



Informatica® Informatica
10.1

Release Notes

Informatica Informatica Release Notes
10.1
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Table of Contents

Abstract.	v
Chapter 1: Informatica Installation.	6
Support Changes.	6
Download the JRE 1.8 SR2 FP10.	6
Creating Application Services During Installation on Windows	7
Error Message for Encryption Key on Windows.	7
Installation in Silent Mode.	7
Chapter 2: Informatica Upgrade.	8
Upgrading the Informatica Domain After Migrating the Informatica Installation to a Different Machine.	8
Reset the Maximum Heap Size Setting After Upgrade.	8
Migrating the Domain Configuration Repository to a Different Database.	9
Migrating a Node to a Different Machine.	9
Upgrade to a New Configuration.	9
Upgrade to a Custom Keystore Domain.	9
Upgrade from 9.6.1 HotFix 4 to 10.1.	10
Domain Upgrade.	10
Upgrade from Version 9.5.1.	10
Run Infacmd Commands After Upgrade for Profiles.	10
Chapter 3: 10.1 Fixed Limitations and Closed Enhancements.	12
Big Data Fixed Limitations.	12
Business Glossary Fixed Limitations and Closed Enhancements.	14
Data Transformation Fixed Limitations and Closed Enhancements.	14
Informatica Analyst Fixed Limitations.	15
Informatica Connector Toolkit Fixed Limitations.	18
Informatica Developer Fixed Limitations and Closed Enhancements.	18
Informatica Domain Fixed Limitations.	23
Live Data Map Fixed Limitations.	25
Metadata Manager Fixed Limitations.	26
PowerCenter Fixed Limitations and Closed Enhancements.	28
Rule Specification Fixed Limitations and Closed Enhancements.	29
Third-Party Fixed Limitations.	31
Chapter 4: 10.1 Known Limitations.	32
Administrator Tool Known Limitations.	33
Analyst Tool Known Limitations	33
Application Service Known Limitations.	34

Big Data Known Limitations.	35
Business Glossary Known Limitations.	39
Command Line Program Known Limitations.	41
Informatica Connector Toolkit Known Limitations.	41
Data Transformation Known Limitations.	42
Data Type Known Limitations.	42
Developer Tool Known Limitations.	44
Intelligent Data Lake Known Limitations.	45
Live Data Map Known Limitations.	46
Mapping and Workflow Known Limitations	47
Metadata Manager Known Limitations.	49
PowerCenter Known Limitations.	51
Profile and Scorecard Known Limitations.	51
Rule Specification Known Limitations.	52
Third-Party Limitations.	54
Transformation Known Limitations.	56
Chapter 5: Informatica Global Customer Support.	57

Abstract

This document contains important information about restricted functionality and known limitations for Informatica 10.1.

CHAPTER 1

Informatica Installation

This chapter includes the following topics:

- [Support Changes, 6](#)
- [Download the JRE 1.8 SR2 FP10, 6](#)
- [Creating Application Services During Installation on Windows , 7](#)
- [Error Message for Encryption Key on Windows, 7](#)
- [Installation in Silent Mode, 7](#)

Support Changes

Effective in version 10.1, Informatica announces the following support changes:

Support Change	Level of Support	Comments
SUSE 11	Added support	Effective in version 10.1, Informatica added support for SUSE Linux Enterprise Server 11.

For more information about product requirements and supported platforms, see the Product Availability Matrix on Informatica Network:

<https://network.informatica.com/community/informatica-network/product-availability-matrices/overview>

Download the JRE 1.8 SR2 FP10

Before you install Informatica on AIX, you must download the Java Runtime Environment (JRE) version 1.8 SR2 FP10.

Workaround: You must download the `JRE_ifix_new_AIX_10_1.tar` file from the Informatica Network portal.

For more information about how to download JRE 1.8 SR2 FP10 for AIX, see the Informatica Knowledge base article: <https://kb.informatica.com/howto/6/Pages/19/498258.aspx?myk=download%20jre>

(CR 461665)

Creating Application Services During Installation on Windows

When you install Informatica services on Windows and you plan to create application services during installation, you must verify all system requirements and user permissions.

If the system or permissions requirements are not met, the installer cannot create a Model Repository Service or Data Integration Service during installation. The installer displays an error message and exits the installation.

Workaround: Before you start the Informatica services installation, verify that the machine where you install the Informatica services meets all system requirements and the user account that runs the installer has the correct permissions.

(CR 441874)

Error Message for Encryption Key on Windows

When you install Informatica services and generate an encryption key on Windows, the installer fails to execute `isp` commands and displays the following error:

```
The application has failed to start because its side-by-side configuration is incorrect.
Please see the application event log or use the command-line sxstrace.exe tool for more
details
```

Workaround: Install Visual Studio 2008 and then restart the installation.

(CR 461394)

Installation in Silent Mode

When you launch the installer in silent mode and connect to the database with JDBC, the installer displays the following errors :

```
silentinstall.sh: line 607: bc: command not found
silentinstall.sh: line 608: [: -lt: unary operator expected
```

Workaround: Ignore the error and continue with the installation.

(CR 461194)

CHAPTER 2

Informatica Upgrade

Upgrading the Informatica Domain After Migrating the Informatica Installation to a Different Machine

The installer fails to ping the host machine when the following conditions are true:

- You migrated the Informatica domain to a different machine.
- You enabled the **Allow changes to node configuration** and **Enable pre-upgrade checks options**.
- The new host machine and the old host machine share a common user account.

Workaround: Ignore the error and continue the upgrade.

(CR 431565)

Reset the Maximum Heap Size Setting After Upgrade

When you upgrade, the upgrade process consumes a high amount of heap space. The upgrade process automatically sets the maximum heap size setting to 4 GB.

After the upgrade process completes, reset the maximum heap size property for the Model repository to the pre-upgrade setting, or to the recommended value of 1 GB.

(CR 440936)

Migrating the Domain Configuration Repository to a Different Database

If you plan to migrate the domain configuration repository on IBM DB2 or Microsoft SQL Server to a different database during upgrade, you cannot upgrade in silent mode in certain situations.

You cannot upgrade to version 10.0 in silent mode in the following situations:

- The domain configuration repository is on IBM DB2 and you migrate the repository from a multipartition database to a single partition database.
- The domain configuration repository is on Microsoft SQL Server and you migrate the repository from a database in a custom schema to a database in the default schema.

Workaround:

- On Windows, upgrade the Informatica domain in graphical mode.
- On UNIX, upgrade the Informatica domain in console mode.

(CR 440711)

Migrating a Node to a Different Machine

When you upgrade to Informatica 10.0 and you plan to migrate the node to a different machine, do not select the **Enable pre-upgrade checks** option.

When you migrate the node to a different machine during upgrade, the upgrade wizard cannot perform the pre-upgrade checks correctly. If you select the option to enable the pre-upgrade checks, the upgrade wizard checks the information for services in the wrong domain.

For more information about migrating a node to a different machine when you upgrade to Informatica 10.0, see the Informatica Upgrade Guide for the Informatica version that you are upgrading from.

