N rows</b> option, the profile job fails for the resource.
EIC-42780	<p>The data provisioning task fails for the following source connections:</p> <ul style="list-style-type: none"> <li>- Amazon S3</li> <li>- Azure Data Warehouse</li> <li>- Teradata</li> <li>- JDBC Oracle</li> <li>- Amazon Redshift</li> <li>- Azure Blob</li> <li>- Salesforce</li> </ul> <p>The data provisioning task fails for the following target connections:</p> <ul style="list-style-type: none"> <li>- Amazon S3</li> <li>- Azure Data Warehouse</li> <li>- Teradata</li> <li>- JDBC Oracle</li> <li>- QlikView</li> </ul>
EIC-42452	When editing a resource, certain schedules display a blank name in the Schedule tab. Also, after scheduling the job, the job name is displayed as undefined.

Issue	Description
EIC-42006	The SAP S/4HANA resource does not extract metadata from the SAP S/4HANA application components and packages if the application components and packages have the same name.
EIC-41937	Purging a resource takes a longer duration compared to purging a resource in version 10.4.0. This is due to additional consistency checks performed to improve catalog stability.
EIC-41642	The Informatica Cloud Service resource extracts the data source targets created during run time incorrectly, and the target file name contains two pound symbols (##) .
EIC-40333	You cannot view sections such as Questions, Reviews, and Ratings for a Process Definition in the Catalog.
EIC-40094	The functionality and stability improvements added to the MicroStrategy resource increases the time taken to load the resource.
EIC-39610	When a user who follows an asset is deleted, unexpected error messages are generated in the domain log.
EIC-28783	The rejected data domains still appear in the inferred state even after you delete the rejected data domains from the import file during the asset data import.
EIC-28104	The custom attributes that you have selected do not appear when you upgrade from an earlier version.
EIC-28094	Custom attributes that contained hierarchy does not appear in a hierarchical order.
EIC-27726	For a tabular asset in the Columns tab, the Business Title column contains incorrect values.
EIC-27364	If you create views using the DDL script, a profiling job fails for views in an Amazon Redshift resource.
EIC-25919	When you run a resource that contains greater than 255 characters in the source file path, a profile job fails with the following error message: "JORA-12899: value too large for column "C02647306"."IDP_RESOURCE_VIEW"."PROPERTY6" (actual: 349, maximum: 255)"
EIC-25738	When you log in to Enterprise Data Catalog as an LDAP user, you cannot view objects of type primary key constraint.
EIC-25560	When editing an asset description, if you click on Cancel, the original description is deleted.
EIC-25056	Erwin Entity is linked to Teradata Table using logical name instead of physical name.
EIC-23178	Users who have been assigned as the data owners for a reference resource do not get the permissions for that resource.
EIC-22391	When you export a resource, the custom attribute values such as the Department, Data Owner, Data Steward, and Subject Matter Experts propagated to a table or column from a resource do not get added to the exported file.
EIC-21846	When you run a profile on the Microsoft SQL Server Database resource, the profiling job skips columns that are of custom datatypes nvarchar(max) and varchar(max). This issue occurs if you specify the ODBC as the source connection type on the <b>Metadata Load Settings</b> page.



Issue	Description
EIC-18854	After you import the .csv file that contains business term association into the catalog using the resource import option, you cannot view the business terms associated with columns that belong to multiple tables in a resource.
EIC-16536	When you attempt to create a table containing Cyrillic characters with links to objects in the Axon glossary, an error occurs.
EIC-14126	The resources whose description contains more than 255 characters do not appear in the <b>Library</b> workspace.
DAA-630	Data Asset Analytics displays incorrect active users count in the <b>User Adoption</b> dashboard tab. This issue occurs if users from different security domains share the same name.
DAA-2320	For a scan event, duplicate values appear in the Data Asset Analytics repository.

### Closed Enhancements

The following table describes closed enhancement requests:

Issue	Description
MDX-20125	You can use Salesforce as a data source in the SSIS scanner.
EIC-49074	You can view the following attributes for the SAP BW/4HANA and SAP BW resources in Enterprise Data Catalog: <ul style="list-style-type: none"> <li>- Query last execution time</li> <li>- ADSO last refresh time</li> </ul>
EIC-49065	You can configure the following resources to connect to the SAP server using a Secure Network Communications (SNC) connection: <ul style="list-style-type: none"> <li>- SAP S/4HANA</li> <li>- SAP BW</li> <li>- SAP BW/4HANA</li> </ul>
EIC-42911	Users authenticated using SAML SSO can search for assets in Enterprise Data Catalog from an external portal.
EIC-41306	The Amazon S3 resource includes the following enhancements: <ul style="list-style-type: none"> <li>- You can extract metadata from an Amazon S3 compatible storage such as Scalify RING.</li> <li>- You can use a temporary session token to connect and extract metadata from an Amazon S3 data source.</li> </ul>
EIC-28415	SQL statements for views and stored procedures are formatted to make them easier to read.
EIC-28111	You can configure a Salesforce resource to use OAuth authentication to connect to a Salesforce data source.

## Enterprise Data Preparation Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
IDL-17725	When you try to join two tables during data preparation , the time taken for join suggestion exceeds two minutes and performance further degrades with more number of records.
IDL-17620	When you try to upload data using the XLS file format, the upload fails with the following error:Failed to process: input is not a valid Excel file.
IDL-16972	When you apply a filter in Lineage and Impact view, the Saved tab does not display characters properly.
IDL-16953	When you download data in CSV format, the downloaded file shows incorrect values for double and timestamp data types.
IDL-16936	When you prepare data for more than 50 worksheets, the performance degrades.

## Exception Management Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
IDQ-9523	If you type a value in the Find field in an exception management task, the task does not automatically show the record values that match the value that you enter.
IDQ-9458	You cannot find and replace one or more null values on the current page of an exception management task with another value.