(CR 428476)

Upgrade to a New Configuration

After you move from a Microsoft SQL server custom schema to an SQL Server database enabled with trusted connection, the test connection fails with the following error:

```
Login failed for user 'UserName'
```

(CR 460338)

Upgrade to a Custom Keystore Domain

When you upgrade a custom keystore domain, the custom keystore environment changes to default.

Workaround: When you upgrade a custom keystore domain, perform the following steps:

1. Shut down the domain.
2. Run the `updategateway node` command on all the gateway nodes.
3. Update the keystore file location and keystore password.
4. Restart the domain.

(CR 460922)

Upgrade from 9.6.1 HotFix 4 to 10.1

After you upgrade from 9.6.1 HotFix 4 to 10.1, the Analyst Service fails to start.

Workaround: Manually delete the `/export/home/atqa/dxia/10.1/312/services/AnalystService/analyst` and `/export/home/atqa/dxia/10.1/312/tomcat/temp/ATS/work/ATS/localhost` directories and then start the Analyst Service.

(CR 458215)

Domain Upgrade

When you upgrade the domain and start the Analyst service in Administrator tool, the Administrator tool displays the following error:

```
The status of the upgrade cannot be determined. Use the command line program to complete the upgrade process
```

Workaround: Log out from the Administrator tool, and then log in again.

(CR 436393)

Upgrade from Version 9.5.1

After you upgrade from 9.5.1, the logs appear in `tomcat/logs` directory instead of `{infa_home}/logs/<node name>` directory.

(CR 456065)

Run Infacmd Commands After Upgrade for Profiles

After the upgrade, run the `infacmd migrateProfileResults` and `infacmd migrateScorecards` commands if one of the following conditions is true:

- You are upgrading from version 9.0.1 or version 9.1.0.

- You created profiles in version 9.0.1 or version 9.1.0 and then migrated to later versions before upgrading to version 10.1.

Note: If you have run profiles and scorecards in versions 9.0, 9.0.1, or 9.1.0, then enter the value 9.1.0 for the `<-migrateFrom|-mfr>` option. If you have run profiles and scorecards in version 9.5.0, then enter 9.5.0 as the value.

Navigate to the Informatica services installation directory `<Informatica installation directory>/isp/bin`, and run the following commands:

- `infacmd.bat ps migrateProfileResults <-DomainName|-dn> domain_name <-UserName|-un> user_name <-Password|-pd> password <-MrsServiceName|-msn> MRS_name <-DsServiceName|-dsn> data_integration_service_name`
- `infacmd.bat ps migrateScorecards <-DomainName|-dn> domain_name <-UserName|-un> user_name <-Password|-pd> password <-MrsServiceName|-msn> MRS_name <-DsServiceName|-dsn> data_integration_service_name <-migrateFrom|-mfr> migrate_from_release`

(IDE-1955)

CHAPTER 3

10.1 Fixed Limitations and Closed Enhancements

This chapter includes the following topics:

- [Big Data Fixed Limitations, 12](#)
- [Business Glossary Fixed Limitations and Closed Enhancements, 14](#)
- [Data Transformation Fixed Limitations and Closed Enhancements, 14](#)
- [Informatica Analyst Fixed Limitations, 15](#)
- [Informatica Connector Toolkit Fixed Limitations, 18](#)
- [Informatica Developer Fixed Limitations and Closed Enhancements, 18](#)
- [Informatica Domain Fixed Limitations, 23](#)
- [Live Data Map Fixed Limitations, 25](#)
- [Metadata Manager Fixed Limitations, 26](#)
- [PowerCenter Fixed Limitations and Closed Enhancements, 28](#)
- [Rule Specification Fixed Limitations and Closed Enhancements, 29](#)
- [Third-Party Fixed Limitations, 31](#)

Big Data Fixed Limitations

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

The following table describes fixed limitations:

CR	Description
456324	You cannot create a Hive connection in a Kerberos-enabled domain with TSL 1.2.
455657	When you run a dynamic mapping that uses a control file to dynamically create a Hive table, the Data Integration Service does not read the data types of columns from the control file. Instead, it reads from the run-time properties of the source data object.
455097	When you run a consolidation mapping in the Hadoop environment, the Consolidation transformation can return more than one survivor record.

CR	Description
453749	A mapping that runs on the Hive engine takes a longer time to compile if the mapping has many source and target columns.
453557	Unable to monitor mapping tasks from the Administrator tool when a Blaze mapping is run in a workflow.
453494	When you run a mapping that inserts into a Hive table with two or more partitions, the mapping fails on the Hive engine with the following error: Hive error code [40,000], Hive message [FAILED: SemanticException Partition spec {...} contains non-partition columns]
453317	A mapping that contains a Data Processor transformation has poor performance when running in a Hadoop environment.
450899	When multiple Lookup transformations are connected to a single expression transformation that contains parameters, the Data Integration Service fails to generate a Hive execution plan for the mapping.
450885	If a Hadoop cluster has encrypted zones for the underlying Hive database, the mapping fails at run time when the Data Integration Service drops a table of temporary Hive tables.
450884	If you view the mapping execution plan after changing the order of ports in a Hive data object in the Developer tool, the Developer tool generates an incorrect execution plan and causes the mapping to fail at run time.
449564	Tez jobs fail when the Hive connection user is different from the Data Integration Service user and the hive.execution.engine property value in hive-site.xml is "tez."
448711	If a non-string port is passed to functions such as LTRIM, RTRIM, or TRIM in an Expression transformation, the mapping fails at run time on a Hive engine.
448591	A Hive mapping on Tez fails when a TO_DATE function is used in expressions.
443150	A Blaze engine mapping hangs in the Developer tool and the Monitoring tool displays no status for the mapping because a synchronization error occurs between Blaze engine components.
442422	The DEF framework creates too many file descriptors for each Blaze grid segment and does not clear them till the mapping ends.
441992	Mapping with a Hive target that contains more than 4000 columns takes a long time to complete.
441541	You cannot monitor jobs that use the Blaze engine if the Application Timeline Server uses Kerberos authentication.
440815	Mapping fails in the native environment when it contains a Hive binary data type for an IBM BigInsights and Pivotal cluster.
440121	The output data differs between a mapping run in the native environment and the Hadoop environment when you add MAX and MIN decimal functions in an Aggregator transformation.
438578	Cannot validate a mapping with an Update Strategy transformation after you specify a primary key or preview data for a set of primary keys on a Hive table.
437498	In an Aggregator transformation, if the data types of the functions after an ELSE statement and a THEN statement in an expression do not match, the mapping fails with an argument type mismatch error.

Business Glossary Fixed Limitations and Closed Enhancements

The following table describes fixed limitations:

CR	Description
455279	You cannot relate business terms after you edit the business term template and move the parent or child property from the General section to the Related Assets section.
455278	The Analyst tool truncates the name of custom properties that have more than 200 characters in the label.
455264	The Search Service takes a long time to index Glossary assets after you delete and import the glossary.
455263	The Analyst tool does not import a Business Glossary export file that has incorrect formatting.
455261	The Glossary Security workspace becomes unresponsive when the Business Glossary has more than 8000 LDAP users.
447611	If there are a large number of glossaries while you open the Glossary workspace, the Analyst tool becomes unresponsive.
446602	The Analyst tool randomly refreshes when you search for Glossary assets or sort Glossary assets leading to deselection of checkboxes you might have selected.
445514	The browser crashes intermittently when you view Glossary assets in the Analyst tool.

The following table describes closed enhancements:

CR	Description
446602	When you create a custom property of multi-value type, you can make it mandatory for the user to specify at least one value when configuring the property.
444718	You can delete a reference table URL from a business term in the Analyst tool.

Data Transformation Fixed Limitations and Closed Enhancements

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

The following table describes fixed limitations:

CR	Description
CM-7642	When you import a Data Transformation in Developer, by selecting File->Import , before opening any Data Processor, the import wizard fails with an Error.
CM-7638	The Data Processor wizard throws the error "The selected Avro file is invalid" when using the snappy compressed avro file, even though the file is valid. The cause is that the java version used in the 10.0 release does not load the snappy jar in windows 8.x and 2012 platforms.

The following table describes closed enhancement requests:

CR	Description
459363	The Data Processor transformation supports Parquet for Amazon_emr.
459356	The Data Processor transformation supports Parquet for the Mapr 5.1 distribution.

Informatica Analyst Fixed Limitations

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

The following table describes fixed limitations:

CR	Description
461865	When you set up the profiling warehouse on Microsoft SQL Server, then you cannot detect outliers in the profile results.
461862	The X-axis in the Scorecards by Project pane in the scorecard dashboard does not display the complete project name when the project name exceeds 10 characters.
457721	After you import a complex file data object that contains a Binary column into the Developer tool, the Data column for the data object in the Data Preview pane of the Analyst tool displays <binary></binary> instead of <binary>.
457340	The TIMELASTSAVED value is not updated in the latest profile run after you import a profile definition and run the column profile.
455383	When you run a column profile, the outlier detections sometimes runs for a long time and the Analyst tool stops responding.
454865	When a commit fails while the Search Service is building an index, the Search Service runs out of memory in the internal cache.
454276	In an Informatica domain enabled for Kerberos authentication, a user with read permission on a project cannot open a data object.
453269	Non-administrator users cannot access projects when the connection to the Model repository times out.
453115	When the Model repository contains corrupted metadata, the Analyst Service does not start.

CR	Description
452829	In an Informatica domain enabled for Kerberos authentication, Analyst tool logs out the user when creating a new mapping specification.
452297	When a user creates a table data object, the Analyst tool might take up to three minutes to list connections or projects if the user is not an Administrator.
451875	In the detailed view of profile results, you can use the drilldown option in the Actions menu for data domains. You cannot drill down on a row.
451385	When you have more than 60 data objects in a folder in a project and you click Library > Projects > Folder , you can view only 60 data objects and the Next option does not appear.
451384	When you export/import a mapping specification to a new project, the mapping specification with aggregator condition changes or becomes invalid.
450848	When you create a flat file data object and the flat file cache location is not configured, the Analyst tool hangs.
450409	If you create a reference table from a column of profile data, the Analyst tool displays a Data Validation license error.
449722	When you create a column profile on a Hive table and then you add an SQL filter to the profile, the profile run fails.
446507	The error Unable to run scorecard appears when the following conditions are true: <ol style="list-style-type: none"> 1. In 9.5.x version, you create a scorecard on a relational data object or flat file data object and you create a second scorecard on a mapping specification. 2. You upgrade the domain from 9.5.x version to 9.6.x version. 3. You open the first scorecard in 9.6.x version, the scorecard appears successfully. 4. You open the second scorecard in 9.6.x version.
443365	When you click the link to a column profile in the Related Assets section of the business term, the Analyst tool displays the Discovery workspace but does not display the column profile.
442730	When you open an enterprise discovery profile, the profile header displays <taskname>:<taskname>, instead of <EDD_name>:<taskname>.
442702	When you create PowerCenter Repository Service with MS Windows Latin 1 (ANSI) superset of Latin1 codepage and you try to export the mapping specification to the PowerCenter repository, the repository connection fails.
442595	When a column name has @, %, #, or +, you cannot view the profile results for the column in detailed view and the compare profile run fails for the column.
442161	In the Preferences tab the Business Glossary Desktop application displays unsupported business term properties.
442150	During the approval workflow, the Analyst tool does not warn the approver that a voting task cannot be delegated to a user group.
442067	You receive a null pointer exception when you enable version control system and then create and run a column profile with data domain discovery that has the following options: <ul style="list-style-type: none"> - Choose a data domain. - Choose Random as the sampling option. - Choose Live as the drilldown option.

CR	Description
442055	When version control system is enabled, the Run option for the enterprise discovery profile does not appear when the following conditions are true: <ol style="list-style-type: none"> 1. Create an enterprise discovery profile. 2. Check in the profile. 3. Click Edit to edit the profile. 4. You receive a message to checkout the profile. Check out the profile. Workaround: Open and run each profile task.
441751	You cannot create a scorecard on a VSAM, Adabas, or IMS nonrelational z/OS data.
441670	No drilldown results appear when the following conditions are true: <ol style="list-style-type: none"> 1. Create and run a column profile. 2. In the detailed view for the column that has Integer data type, select some values and create a data domain. 3. Edit the profile to add column profile with data domain discovery, and select the new data domain with a minimum conformance of 1%. 4. Run the profile. 5. In the detailed view for the column with the Integer data type, click the inferred data domain, and drill down on the conforming rows. 6. Check the Data Preview pane.
441619	When you import a custom business term property of date data type, and when it does not contain any data, the Business Glossary Desktop displays the date 31st December 1969 against the property.
441171	The Analyst tool does not permit a subsequent glossary import task to run if the user closed the browser while the previous import task was in progress.
440515	The Search Service might fail multiple times and generate many exception errors in the search log file. The search index becomes large.
439705	You receive a null pointer exception when you try to add a JSON or XML profile results to an existing relational scorecard.
439101	The data preview for social media based sources fails to work in the Analyst tool.
438311	Anyone with access to the remote directory that the Analyst tool uses to store attachments can delete the files attached to the Glossary assets.
438308	Anyone with access to the remote directory that the Analyst tool uses to store attachments can view the files that the content managers attach to the Glossary assets.
437298	When a Data Integration Service grid contains Windows nodes and the service is configured to run jobs in separate remote processes, the Add Flat File wizard stops responding if the Data Integration Service cannot access the flat file cache directory. The wizard should display an error message indicating that the flat file cache directory is not accessible.
436614	When you configure the Informatica domain to use Kerberos network authentication to authenticate users and services on a network you cannot use the advanced approval workflow in Business Glossary.
435317	The performance of the mapping specification increases, when you configure mapping specification to use pushdown optimization during the deployment.
431899	When you create a profile with the JD Edward, LDAP, Microsoft Dynamics CRM, SAP (New App based SDK), Salesforce, ODATA, Teradata (Native), or Netezza (Native) data sources in the Developer tool, you can open and view the profile results in the Analyst tool but you cannot edit the profile.