## Installation and Upgrade Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
PLAT-27400	KRB5_FILE_LOCATION in the properties file does not get used for the worker node. This issue occurs for both silent installation and when you run the installation for worker node.
BDM-33472	Connection timeout issues occur with the silent installer upgrade from 10.2 HF2 to 10.4 with custom keystore and truststore.

## Informatica Analyst Fixed Limitations and Closed Enhancements (10.5)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
ANT-2109	When you configure the associated Data Integration Service with the Operating Systems Profiles, the Analyst tool does not append the Hive proxy user information during the Hive object import process.

#### Closed Enhancements

The following table describes closed enhancement requests:

Issue	Description
IDQ-9837	Effective in version 10.5, the Analyst tool remembers the viewing preferences that you set in a reference table or a rule specification. For example, if you resize the width of a column in a reference table, the Analyst tool remembers the width that you set when you next view the table. The viewing preferences persist from one session to the another and across browsers. Each user who logs in to the Analyst tool can uniquely set their preferences.

## Mappings and Workflows Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
OCON-23778	If the SQL query in an SQL transformation contains open or closed brackets ( ), the Oracle mapping fails.
MWF-1784	When a workflow that you run from infacmd fails, infacmd does not write helpful information to the log.
IDQ-9160	If a web service mapping that contains a Match transformation fails, the Match transformation may not release the memory that it consumed.

## Metadata Manager Fixed Issues and Closed Enhancements (10.5)

#### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
MM-5331	When you import a Microsoft SQL Server Analysis (SSAS) and Reporting Services (SSRS) resource, the objects from the Tabular Model of Analysis Services are not extracted and the Analysis Services folder is empty.

## Closed Enhancements

The following table describes closed enhancement requests:

Issue	Description
MM-5586	Effective in version 10.5, Metadata Manager supports Azure Microsoft SQL Server as a repository.

## PowerCenter Fixed Issues and Closed Enhancements (10.5)

### Fixed Issues

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

The following table describes fixed issues:

Issue	Description
PLAT-26483	Cannot configure the database configuration properties for the PowerCenter Repository Service to get the logs from the repository.
CORE-9248	When you deploy without any create or copy connection privileges, the deployed group contains the copied application, FTP, and loader connections.
CORE-9077	The data lineage is not seen in Designer for the shortcuts of target, source, transformation, and mapping objects.
CORE-9071	The Workflow Monitor shuts down unexpectedly in wcursor.cpp at line 337.
CORE-9007	The pmrep deploydeploymentgroup command fails to respond when you use the source labels in the control file.
CORE-8918	The Workflow Monitor shuts down unexpectedly with an unexpected condition on dreplog.cpp at line 8327.
CORE-8773	The PowerCenter Integration Service shuts down unexpectedly in version 10.1.
CORE-8708	The pmdtm process ID never gets released even when the session completes successfully.
CORE-8527	MD5 function returns incorrect value for an empty input string in the Expression transformation in PowerCenter.
CORE-8211	The Web Service Hub does not use the client resilience timeout specified when connecting to the PowerCenter Repository Service.
CORE-8138	The PowerCenter Repository Service shuts down unexpectedly with an unexpected condition on tpcworker.cpp at line 3154.
CORE-7932	The non-versioned PowerCenter repository becomes a versioned PowerCenter repository after upgrade.
CORE-7685	World-writable cgmd files gets generated intermittently in tomcat logs.

Issue	Description
CORE-7513	When you try to import with the pmrep ObjectImport command, the command fails with an unexpected condition.
CORE-7471	The PowerCenter Integration Service terminates unexpectedly when a workflow is aborted by one user and subsequently recovered by another user.
CORE-6891	When you cancel a workflow, the PowerCenter Repository service shuts down unexpectedly.
CORE-6472	The session fails to start the process for the task instance without an error code for troubleshooting the session failures.
CORE-5811	The PowerCenter Integration Service shuts down unexpectedly due to a synchronization issue of the DefaultDateFormat initialization.
CORE-5651	In a versioned repository, the Web service workflows goes into invalid state after the deployment with the error that the Integration Service is not specified for the workflow.
CORE-4988	The pmrep addtodeploymentgroup command fails to add source and target shortcut to the deployment group.

### Closed Enhancements

The following table describes closed enhancement requests:

Issue	Description
CORE-6768	You can parameterize the connect string and the database server name in the relational database connection.

## Profiles and Scorecards Fixed Issues (10.5)

The following table describes fixed issues:

Issue	Description
IDE-5172	If the domain includes multiple Data Integration Services, the Developer tool fails to run a profile with the default Data Integration Service.
IDE-4907	You cannot select a resource to run a profile in the Developer tool.
IDE-4893	If you run a profile in the Spark run-time environment in the command line interface, a profile job fails.
IDE-4795	Profiling all rows in a databricks source fails with an SQL exception. <b>Workaround:</b> Use the <b>First N rows</b> or <b>Random N rows</b> option and specify a higher upper limit.
IDE-4587	The profile export fails with "Failed- No file" error when you export a profile from the Analyst tool that runs on different nodes and when the Data Integration Service is enabled to use the Operating System profile.
IDE-4583	The drilldown on a specific metric fails and the following error message appears: Cannot add all the objects in an containment collection to itself

Issue	Description
IDE-4513	After you edit a filter name that is associated with a metric, the filter fails with the following error message: <code>com.informatica.imf.icore.exception.UnresolvedProxyException: [IMF_1026] Any getter or setter method cannot be accessed on a proxy object.</code>
IDE-4501	You cannot drill down a scorecard after you run a profile on the Spark engine. Workaround: Select all the columns and rules to the scorecard.
IDE-431	If the domain includes multiple Data Integration Services, the Developer tool fails to run a profile with a specific Data Integration Service that you configure.
IDE-2897	Analyst tool takes longer than usual to open a scorecard.
IDE-2829	After you upgrade from Informatica 9.6.1 HotFix2 to 10.1.1, a few scorecards objects do not list rules.
IDE-2500	Column profile run fails for a logical data object when one of the following conditions is true: <ul style="list-style-type: none"> <li>- Pushdown optimization fails for the logical data object. This issue occurs for logical data objects that you create on data sources except IBM DB2 and Oracle data sources.</li> <li>- The database collation is not set to latin1_general_bin.</li> </ul>
IDE-2491	The metric group score is calculated based the average of all the metric scores instead of the sum of the row counts from each metric group.
IDE-2440	When you create a scorecard and add columns to the scorecard, the Developer tool does not display the value frequency matrix of the valid or invalid columns from a profile run.
IDE-2337	You cannot export profile objects when Data Integration Service and Analyst Service run on different nodes.
IDE-1700	When you run a scorecard from the command line interface, the scorecard email notification message provides an incorrect link to the scorecard object in the Analyst tool.
IDE-1668	When you export the scorecard summary results to an Excel sheet, the invalid values are exported along with the valid values.

## Test Data Management Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
TDM-8409	Importing rules generates an error.
TDM-7557	Performance issues are noted when you open a data set with 150 fields in Test Data Manager.
TDM-29185	You cannot generate a workflow that includes a parameter for the date data type.
TDM-27882	A unique substitution masking mapping that works when run independently in the Developer Tool, fails when deployed in an application in the Developer Tool.
TDM-27774	The Description field does not appear in the step to add tables to a group.

Issue	Description
TDM-27746	A workflow fails to run and generates a memory allocation error.
TDM-26061	Plans fail in the Disable Constraint step.
TDM-25956	Import Metadata jobs fail if the names of the index constraint and foreign key constraint are the same.
TDM-25007	If you open the Tables tab for a data set table that contains more than 220 columns, Google Chrome and Internet Explorer browsers become unresponsive for up to 15 minutes and then close unexpectedly.

## Third-Party Fixed Issues (10.5)

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

The following table describes fixed issues:

Issue	Description
OCON-25985	When you use a Sqoop mapping to import data from SQL Server tables that have columns that start with an underscore ("_"), the import fails. Sqoop ticket reference number: SQOOP-2561
IIS-3381	On a Hortonworks HDP 3.1 cluster, Spark engine incorrectly converts string data type to binary data type. Hortonworks ticket reference number: 270
BDM-37135	When the Databricks Spark engine runs a mapping, the mapping might fail with the following error: <code>org.apache.spark.sql.catalyst.errors.package\$TreeNodeException: Binding attribute, tree</code> Spark ticket reference number: SPARK-31620
BDM-35513	When the Spark engine runs a mapping on an EMR 6.0 cluster that contains an Update Strategy transformation with a DD_DELETE condition, the mapping fails with an error like: "java.io.IOException: Corrupted records with different bucket ids from the containing bucket file found! Expected bucket id 0, however found the bucket id 1" Apache ticket number: HIVE-20719
BDM-35133	When the Spark engine runs a mapping that contains an Update Strategy transformation with a DD_DELETE condition on an EMR 6.0 cluster, the mapping fails with an error like: <code>java.io.IOException: Corrupted records with different bucket ids from the containing bucket file found! Expected bucket id 0, however found the bucket id 1</code> Apache ticket number: HIVE-20719
BDM-33967	Databricks clusters do not support concurrent mapping processing. While very limited concurrency is sometimes possible, concurrency support depends on multiple factors and is difficult to predict.
BDM-26204	Apache Spark SQL in versions 2.4.7 and older process data value (0) for DECIMAL(n,n) as NULL.

Issue	Description
BDM-23420	A mapping with a Sorter transformation that contains datetime data in its default value changes the data when you run the mapping on a MapR cluster. MapR ticket reference number: 00072094
BDM-14422	The mapping fails with an error on Spark engine due to duplicate columns in the Hive table. SPARK-23519

## 10.5 Known Issues

This section contains known issues that were found in 10.5.

### Data Engineering Integration Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
OCON-27886	When the Spark engine runs a Sqoop mapping on Cloudera CDH version 6.3.4 to write data with the Date data type to a Greenplum target, the mapping fails with the following error:  <code>org.postgresql.util.PSQLException: ERROR: date out of range: "444001-10-28 BC +05:30"</code>
PLAT-28258	A SAML login attempt from the Administrator console with an invalid credential fails as expected, but appears as a login attempt from the Native security domain. The attempt should appear in the log as a login attempt from a blank security domain.
BDM-38142	Developer Tool users without administrator-level permissions cannot view run-time applications or application objects.
BDM-37934	When you run a mapping on a complex file source in Spark mode, the mapping does not write data to the target file if both the following conditions are true: <ul style="list-style-type: none"> <li>- The Hadoop distribution of the cluster is Cloudera CDH version 6.3.4.</li> <li>- The complex file source has a binary or custom input file format.</li> </ul>
BDM-37712	The filemanager utility fails with a permission error if you run a command from a domain that does not contain your user account.
BDM-37594	The Cluster Configuration creation interface in the Administrator Console erroneously lists CDH 6.1 among the versions of Hadoop clusters from which to create a cluster configuration. Cloudera CDH 6.1 is not supported in Informatica version 10.5.