CR	Description
418855	The Analyst tool cannot export a mapping specification to Excel on a domain that uses Kerberos authentication.
402847	The Analyst tool takes a long time to save the profile when the following conditions are true: <ol style="list-style-type: none"> 1. You create a column profile. 2. You add or remove a rule in the profile. 3. You save the profile.

Informatica Connector Toolkit Fixed Limitations

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

The following table describes fixed limitations:

CR	Description
441871	When you test the metadata, after you import an adapter project and edit the metadata, the metadata test fails.

Informatica Developer Fixed Limitations and Closed Enhancements

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

The following table describes fixed limitations:

CR	Description
457931	When you create and run a column profile for the first time in the Developer tool and choose the Hive option as the run-time environment, the profile run fails.
457864	An error message appears when the following conditions are true: <ol style="list-style-type: none"> 1. You create a table on Hive. 2. You import the table as a relational data object. 3. You create a column profile on the data object.
457833	When you have multiple profile mappings, the first mapping runs separately and the rest of the mappings run concurrently.
456493	The Informatica services fail to launch when you start informatica 9.6.1 HF4 services from services.msc, after you apply HotFix 4 on Informatica PowerCenter 9.6.1 on a Windows platform.
454847	You cannot preview the results of a mapping when a Lookup transformation uses a custom query that joins more than one table.

CR	Description
454526	When you use a Microsoft SQL Server native connection with the ODBC provider type and create a Stored Procedure transformation to insert binary data into Microsoft SQL Server, the Data Integration Service loads null data.
450875	After you upgrade from 9.5.1, the mapping performance decreases for a mapping that contains several Expression transformations or transformations with many variables.
450405	The Developer tool displays an unhelpful error message if you cannot view the reference data content status in the Preferences dialog box.
450353	If you configure a classifier model with a numeric value as a label, you cannot open the model.
448230	The Developer tool does not invalidate an Association transformation when the precision, scale, and data type of the input ports and the corresponding output ports do not match.
446644	When you create a column profile with a rule on a logical object lookup, the profile run fails with null pointer exception.
446641	The scorecard metadata becomes unusable when the following conditions are true: <ol style="list-style-type: none"> 1. Administrator creates a profile on a mapping specification. 2. Administrator creates a scorecard on the profile and assigns read and write permissions to the scorecard. 3. A non-administrator opens the scorecard. 4. Administrator revokes the read and write permissions. 5. A non-administrator opens the scorecard.
443652	If you import a relational data object and you use a control file to specify a connection for the object, the operation might disregard the connection that you specify.
443366	If you assign a workflow variable to a Human task output, the Data Integration Service does not update the output value when the Human task runs.
443273	When you try to delete a parameter set that is part of an application or workflow, the Developer tool generates a null pointer exception and does not delete the parameter set.
442902	A mapping fails when the following circumstances are true: <ul style="list-style-type: none"> - The mapping is designed for a flat file source and you parameterize the source to be a relational source. - The mapping is deployed with a parameter set. - The mapping has a resource parameter and either a port list parameter or a sort list parameter.
442893	When you include a Lookup transformation in a mapping, the Developer tool collapses the Lookup ports under the group name Lookup Columns. The editor does not show the links between the lookup ports and the downstream transformation because the lookup ports are not visible.
442766	A mapping that performs single-source identity match analysis completes with errors when the following conditions are true: <ul style="list-style-type: none"> - You configure the Match transformation to generate temporary index data, and you then update the transformation to write index data to database tables. - You do not select the identity index key field in the match strategy.
442680	Data preview fails for a Normalizer transformation with multiple occurring columns or records imported from PowerCenter.
442599	Importing a mapping fails when you configure a the domain twice in the Developer tool.

CR	Description
442496	When you change the default parameter value for the resource parameter on the Data Object tab, the Data Object tab does not show the correct default value. The Data Object tab shows the original default parameter value for the resource parameter.
442440	When you run a data preview on a Lookup transformation with a customized data object lookup source, an unexpected error might occur if a table is deleted or replaced from the customized data object.
442368	When you view a historical version of a mapping that is not valid and then select View optimized mapping , the Developer tool returns a null pointer exception. Close the error and open the Validation Log view to view the problems with the mapping.
442174	When you use parameters for the control file path and name in a flat file data object and you use the resource parameter for the flat file source in the mapping, the mapping fails.
442136	When you switch between the Parameter option and the Value option on the Data Object tab, the Developer tool opens the transformation General tab after you choose a new data object value. The Developer tool should continue to show the Data Object tab.
441920	The optimized mapping contains unconnected ports and the data preview fails when a mapping contains an output expression.
441916	You cannot assign a tag to a reference table in the Developer tool.
441756	When you deploy a workflow that has a parameterized source and target, the workflow fails to create a target when the resource parameter is in an associated parameter set, and you run the workflow from the Developer tool.
441295	The Developer tool can become unresponsive if you configure a Standardizer transformation to replace custom strings and you delete the string to replace from the configuration.
440915	When you drag a port from a transformation with multiple port groups to another object in a mapping, the Developer tool does not display the port links. The issue arises in data quality transformations such as the Address Validator transformation and the Match transformation.
440804	When you enter multiple values in sequence to the Filter field in a classifier model, the cursor moves to the Label field after you enter each value.
440693	When you run a midstream profile on the Router and matcher multiple-group transformations, the first group results are displayed for all the group results.
440656	If you create a parameterized lookup source and you change the input column data type in the lookup condition, the Developer tool returns the following unexpected error message: Unable to validate cell value.
440630	When you create a logical data object mapping from a flat file data source, the mapping fails when you include a non-reusable Sequence Generator transformation. You can use a reusable Sequence Generator transformation.
440618	When you create a port selector in a reusable transformation and you choose to select ports by name, the Developer tool does not list available ports.
440537	Scorecard results do not appear when you create and run a new scorecard on a JSON or XML profile, and you receive a null pointer exception when you run the scorecard in the Analyst tool.