Issue	Description
BDM-37568	<p>After you create a SQL data service and try to generate a mapping for a SQL query using the deployed SQLDS command, you get an error message similar to the following:</p> <pre>Command [prepareMapping] failed with error [[SQLCMN_10034] : The SQL Service Module encountered the following error while executing the SQL against the SQL data service: [com.informatica.ds.sql.jdbcdrv.PreparedStatementImpl cannot be cast to com.informatica.ds.sql.jdbcdrv.StatementImpl]]</pre>
BDM-37537	<p>Mappings with a Python transformation succeed on a Databricks 5.5 cluster but fail on a version 7.x cluster with an error like: Job aborted due to stage failure: Task &lt;n&gt; in stage &lt;n.n&gt; failed 4 times, most recent failure: Lost task &lt;n.n&gt; in stage &lt;n.n&gt; ...</p>
BDM-37351	<p>When the Spark engine runs a mapping that includes an Update Strategy transformation that performs an INSET, UPDATE or DELETE operation and the source includes duplicate rows, the mapping fails with a "Cardinality Violation in Merge statement" error.</p> <p>Workaround: Disable the option "Use Hive Merge."</p>
BDM-37300	<p>The remove command fails if you use a special character in the file name.</p>
BDM-37158	<p>The permission and connection check takes more than 30 minutes if there are more connections in a domain.</p>
BDM-37148	<p>When you run a mapping with an audit and you use a JDBC V2 connection for the audit results, the Data Integration Service does not write the results to the database and logs the following exception:</p> <pre>SEVERE: Data integration service failed to create DTM instance ... Caused by: java.lang.IllegalArgumentException: Not relational: com.informatica.adapter.jdbc_v2.connection.JDBC_V2ConnectInfo</pre>
BDM-37084	<p>The filemanager command fails if you use unicode characters in a file name or path on Microsoft Windows.</p>
BDM-37081	<p>When you rename or move a file to a target directory that already exists, the filemanager creates a new subdirectory under the existing target directory. This issue occurs if you use ADLS Gen 1 storage.</p>
BDM-37009	<p>When the Spark engine runs a mapping that writes to an external Hive target using a Cloudera CDP Public Cloud cluster and you use choose RETAIN as the target schema strategy, the mapping fails with the following error:</p> <pre>SEVERE: The Integration Service failed to execute the mapping ... Caused by: java.lang.IllegalArgumentException: Wrong FS</pre> <p>Workaround: Enable <b>Truncate target table</b> in the Advanced properties for the Hive target.</p>
BDM-36951	<p>The filemanager utility log displays incorrect log tracing level for WARNING and INFO. You might see the log tracing level as SEVERE for WARNING or FINE for INFO.</p>

Issue	Description
BDM-36841	<p>When you perform a data preview downstream of the transformation with multiple output groups, the data preview fails with following message:</p> <pre>Cannot run the data preview on the Spark engine because of the following errors: Unable to preview the mapping at this transformation. Additional information may be available in the logs.</pre>
BDM-36262	<p>On Databricks, when you run a streaming mapping with Delta target in high precision mode, the mapping fails with <code>Failed to merge decimal types with incompatible precision error</code> if the specified precision value is not the default value (18).</p> <p><b>Workaround:</b> Specify the correct precision value.</p>

## Data Engineering Streaming Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
IIS-5459	<p>When you run a streaming mapping, cache refresh does not occur when the following conditions are true:</p> <ul style="list-style-type: none"> <li>- Hive data is stored in either Optimized Row Columnar (ORC) or Parquet file format</li> <li>- Refresh cache interval is set to 0</li> </ul>
IIS-5430	<p>On HDP, when you run a streaming mapping, cache refresh does not occur for managed table.</p> <p><b>Workaround:</b> Use external tables instead of managed tables.</p>
IIS-5219	<p>Pushdown optimization fails when you run a streaming mapping that contains a Lookup transformation with filter transformation.</p>
IIS-4973	<p>When you run a streaming mapping with a Kafka source and Amazon S3 target on Amazon EMR version 5.29 secure cluster, rollover of the Amazon S3 target files fail with <code>Access Denied</code> error.</p>
IIS-4946	<p>When you run a streaming mapping with a Kafka source and Cassandra target, the <b>Truncate Target Table</b> option enabled in the <b>Cassandra Advanced Properties</b> window is not honored.</p> <p><b>Workaround:</b> Use the truncate table command before running the mapping.</p>

## Data Privacy Management Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
SATS-40546	Protection jobs for IBM DB2 for z/OS data stores fail during workflow execution in Test Data Management.
SATS-40440	Protection jobs for Azure SQL Database data stores fail in Test Data Management because of missing required secure JDBC parameters. <b>Workaround:</b> Add the following property to the end of the JDBC URL and run the job: <code>DataIntegrityLevel=accepted;CryptoProtocolVersion=TLSv1.2</code>
SATS-40426	If you create the Data Privacy Management repository on a PostgreSQL database, you cannot create security policies.

## Domain Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
PLAT-26364	When you use a domain hosted on a IPv6-enabled machine and you click the Help icon in the Informatica Administrator, the local help is displayed instead of the hosted help.

## Enterprise Data Catalog Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
EIC-54115	The Informatica cluster validation utility does not validate the fully qualified domain names that you specify for the gateway host, data nodes, and processing nodes.
EIC-53410	When you rerun a resource after you upgrade to Enterprise Data Catalog version 10.5 on a multi-node cluster, duplicate objects appear in the catalog if the data source includes object ID changes.
EIC-53600	The <code>generate_csr.sh</code> script generates the Certificate Signing Request (CSR) with a hardcoded value for the Distinguished Name (DN) in the CSR. The hardcoded value is <code>OU=Informatica,O=Informatica,L=RedwoodCity,S=California,C=US</code> . <b>Workaround:</b> Modify the <code>generate_csr.sh</code> script and update the DN as shown in the following sample: <code>dName=\$dName'OU=InformaticaClient,O=Informatica,L=RedwoodCity,S=California,C=US'</code> . You can modify the values for <i>O</i> , <i>L</i> , <i>S</i> , and <i>C</i> based on your requirements. You must not change the default value for <i>OU</i> .
EIC-53598	When you upgrade to Enterprise Data Catalog version 10.5, you cannot view the custom attributes created before the upgrade for a resource and an asset.

Issue	Description
EIC-53403	<p>The MongoDB and Nomad services fail and the logs display permission errors for the services when you start the services using the Informatica Cluster Service. Workaround: Perform the following steps:</p> <ol style="list-style-type: none"> <li>1. Assign 757 permission to the following directories: <ul style="list-style-type: none"> <li>- /usr/local/bin/mongo</li> <li>- /usr/local/bin/nomad</li> </ul> </li> <li>2. Recycle the Informatica Cluster Service.</li> </ol>
EIC-53401	<p>If you run an IBM Netezza resource before copying the JDBC driver jar file to the &lt;INFA_HOME&gt;/services/CatalogService/ScannerJars/externalDependencies/NetezzaScanner directory on the Informatica cluster, the resource fails with a NullPointerException during file upload.</p>
EIC-53376	<p>The Apache Solr UI does not list the collection information when the Apache Solr service is SSL enabled.</p> <p>Workaround: Remove the old certificate from your browser and import the new certificate.</p>
EIC-53357	<p>If the Informatica Cluster Service is SSL-enabled, similarity profiling backup fails when you back up the catalog using REST APIs.</p> <p>Workaround:</p> <ul style="list-style-type: none"> <li>- Assign the chmod 600 permissions to the following files: <pre>\$INFA_KEYSTORE/\$ICS_SERVICE_NAME/client_certs/infa_privkey.pem \$INFA_KEYSTORE/\$ICS_SERVICE_NAME/cluster_certs/infa_privkey.pem</pre> </li> <li>- Back up the catalog using the backup REST API.</li> </ul>
EIC-53349	<p>The generate_certs.sh script that generates custom SSL certificates does not accept a PEM file as input. The script also does not extract all certificates in the certificate chain from the CA.</p>
EIC-53347	<p>In Enterprise Data Catalog version 10.5, you lose the enrichments configured for the Tableau resource when you run the resource again.</p> <p>Workaround: Back up the enrichments before you run the resource again.</p>
EIC-53335	<p>When you create the Informatica Cluster Service using Informatica Administrator, the wizard does not validate if the gateway host name specified is a fully qualified domain name.</p>
EIC-53333	<p>The infacmd backup and restore commands fail if the Informatica domain is installed on RHEL 6.x. Contact Global Customer Support to resolve the issue.</p>
EIC-53323	<p>When the catalog backup fails with an SSLHandshakeException error, the details of the file that caused the error are not provided.</p>
EIC-53321	<p>Backup of catalog using REST API fails with the following error:</p> <pre>org.apache.http.conn.HttpHostConnectException: Connect to.</pre>
EIC-53320	<p>The migrateContents command fails with a Could not connect to MRS with the provided configuration error when you run the command on a multi-node Enterprise Data Catalog deployment.</p> <p>Workaround: Disable similarity content migration in the following file: \$INFA_HOME/services/CatalogService/Binaries/MigrationModuleConfigurations.properties. Run the migrateContents command again.</p>
EIC-53284	<p>When you download the asset change notifications to a .csv file, the file does not contain more than 20 notifications.</p>

Issue	Description
EIC-53261	The disk space verification is not disabled after you configure the <code>IcsCustomOptions.ihs.enable.diskcheck=</code> custom property as false for the Informatica Cluster Service.
EIC-53253	When you export reference objects from a Data Quality resource to a .csv file, the .csv file does not display the exported reference objects.
EIC-53239	In a multi-node deployment, when you enable the Catalog Service, the service shows the following error: Unable to find a valid certificate to connect to the Catalog Service. The error occurs if you configured Informatica Cluster Service in the node that hosts the Informatica domain and the Catalog Service in a separate node.
EIC-53232	You cannot enable Informatica Cluster Service in a multinode domain environment. Workaround: Add a backup node to the Informatica Cluster Service.
EIC-53230	When you access Catalog Administrator using the Microsoft Internet Explorer browser, the following walkthroughs do not launch: <ul style="list-style-type: none"> <li>- Resource Creation</li> <li>- Custom Attribute Creation</li> <li>- Data Domain Creation</li> </ul>
EIC-53226	The LDM <code>migrateContents</code> command fails in a multi-node deployment where the services are enabled for SSL.
EIC-53182	Icons are not displayed in SSAS/SSRS/Advanced Objects [Procedure Definition]. Workaround: Copy the icons manually from <code>InstalledLocation/services/CatalogService/AdvancedScannersApplication/app/utils/scanners/icons</code> to the <code>InstalledLocation/services/CatalogService/ldmcatalog/res/img/scanners</code> directory.
EIC-53138	The MongoDB service fails with the following error when you use a custom SSL certificate: SSL peer certificate validation failed: path length constraint exceeded. The service validation does not validate if the custom SSL certificate path length for a non-zero value.
EIC-53127	When you use Advanced Scanners, if the Database Connection key name of a connection includes a comma, Enterprise Data Catalog does not generate a corresponding reference object.
EIC-53125	When you upgrade from an earlier version, user-defined stop words are not migrated.
EIC-53124	If you assign connections between a HDFS and an Informatica Platform reference resource, the connection ID appears as the schema name in the Connection Assignment page.
EIC-53077	Enterprise Data Catalog displays incorrect source datatypes for an advanced Snowflake resource when compared to the native Snowflake resource.
EIC-53056	When you assign the custom property <code>LdmCustomOptions.ingest.reindex.progress.log.level</code> to the Catalog Service and then add or remove any assigned custom property, the LDM.log shows the NullPointerException error.
EIC-53050	When you configure the <code>LdmCustomOptions.ldm.logs.debug.packages</code> custom property for the Catalog Service, the debug log appears in the LDM.log file. The debug log disappears from LDM.log after you recycle the Catalog Service.
EIC-53020	The <code>migrateContents</code> command fails. Workaround: Use the <code>-resume</code> option with the command to continue the data migration.