CR	Description
439969	If you move an input port up or down in a Match transformation, the corresponding output port does not move in the same way. The transformation might stop unexpectedly at run time.
439799	If you bind a mapping output to the exceptionLoadCount variable in a Mapping task and you delete the mapping output, you cannot validate the workflow that contains the Mapping task.
439575	You can configure a step in a Human task to distribute task instances to users whom you deleted from the domain. The issue arises when you configure the Human task to distribute tasks by data value.
439561	When you parameterize a resource in a dynamic source and you choose to update the data object columns at run time, the Data Integration Service fails to resolve any system parameter that you configure in the source. The Data Integration Service might also fail to resolve a parameter for the flat file control file.
439526	You cannot view the status of the address reference data files in the Preferences view if you created the Content Management Service that manages the files on an AIX machine.
439426	You cannot use the keyboard shortcut Ctrl+L to link ports.
439227	You cannot bind a workflow parameter to a mapping parameter if the mapping parameter is one of the following parameter types: port, port list, sort list, expression, resource, or input linkset.
439136	When a mapping enabled for partitioning contains a Normalizer transformation, the Data Integration Service always uses one thread to run the transformation. The Data Integration Service can use multiple threads to run the remaining mapping pipeline stages.
439039	If you drag dynamic output ports from a Weight Based Analyzer transformation to an Expression transformation, you cannot perform a data preview on the Expression transformation. The Developer tool displays an error.
436697	When you run an address validation mapping in certified mode on Canadian addresses, the certified report might display percentage values below one percent as a series of zeroes.
434792	The Match transformation performs identity analysis on the key field port and ignores the match strategy ports when you do not include the key field port in the match strategy. The transformation does not perform match analysis correctly on the key field data and does not create accurate clusters.
434785	When you run an identity match mapping that performs dual-source analysis on columns with different names, the Match transformation fails and generates an error message.
434612	The Match transformation does not find duplicate identities if you add optional ports to the identity match analysis and the optional port data values do not match.
434048	You cannot create some types of parameters on a mapping Parameters tab if the mapping does not contain a transformation that supports the parameter type. The Developer tool shows a list of parameter types that includes just the parameter types available for the transformations in the mapping. For example, you cannot create a sort list parameter in the Parameters tab unless the mapping contains a Sorter transformation.
428506	Expression validation fails for dynamic expressions with functions that require arguments of a specific data type. For example, a <code>REVERSE()</code> function fails to validate because it requires an argument of CHAR data type.
426613	The Developer Tool generates columns incorrectly from a control file that contains the Binary and Timestamp with Time Zone data types.

CR	Description
424593	When you copy a transformation that has parameters, the Developer tool does not include the parameters in the copy of the transformation. This issue also occurs when you copy a mapping that contains the transformation with parameters.
421759	The Developer tool displays an error if you try to copy a command that contains more than 384 characters into a Command task in a workflow.
418747	A screen reader application cannot read all of the properties in a Notification task in a workflow.
418643	A screen reader application cannot read all of the properties on an Exclusive gateway in a workflow.
416924	The properties on an Exclusive gateway in a workflow contain code elements that are unhelpful to a screen reader application.
416922	The properties on an Assignment task in a workflow contain code elements that are unhelpful to a screen reader application.
416760	Connection types are not listed in the Developer tool when you import a mapping from an XML file.
413597	When you create a probabilistic model from a data source, the model creation wizard might not display the data source columns in the current order.
404266	You cannot use a non-reusable Sequence Generator transformation in a mapplet or a logical data object mapping. However, the Developer tool does not show any validation or run-time error if you copy a non-reusable Sequence Generator transformation from a mapping and paste it into a mapplet or a logical data object mapping.
392963	Data preview on a customized data object fails to run after upgrading from version 9.5.
391296	If you create a probabilistic model that contains multibyte data values, the values can break across lines in the Data view of the model. The issue arises if you resize the Developer tool views so that a data value moves from one line to another in the Data view. If you assign a label to a data value that breaks over two lines, the label might not attach to the correct value. The value that you label might overwrite another value in the Data view.
371793	When a mapping contains multiple Match transformations, any change to the settings one of the Match transformations might affect the settings in another Match transformation.
328632	After you edit and propagate port names, the Developer tool fails to update the expression conditions with the revised port names.

The following table describes closed enhancement requests:

CR	Description
452530	When you set the provider type to ODBC in a Microsoft SQL Server connection and truncate target tables, the Data Integration Service first runs the truncate target table command. In case the truncate command fails, the Data Integration Service runs the delete command. This results in better mapping performance.
451619	When you use an IBM DB2 connection to import a table, you can specify one or more schema names from which you want to import the table.

CR	Description
447370	When you run a mapping in the Developer tool, you can monitor the job from the Progress view. To monitor the job, click the link for the mapping run in the Progress view. Select Monitor Job .
403873	A probabilistic model includes status values that indicates whether the compilation logic for the model is based on the current labels and data values in the model.

Informatica Domain Fixed Limitations

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

The following table describes fixed limitations:

CR	Description
462198	<p>When you upgrade the domain from Informatica 9.0.1 to 10.1 and the domain configuration repository uses an Oracle, Sybase ASE, or Microsoft SQL Server database, the upgrade fails with an error. The upgrade error might vary depending on the database.</p> <p>The upgrade fails with the following error for an Oracle database:</p> <pre>java.sql.SQLException: [informatica][Oracle JDBC Driver][Oracle]ORA-00932: inconsistent datatypes: expected - got CLOB</pre> <p>The upgrade fails with the following error for an Microsoft SQL Server database:</p> <pre>OutPut : [ICMD_10033] Command [upgradeDomainMetadata] failed with error [[PERSISTENCEAPI_0307] [PERSISTENCECOMMON_0070] Internal error. Error occurred while executing the query with name 'getAdministratorGroup', and SQL query implementation 'SELECT a0.PSRESOURCE_CONTAINER.id from com.informatica.isp.metadata.usermanagement.impl.GroupImpl a0 where a0.surrogateERDBObject.proxyResourceId=0 and a0.surrogateERDBObject.namespaceId=5 and ((a0.securityDomain) LIKE ('Native')) AND (LOWER(a0.name) LIKE LOWER('Administrator')))' This was caused by [informatica][SQLServer JDBC Driver][SQLServer]Argument data type ntext is invalid for argument 1 of lower function.]</pre>
458391	Attempts to fetch data from an SQL Data Service fail when the physical data source contains Unicode characters.
457601	When the domain creates system services before it assigns them to a node, you cannot use the Administrator tool to edit the service properties, and functionality of the system services is limited.
454233	The infacmd cms purge command might delete an active reference table if you run the command after you run the infacmd rtm deployImport command more than once.
453906	When a connection name contains the characters "ID" a mapping fails to compile because the connection is not found.
453555	When a web service request times out waiting for a web service or when you stop the web service from the Monitoring tool, the Data Integration Service shuts down.
452075	A workflow fails to run if it contains a gateway that connects directly to another gateway with a conditional sequence flow that you configure as the default sequence flow.