Issue	Description
EIC-52979	Catalog backup using the REST API fails with a <code>java.lang.ArrayIndexOutOfBoundsException</code> error.
EIC-52763	The export utility fails with the Invalid or corrupt jarfile export.jar error if you use a Java version other than version 8. Workaround: Run <code>\$INFA_HOME/java/bin/java -jar export.jar export</code> or change the default system Java to Java 8.
EIC-52731	When different users are assigned as the data owner and data steward for an asset, the option to certify the asset is not available.
EIC-52706	When viewing results in the search results page, when you use the pagination control to navigate to a different page and then apply a Resource Name filter, no results appear.
EIC-52703	When you run relational resources such as IBM Netezza, Teradata using the external dependency approach, the resource scan fails. Workaround: Recycle the Catalog Service after copying the JDBC driver jar file to the <code>&lt;INFA_HOME&gt;/services/catalogservice/scannerjars/externaldependencies</code> directory.
EIC-52563	Enterprise Data Catalog incorrectly displays deleted glossary child of an Axon resource in the <b>Contains</b> tab.
EIC-52376	When you edit a custom attribute, the page takes a long time to load.
EIC-52328	The compact view of lineage and impact diagram displays incorrect count of data elements for column level lineage.
EIC-52288	When you access Enterprise Data Catalog using the Safari browser and launch the Introduction to Column Overview walkthrough, you cannot view a step and proceed through the flow. Workaround: Refresh the page to view the step.
EIC-52249	Walkthroughs do not launch if the URL does not change when you navigate to the Enterprise Data Catalog home page from the search results page.
EIC-51835	When you select a glossary that has greater than 255 characters in its name in the <b>Business Term Association</b> settings, and then run the resource, the business term association task fails for the resource and the following message appears in the log file: <code>java.util.concurrent.ExecutionException: java.lang.IllegalArgumentException.</code>
EIC-51258	If you run a profile on an Azure MySQL resource, Enterprise Data Catalog fails to profile columns of <code>varchar(500)</code> datatype.
EIC-50925	Assets appear in a random order in the <b>Change Summary</b> tab for a resource.
EIC-50831	When you run Amazon S3, Azure Data Lake Store, and Microsoft Azure Blob Storage resources in the high-priority mode, the source metadata and data discovery jobs fail.
EIC-50430	The Advanced Scanners log does not report any errors although the data objects are not loaded into Enterprise Data Catalog because of model inconsistency.
EIC-49746	The pre-validation utility does not validate Data Privacy Management services such as Elasticsearch and Spark.
EIC-48446	X.509 role-based authorization is not supported for the MongoDB service.

Issue	Description
MDX-20197	For the Advanced Scanners assets, you cannot search for expressions included in calculations.
MDX-20925	If the Snowflake resource includes a cross-database view, the view appears as Unresolved View on the <b>Overview</b> page of the resource. The System Attributes for the view displays the following error message: <code>ERROR Unknown table: [SNOWFLAKE]</code> . Workaround: Manually add the database entry in the Connection Registry for the resource.
MDX-20596	For the Advanced Scanners COBOL resource, you cannot expand the lineage for a multiple records file from a flat file to the field level. Workaround: Start lineage directly from the Flat File Field objects.
MDX-20997	When a connection is auto-assigned, Advanced Scanners displays the <code>Completed</code> status even though the connection assignment is in progress.
EIC-52652	For a COBOL Advanced Scanners resource with connections assigned in Enterprise Data Catalog, the lineage selection for the target asset does not list all resources. Instead, lineage is displayed for all the related Enterprise Data Catalog resources.
MDX-21017	As Advanced Scanners uses Unix operating system, you cannot establish a direct connection to the Microsoft SQL Server Reporting Services server web service. The exporter provided by Informatica is in Microsoft Windows executable format. Workaround: <ol style="list-style-type: none"> <li>1. From the <code>SCANNERS_HOME/utils/ssrs</code> folder, copy the <code>ssrs-exporter-*.exe</code> file to a Microsoft Windows machine.</li> <li>2. Export SSRS reports to XML files.</li> <li>3. Transport exported files to the Enterprise Data Catalog Advanced Scanner Unix server.</li> <li>4. To use exported XML files in configuration, set the SSRS source parameter to <b>Files</b> and the Input files parameter to the exported files.</li> </ol>
MDX-21760	In the Advanced Scanners tool, you can add and edit Connection Registry entries. When performing these actions, in the <b>Advanced configuration</b> properties, you must not choose the following options as they are not supported: <ul style="list-style-type: none"> <li>- <code>edc.resourceNameSchemaMapping</code></li> <li>- <code>edc.fileConnectionMode</code></li> <li>- <code>edc.linkingMode</code></li> <li>- <code>edc.resourceName</code></li> </ul>

## Enterprise Data Preparation Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
IDL-18291	When you upload data during data preparation, the upload button is unavailable. Workaround: Add at least one hive connection when you create a cluster configuration in the Informatica Administrator and add a hive resource in Resource Management page.

## Mappings and Workflows Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
IDQ-9850	<p>The Data Integration Service encounters errors when you run a mapping that includes data quality transformations on Databricks Spark.</p> <p>Workaround: Set the following custom properties on the Data Integration Service:</p> <ul style="list-style-type: none"><li>- <code>ExecutionContextOptions.databricks.enable.infa.libs.autoinstall</code> . Installs the Informatica libraries on the cluster. Set the property to <code>true</code>.</li></ul> <p>The library installer runs when you first run a mapping on the cluster. Run a single mapping to activate the installer.</p> <ul style="list-style-type: none"><li>- <code>ExecutionContextOptions.AV_DATABRICKS_DATA_LOCATION</code>. Identifies the location of the address reference data files that the Address Validator transformation reads.</li><li>- <code>ExecutionContextOptions.DATABRICKS_POPULATION_FILE_LOCATION</code>. Identifies the location of the identity population data files that the Match transformation reads when you configure the transformation for identity analysis.</li></ul> <p>The locations that you set must be readable by the Data Integration Service on the cluster node. For example, you might set the following locations on the Databricks File System:</p> <pre>dbfs/av dbfs/population</pre>