CR	Description
450874	When mapping logic contains the IN() function and the mapping logic is pushed down to the source, an outer join returns incorrect results.
450809	A java-level deadlock occurs when the alert service, the user management service, and domain configuration service wait on each other. For example, a deadlock occurs in the following situation: The alert service checks for user permissions while processing an email alert for a node inactive event. At the same time, the user logs in to the Administrator tool and the inactive node registers with the domain.
450614	The Model repository does not respond when web services are invoked for the first time.
450551	A security vulnerability enables any user to browse to any known file in the Model repository.
449011	When the master node in a grid fails over to a non-master node, the Content Management Service on the non-master node cannot find the reference data audit tables.
446677	Unable to associate users to a group if the group has more members than the value of the MaxValRange limit set for the LDAP server.
445152	When you upgrade from 9.6.1 to 10.0, the Model repository service fails with the following error: <code>The Repository Service operation failed</code>
444741	If a Mapping task fails in a workflow and runs to completion when the workflow recovers, the workflow graph does not reflect the completed status of the task.
443212	The Model repository requires a minimum values for the maximum heap size setting. Set maximum heap size to the recommended value of 1 GB, and the maxPermGen size to 512 MB. Lower settings generate an error.
443186	When you select a parent group in the Create Group wizard, the new group appears in the Native folder but is not nested under the parent group.
442538	If you update the connection details on exception record database, you must recycle the Data Integration Service before you run a workflow that writes data to the database.
442371	When you remove a node with the compute role from a Data Integration Service grid or disable the compute role on a node in the grid, the node is no longer listed in the Compute view for the service. However, the service retains the previously configured compute values for the node. If you add the node back to the grid or enable the compute role again, the node is configured with the previous values instead of the default values.
442043	When you run the <code>infacmd sch updateschedule</code> command, the schedule end date changes to No End Date. The end date changes regardless of whether you specify a value for the <code>-ed</code> option.
441895	When you schedule a job to run every 23 hours, the Scheduler Service might run the job at the wrong time.
441315	When you define a schedule with a repeat count value, the schedule properties do not display the value that you specify.
441302	You can configure a schedule that specifies a start date that is in the past.
440876	Workflow recovery fails when the workflow database is a Microsoft SQL Server database that uses a non-default schema.
440099	If the Data Integration Service stops unexpectedly while a Mapping task runs on grid, the monitoring tool indicates that the mapping is aborted and that the Mapping task is running.

CR	Description
440033	The monitoring tool indicates that a Mapping task in a workflow is running when the task failed because Data Integration Service execution instance was unavailable.
439709	In a mapping with a flat file data source that includes a column with double data type, the Data Integration Service erroneously reads data that should be rejected because it contains non-numeric characters. For example, the row should be rejected when it contains a value such as 12345678901234567890123456ab, but the Data Integration Service fails to reject the row. Instead, it reads the numeric characters and ignores the non-numeric characters.
439560	A Consolidation transformation writes different values to the IsSurvivor port in the native environment and in the Hadoop environment.
438472	You can run infacmd wfs recoverWorkflow to restart a workflow that is not enabled for recovery.
436938	If a Command task in a workflow enters a canceled state and runs to completion when the workflow recovers, the monitoring tool does not display the completed task.
435088	Export from the Model repository of a project with multiple objects failed.
430481	The workflow log does not provide the following information: <ul style="list-style-type: none"> - The workflow instance ID - The workflow recovery options - The name of the user who runs the workflow - The Data Integration Service that runs the workflow - The host node for the Data Integration Service - The security domain in which the workflow runs
420130	You cannot delete the backup file that the Model repository backup process produces.
354554	When a compile returns an error in the Java transformation and the client operating system default codepage is not ASCII, the error message is unreadable. A codepage mismatch occurs between the Java compiler and the Developer tool.

The following table describes closed enhancement requests:

CR	Description
441236	If you update the password for the workflow database or for a database that stores exception record data, you do not need to recycle the Data Integration Service.
437400	When you create a non-master Content Management Service on a grid node, you do not need to create a Data Integration Service on the node.

Live Data Map Fixed Limitations

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

The following table describes fixed limitations:

CR	Description
450070	Custom attributes get applied to objects even when you do not select the Propagate option for the custom attribute from the Custom Attributes tab for a resource in Live Data Map Administrator.
448258	When you edit an IBM Cognos resource and change the values in the Content field on the Metadata Load Settings tab, the Select Content dialog box does not display the previously selected fields for the resource as selected.
446979	You cannot change the maximum heap size in Informatica Administrator. When you increase the maximum heap size in Informatica Administrator, an error message indicates a delay in starting the YARN application.
445971	The scanners do not start running on the cluster when you enable the Catalog service after disabling the service on a cluster.
444043	When you create a resource and you do not set the data domain, the resource is saved as a valid resource. Live Data Map does not display an error message or validate the required fields.
443586	When you create a Hive resource with multiple schemas or databases, the profiling scanner fails to run. The Hive profiling scanner does not support multiple databases in a Hive resource.
442135	On cloud-based deployments, such as Amazon EC2, you cannot specify a range of ports that the application services deployed by Apache Slider can use. Application services deployed by Apache Slider include HBase, Solr, and ingestion services.

Metadata Manager Fixed Limitations

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

The following table describes fixed limitations:

CR	Description
458778	When you edit a related catalog object for an object in a custom resource, Metadata Manager might stop responding. When this occurs, the mm.log file shows a null pointer exception.
455538	When you load an Informatica Platform resource using Metadata Manager 9.6.1 HotFix 2, the load fails with the following error: <code>Arithmetic overflow error converting expression to data type int.</code>
452728	Data lineage for a physical data object in an Informatica Platform resource shows bi-directional links between the physical data object and the corresponding database table, even though data lineage is in one direction.
452568	Importing a model export file that includes rule set definitions fails when the domain uses Kerberos authentication.
451565	Metadata Manager does not display data lineage links for an IBM DB2 for z/OS stored procedure when the CREATE PROCEDURE statement contains an INSERT INTO statement with a nested SELECT statement that contains a wildcard character to specify column names.

CR	Description
451561	Metadata Manager displays backwards data lineage links between an IBM DB2 stored procedure and a table when the procedure inserts data into the table.
451102	<p>Loading a PowerCenter resource fails with the following database error when the resource contains a mapping that reads from an HDFS source file and loads data to a text file:</p> <pre>Invalid length parameter passed to the LEFT or SUBSTRING function.</pre>
451067	Metadata Manager does not display data lineage links between a Netezza view and the tables from which it is created when the view definition contains the INTERSECT, MINUS, or UNION operations.
450939	Metadata Manager displays incorrect data lineage links between a Teradata table and the corresponding view.
450048	Metadata Manager does not display a link between a PowerCenter source qualifier and the database table when the source qualifier contains a specific SQL query.
449349	Running data lineage might fail with an internal error when the diagram is very complex and you launch data lineage analysis from an end object.
448410	A memory leak occurs in the SQL parser during resource load.
446454	Metadata Manager does not display data lineage links for tables in stored procedures that contain an INSERT INTO statement when the statement uses a wildcard character to specify any column.
446428	Loading a custom resource fails at the CSV to IME converter when an object name exceeds 255 characters in length.
445726	Metadata Manager does not display data lineage between SAP R/3 tables and PowerCenter sessions when the connection to SAP is specified through a connection parameter and the parameter value contains lower case characters.
445156	Exporting a data lineage diagram fails if the size of the data lineage diagram is too large for the web browser.
443675	Loading a Cloudera Navigator resource fails when Cloudera Navigator becomes inaccessible after Metadata Manager extracts all of the JSON files.
443602	Metadata Manager cannot display the impact summary for an object that has more than 1000 upstream or downstream impacted objects.
440560	<p>Simultaneously loading multiple PowerCenter resources with similar data sets and stored procedures fails with the following error:</p> <pre>An error occurred in LineageGraphInternalLinksCreationTaskHandler</pre>
440343	<p>When you select an object in a packaged resource and export it to a Microsoft Excel file, update either the business name or a custom attribute, and reimport the Excel file, the import might fail with the following error:</p> <pre>I/O error.</pre>
440298	<p>When you load an IBM DB2 9.7 resource with a specific SQL query in one of the views, the session S_M_ALLDB_VIEW_DEPS_EXTRACT terminates unexpectedly with the following error:</p> <pre>FATAL ERROR : An unexpected condition occurred in file [<path>/tpordvec.h] line [95]. Aborting the DTM process. Contact Informatica Global Customer Support.</pre>