## PowerCenter Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
PLAT-28112	<p>The PowerCenter Repository Service fails to get enabled for a Kerberos logged in user on CURL 7.68.</p>
CORE-9452	<p>When you have a domain that uses Kerberos authentication and you have configured the repository database with the PostgreSQL ODBC connection, the PowerCenter repository restarts after displaying the following error:</p> <pre>[Failed to connect to repository service [CRSKERBEROS_100].] An error occurred while accessing the repository[Failed to connect to repository service [CRSKERBEROS_100].] [03/04/2021 20:52:11- [REP_55102] Failed to connect to repository service [CRSKERBEROS_100].] [03/04/2021 20:52:11- [REP_55066] Connectivity to the Repository Service CRSKERBEROS_100 has been lost. The status of the current operation is unknown.]</pre> <p>This issue appears when you connect to a repository in Kerberos -u mode without content or when you delete the repository content.</p> <p><b>Workaround:</b> Use native Postgres database connection on Kerberos domain and ODBC connection on a non-Kerberos domain.</p>



## Profiles and Scorecards Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
IDE-5203	If the profiling warehouse is configured on the IBM DB2, the exported file does not display datatypes of the rule columns.
IDE-4888	The random sampling runs on all the rows for the Hive data source in the native and blaze run-time environment.

## Third-Party Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
OCON-27441	When you use a Microsoft SQL Server connection for Azure SQL database and enable data object caching for the LDO object in a web service, the web service request fails. Progress ticket number: 00912400
BDM-36509	When the Spark engine runs a mapping with a Hive source and a target that contains hierarchical data with Unicode characters, the mapping fails with the following error: <code>org.apache.spark.SparkException: Cannot recognize hive type string</code> The mapping fails because Spark SQL cannot read Hive structs with Unicode characters.
BDM-34066	When you import the cluster configuration directly from Cloudera and you choose to create associated connections, the import wizard fails to create a Hive connection and displays the following error: [EDR_1069] Failed to resolve the option [connectstring] of connection [HIVE_cco_ac] because the associated cluster configuration [CCC_AC] does not contain the property [hive, metastore, uris]. Workaround: 1. Create the cluster configuration by importing the configuration from an archive file. 2. Edit the Hive connection to fix the metadata connection string and data access connect string to point to the compute cluster. Cloudera ticket number: OPSAPS-57696
MRS-2309	When you create the Model Repository Service contents, the following warning message is observed in the PostgreSQL database log file: <code>SET TRANSACTION can only be used in transaction blocks</code>

## Installation and Upgrade Known Issues (10.5)

The following table describes known issues that were found in 10.5:

Issue	Description
PLAT-28416	When you install Enterprise Data Preparation, the installer checks for Model Repository Service and Data Integration Service and displays the following warning after installation if the services are already enabled: <code>Installation Status: WARNING</code> <b>Workaround:</b> Ignore the warning message.

## Cumulative Known Issues

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

### Data Engineering Integration Known Issues (Cumulative)

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

Issue	Description
BDM-36874	When the Spark engine runs a mapping on a Cloudera CDP Public Cloud cluster, the mapping fails if you read from or write to a directory on the Data Lake cluster. The mapping fails with the following error: <code>SEVERE: [LDTM 4872] HDFS source directory [/BDM_Automation/targetData/BZIP/m_all_compression_write_sparkMode] is not found. Specify a valid directory and try again.</code>
BDM-36873	When you run a mapping on a Cloudera CDP Public Cloud cluster, the mapping fails if you read from or write to a relative path on the Data Lake cluster. The mapping fails with the following error: <code>UNK_66008 File [hdfs://ns1/user/&lt;impersonation_user&gt;/SparkRelativePathDir//_tmp_infa_8365285398800525369_HDFS_RelativeSourceTarget.out/HDFS_RelativeSourceTarget.out/attempt_20210104065255_0000_m_000000_3] could not be opened because of the following error: [java.lang.IllegalArgumentException: Wrong FS: hdfs://ns1/user/&lt;impersonation_user&gt;/SparkRelativePathDir/_tmp_infa_8365285398800525369_HDFS_RelativeSourceTarget.out/HDFS_RelativeSourceTarget.out/attempt_20210104065255_0000_m_000000_3,</code>
BDM-35764	You cannot fetch aggregate logs for applications that run on a Cloudera CDP Public Cloud cluster.
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. <b>Workaround:</b> Run the mapping on the Blaze engine.

Issue	Description
BDM-34065	<p>When you import the cluster configuration from Compute cluster configured on Cloudera and you choose to create associated connections, the creation process fails to create the Hive connection and displays the following error:</p> <pre>[EDR 1069] Failed to resolve the option [connectString] of connection [HIVE_cco_ac] because the associated cluster configuration [CCO_AC] does not contain the property [hive.metastore.uris].</pre> <p>Workaround:</p> <ul style="list-style-type: none"> <li>- Create cluster configuration using import from archive file option.</li> <li>- For Hive connection, fix Metadata connection string and data access connect string JDBC connection to point to compute cluster.</li> </ul>
BDM-33922	<p>In a Kerberos-enabled domain, a mapping that runs on the Spark engine using an impersonation user fails if the following conditions are true:</p> <ul style="list-style-type: none"> <li>- The cluster staging directory is in an encryption zone.</li> <li>- The impersonation user is configured as a proxy user for an Active Directory user.</li> <li>- The proxy user, and thus the mapping impersonation user, has the DECRYPT privilege in the encryption zone.</li> <li>- The Active Directory user does not have the DECRYPT privilege in the encryption zone.</li> <li>- The Hadoop staging user is set to the mapping impersonation user.</li> </ul> <p>Workaround: Provide the DECRYPT privilege in the encryption zone to the Active Directory user, or use a cluster staging directory that is outside of the encryption zone. For example, use the /tmp directory.</p>
BDM-33585	<p>When a mapping that runs on the Blaze engine reads from or writes to an encryption zone in HDFS, the mapping fails.</p> <p>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.</p>

## Data Engineering Streaming Known Issues (Cumulative)

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

Issues	Description
IIS-5180	When you run a streaming mapping on Cloudera CDP version 7.2, the <b>Summary Statistics</b> view in <b>Monitor</b> does not display the job details.
IIS-4973	When you run a streaming mapping with a Kafka source and Amazon S3 target on Amazon EMR version 5.29 secure cluster, rollover of the Amazon S3 target files fail with <code>Access Denied</code> error.

## Profiles and Scorecards Known Limitations (Cumulative)

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

Issue	Description
IDE-4899	When you run a column profile on a Hive source, the profile run fails on the Spark engine if the profile has a filter and runs on a random sample.
IDE-4887	When you choose the <b>Use global setting for all profiles</b> option for an enterprise discovery profile and run it on the Spark engine, the profile run fails.
IDE-4798	The enterprise data discovery fails when the following conditions are true: 1. In the Analyst tool, you create an enterprise discovery profile name. 2. You run the enterprise data discovery on the data source. 3. You create another enterprise discovery profile with the same name. Workaround: Change the enterprise discovery profile name.
IDE-4766	If the Data Integration Service runs on the multiple machines simultaneously, you cannot receive scorecard email notification.
IDE-4509	The value column in the exported excel sheet is empty when you export the profile results to the directory other than default directory.
IDE-4370	When you run a profile on the Spark engine, Analyst tool does not display data domain discovery results.

## Third-Party Known Issues (Cumulative)

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

Issue	Description
BDM-35662	The Spark engine version 3 fails mappings that contain a MAP function with a key of type "map." Spark ticket number: SPARK-26071
BDM-35661	The Spark engine fails mappings on a Cloudera CDP Public Cloud cluster when the following conditions are true: <ul style="list-style-type: none"><li>- The mapping reads from a Hive source created with a custom query.</li><li>- The query uses arithmetic operations for the column name. For example, to add 100 to every value in INT_1, you use the following query: <code>SELECT INT_1 + 100 FROM Hive_table.</code></li></ul> You might see the following exception in the log file: <code>java.lang.reflect.InvocationTargetException ... Caused by: org.apache.spark.sql.AnalysisException: cannot resolve '&lt;column name&gt;' given input columns: [&lt;column names&gt;]</code> <b>Workaround:</b> In the SQL override query, provide an alias name for columns that use arithmetic operations in the query. For example, <code>SELECT INT_1 + 100 as &lt;alias name&gt; FROM Hive_table.</code> Cloudera ticket number: CDPD-3293

Issue	Description
BDM-34608 BDM-34615	<p>When the Spark engine runs a mapping with a Hive WASBS source and a flat file target on a non-ESP-enabled Hadoop cluster, it creates separate staging directories for users other than the expected impersonation user.</p> <p>Workaround for non-ESP-enabled HDInsight 4.0 clusters: Set the following properties on the cluster:</p> <ul style="list-style-type: none"> <li>- Set "Run as end user instead of Hive user" (doAs) to TRUE.</li> <li>- Enable hive.metastore.execute.setugi.</li> </ul> <p>Workaround for ESP-enabled HDInsight 4.0 clusters: set "Run as end user instead of Hive user" (doAs) to FALSE.</p> <p>Microsoft ticket number: 120072723000878.</p>
BDM-34066	<p>When you import a Cloudera CDH compute cluster configuration directly from the cluster, the cluster configuration does not include the hive-site.xml file.</p> <p><b>Workaround:</b> Download all *-site.xml files from the Hadoop cluster as a .zip file and import the compute cluster configuration from the archive file.</p> <p>Cloudera ticket: 697586</p>
BDM-33828	<p>When the Spark engine runs a mapping on a Cloudera CDP cluster, the mapping fails with the following SPARK_1003 error:</p> <pre>MetaException (message:Permission denied: user [&lt;impersonation user&gt;] does not have [SELECT] privilege on [default])</pre> <p><b>Workaround:</b> In Ranger, add SELECT privileges to the default database for all users who run Spark queries.</p> <p>Cloudera ticket: CDPD-12622</p> <p>For more information, see <a href="#">Cloudera 7.1.1 Release Notes</a>.</p>
BDM-28598	<p>When the Spark engine processes an input value of zero in a decimal port that is configured with equivalent precision and scale, the engine treats the value as data overflow and the return value is NULL on a Hortonworks HDP 3.1 cluster.</p> <p>Cloudera ticket reference number: 635063</p>
BDM-25513	<p>When you have a mapping with a Hive ACID source and target tables that runs on the Spark engine, the Summary Statistics view does not reflect any throughput statistics for the mapping job.</p> <p>Cloudera ticket reference number: 00225986</p>
BDM-23104	<p>The Spark engine cannot write data to a bucketed Hive target if the Hadoop distribution is MapR.</p> <p>MapR case number: 00074338</p>
BDM-10455	<p>Inserts into a bucketed table can sometimes fail when you use Hive on Tez as the execution engine. The issue is more probable if the table is a Hive ACID table and a delete operation is performed before the inserts.</p> <p>Apache ticket reference number: TEZ-3814</p>
BDM-4674	<p>A mapping with an Update Strategy transformation fails at run time if the Hive target has more than one primary key.</p> <p>Apache Hive ticket reference number: HIVE-19911</p>

## Emergency Bug Fixes Merged into 10.5

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.5. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.5, 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?language=en\\_US](https://knowledge.informatica.com/s/article/FAQ-What-are-the-Emergency-Bug-Fixes-EBFs-merged-into-Informatica-10-5?language=en_US)