CR	Description
439624	Rule-based linking sometimes fails with a "Violation of PRIMARY KEY constraint" error.
434669	Metadata Manager sometimes does not display data lineage links between a Teradata trigger and the table with which it is associated.
426758	When you create an Informatica Platform 10.x resource, it can take more than 15 seconds for applications, parameter sets, and mappings to be displayed in the selection lists.

PowerCenter Fixed Limitations and Closed Enhancements

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

The following table describes fixed limitations:

CR	Description
462936	When you use a Microsoft SQL Server native connection with the ODBC provider type to read image data of size greater than 64 KB, the PowerCenter Integration Service truncates the image data to 64 KB.
460190	When you use a Microsoft SQL Server native connection with the ODBC provider type to configure an error log table, the PowerCenter Integration Service fails to create the table.
456700	The Make Reusable option is missing in the session properties of the Workflow Manager.
456698	When you copy a workflow or deploy a folder containing a workflow, you can copy dependent connections even though you do not have permissions to connect to the target repository.
455493	A session that uses key masking fails if the source data contains accented characters.
454526	When you use a Microsoft SQL Server native connection with the ODBC provider type and create a Stored Procedure transformation to insert binary data into Microsoft SQL Server, the PowerCenter Integration Service loads null data.
452722	When you edit the SQL query in the SQL transformation, the Designer shuts down unexpectedly.
452688	When the repository contains a shortcut to the source object, the repository upgrade fails.
452208	When you install or upgrade to 9.6.1 HotFix 3, you cannot create a Web Services Hub.
452195	After you import the source and target definitions from IBM DB2 version 10.5, the char and varchar columns have incorrect precision.
452148	When you try to rename the pass-through port for a Web Services Consumer transformation, the Designer shuts down unexpectedly.
450904	When you increase the default buffer block size and read large volumes of data from an Oracle source that contains a column of the Clob data type, the session shuts down unexpectedly.

CR	Description
450310	The PowerCenter Repository Service fails to save the session in the target repository after validating objects during deployment.
447202	After you deploy the deployment group to the target repository, an incorrect error appears that an object gets modified after reading it from the source repository.
445137	When you edit a session, the current log count for sessions is missing in the Workflow Manager.
444347	After deployment, the FTP connection overrides in a workflow are lost.
442228	pmrep fails to import xml with the table name that starts with a number.
441033	When the Web Service Hub processes chunked message in the client request, the Web Service Hub fails to process SOAP request.
441020	An error occurs after you import workflows and comparing the workflows from Mapping instance in the Workflow Manager.
439129	A PowerCenter real-time session has high CPU usage when the pmdtm process is in an unresponsive state.
432803	When you use target pushdown optimization and when the generated query uses workflow variables, the session fails.
422219	Failed to import source objects with the DSN name that starts with a number.
399328	A session with Transaction Control transformation fails with an error when you enable session recovery and restart the task.

The following table describes closed enhancement requests:

CR	Description
452530	When you set the provider type to ODBC in a Microsoft SQL Server connection and truncate target tables, the PowerCenter Integration Service first runs the truncate target table command. In case the truncate command fails, the PowerCenter Integration Service runs the delete command. This results in better session performance.
205998	You can use the pmrep CreateConnection command to create FTP connections.
203376	You can assign a workflow to the PowerCenter Integration Service with the pmrep AssignIntegrationService command.

Rule Specification Fixed Limitations and Closed Enhancements

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

The following table describes fixed limitations:

CR	Description
461876	When you generate mapplets from a rule specification, the Analyst tool adds the rule specification name as a prefix to the primary rule set mapplet.
451736	If you filter a date column in an exception task on a calendar date, the Analyst tool displays the records for the date that you select and for the next day.
450139	When you compile a rule specification, any mapplet that you generate can overwrite a mapplet from another rule specification if the mapplets have the same name.
444287	A rule specification parameter can create a cross-scripting vulnerability in the Analyst tool.
444272	An exception management parameter can create a cross-scripting vulnerability in the Analyst tool.
442115	If you open two or more rule specifications, the Analyst tool displays the top-level properties of the first rule specification only.
441397	If you enter a rule set name or description and you select another rule set in the workspace, the Analyst tool discards the text that you entered.
441358	General properties on a rule specification can create a cross-scripting vulnerability in the Analyst tool.
440755	You cannot replace all instances of a numeric value with a null value on all pages of an exception task in a single operation.
440742	You cannot replace all instances of a numeric value with a null value on the current page of an exception task in a single operation.
439753	Team-based development features do not work as expected when the following conditions are true: <ul style="list-style-type: none"> - You log in to the Analyst tool with a user name that contains the @ symbol. - You create a rule specification.
437273	You cannot use the Find and Replace options in an exception record task to replace all instances of an integer in a data column with another integer.
435347	The Analyst tool might disable the Edit button in an exception task or a cluster task in the following cases: <ul style="list-style-type: none"> - You open the task. - You save the task and refresh the Analyst tool.
416858	When you export cluster data from a task in the Analyst tool, the export operation includes cluster analysis data that is not associated with the clusters that you exported.

The following table describes closed enhancement requests:

CR	Description
436796	When you work on an exception task in the Analyst tool, another user cannot work on the same task in a concurrent session.
408224	You can perform search and replace operations on the data in a set of records that you select in an exception task.

Third-Party Fixed Limitations

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

The following table describes fixed limitations:

CR	Description
438011	On Red Hat Linux version 7.0 operating systems, if you configure Kerberos authentication for a Teradata ODBC connection, the connection fails. Teradata incident reference number: RECGLT7AL
424900	Validation errors might occur when you validate logical data object models that created from .xsd files that define a Sybase data object schema. The validation errors report precision and data type matching errors. MITI case number: INFADDEV-41

CHAPTER 4

10.1 Known Limitations

This chapter includes the following topics:

- [Administrator Tool Known Limitations, 33](#)
- [Analyst Tool Known Limitations , 33](#)
- [Application Service Known Limitations, 34](#)
- [Big Data Known Limitations, 35](#)
- [Business Glossary Known Limitations, 39](#)
- [Command Line Program Known Limitations, 41](#)
- [Informatica Connector Toolkit Known Limitations, 41](#)
- [Data Transformation Known Limitations, 42](#)
- [Data Type Known Limitations, 42](#)
- [Developer Tool Known Limitations, 44](#)
- [Intelligent Data Lake Known Limitations, 45](#)
- [Live Data Map Known Limitations, 46](#)
- [Mapping and Workflow Known Limitations , 47](#)
- [Metadata Manager Known Limitations, 49](#)
- [PowerCenter Known Limitations, 51](#)
- [Profile and Scorecard Known Limitations, 51](#)
- [Rule Specification Known Limitations, 52](#)
- [Third-Party Limitations, 54](#)
- [Transformation Known Limitations, 56](#)

Administrator Tool Known Limitations

The following table describes known limitations:

CR	Description
452798	When you import or export data through Sqoop, the Administrator tool does not display the correct execution statistics in the Monitoring tab. Workaround: See the execution statistics in the yarn log.
440143	In a domain that uses Kerberos authentication, some views in the Administrator tool display the following message to users who are assigned the Operator role: <code>Model Repository is not configured. Please contact the Administrator.</code> This occurs even when the Model repository is configured. Workaround: Assign the Operator users and group the Administrator role for the Model Repository Service that is configured for monitoring.
438332	In the Monitoring tool in a domain that uses Kerberos authentication, the Log Out menu does not log users out of the Monitoring tool. Workaround: To log out of the Monitoring tool, close the browser window.
437717	In a domain that uses Kerberos authentication, when you log in to the Administrator tool after a session expires, the Manage and Monitor tabs might display a login page. Workaround: Log out from the Administrator tool, and then log in again.
436587	After you join a node to the domain, the Administrator tool takes 10 to 15 seconds to display the properties of the node.
429227	After you configure the Log Collection Directory property for a node, you cannot clear the Log Collection Directory property.

Analyst Tool Known Limitations

The following table describes known limitations:

CR	Description
460405	When you try to export the mapping specification to PowerCenter Repository using <code>pcclientsmartuser</code> that run on a Windows network using two-factor authentication, the mapping specification export fails. Export the mapping specification to PowerCenter Repository using <code>INFAKRB.INFADEV.COM</code>
421325	When you try to find and replace reference table values with a value that is not valid, the Analyst tool returns an incorrect error message. The error message states that the reference table does not contain the search value that you specify. The issue arises when the replacement value that you specify uses a precision that is too high for the reference data column.
396636	When you try to delete an asset that another user changed, the Analyst tool fails to warn you that the asset is not the latest copy.

Application Service Known Limitations

The following table describes known limitations:

CR	Description
459892	When the Data Integration Service runs mappings concurrently with operating system profiles, it consumes excessive memory.
443052	The DTM process does not create DTM log files for mappings included in workflow Mapping tasks when the following conditions are true: <ul style="list-style-type: none"> - The Data Integration Service is configured to run jobs in separate remote processes. - The mapping included in the workflow Mapping task uses multibyte characters.
442102	The Processes tab of the Email Service includes an environment variable section even though environment variables are not supported for the Email Service. If you add an environment variable, the Email Service ignores it.
441281	If you run multiple concurrent mappings on a Data Integration Service grid configured to run jobs in separate remote processes and the Model repository is not configured to store run-time statistics, some of the mappings might fail to run with the following error: <pre>[ICMD_10033] Command [runmapping] failed with error [com.informatica.ds.ms.service.MonitorHelper.purgeStatistics (MonitorHelper.java: 125)</pre>
439632	The consolidated log file for a mapping might contain the incorrect DTM log file when the following conditions are true: <ul style="list-style-type: none"> - The Data Integration Service is configured to run jobs in separate remote processes. - The Mapping task in a workflow is configured to save the Mapping task log file by the number of Mapping task runs. Workaround: Configure the Mapping task to save the Mapping task log file by timestamp.
439628	Mappings run on a Data Integration Service grid might hang indefinitely when the following conditions are true: <ul style="list-style-type: none"> - The Data Integration Service is configured to run jobs in separate remote processes. - The Resource Manager Service becomes unavailable after the Data Integration Service has been enabled and has elected a master compute node. Workaround: Enable the Resource Manager Service to continue running the mappings.
436753	When you update the compute role on a node assigned to a Data Integration Service grid and then recycle the Data Integration Service, you might encounter inconsistent behavior across the Informatica client tools. For example, mappings might fail to run in the infacmd command line program but succeed in the Developer tool. Workaround: Restart the domain.
435471	In a Kerberos domain, mappings fail to run on a Data Integration Service grid configured to run jobs in separate remote processes. Workaround: Configure the Data Integration Service to run jobs in separate local processes.
432752	A Data Integration Service grid configured to run jobs in separate remote processes does not use a secure connection to communicate with remote DTM processes even though the domain is enabled for secure communication.
432316	When you run a mapping on a Data Integration Service grid configured to run jobs in separate remote processes, the Monitor tab of the Administrator tool might indefinitely list the mapping state as Running even though the infacmd command line program and the mapping log indicate that the mapping failed.

CR	Description
431534	The Data Integration Service does not apply the cost-based optimization method when you configure the mapping to use load order constraints with the full optimizer level.
427052	<p>If you run web service requests on a Data Integration Service grid and you incorrectly configure the external HTTP load balancer to use nodes with the service role only, the Data Integration Service does not redirect requests to nodes with both the service and compute roles. Some web service requests dispatched to the node with the service role only might fail.</p> <p>Workaround: Configure the external HTTP load balancer to use nodes with both the service and compute roles.</p>

Big Data Known Limitations

The following table describes known limitations:

CR	Description
PLAT-8729	<p>If you configure MapR 5.1 on SUSE 11 and run a Sqoop mapping on a Hadoop cluster, the mapping fails with the following error:</p> <pre>com.mapr.security.JNIsecurity.SetClusterOption(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;) Isqoop</pre>
PLAT-8714	<p>If you run a mapping on HiveServer2 on a SUSE 11 Hortonworks cluster that is enabled with Kerberos authentication, a MySQL connection leak occurs and the mapping fails with the following error:</p> <pre>[HiveServer2-Handler-Pool: Thread-3439]: transport.TSaslTransport (TSaslTransport.java:open(315)) - SASL negotiation failure javax.security.sasl.SaslException: GSS initiate failed [Caused by GSSException: No valid credentials provided (Mechanism level: Failed to find any Kerberos tgt)]</pre> <p>Workaround: You can reduce the number of MySQL connection leak occurrences. To do this, after you run the Big Data Management Configuration Utility, change the <code>hive.server2.authentication</code> property value from <code>NONE</code> to <code>KERBEROS</code> in the <code>hive-site.xml/hdfs-site.xml</code> files:</p> <pre><property> <name>hive.server2.authentication</name> <value>KERBEROS</value> </property></pre>

CR	Description
BDM-741 BDM-692 BDM-691	<p>When you run a mapping with the Spark engine on a Hadoop cluster, the mapping fails with an error like:</p> <pre>[org.apache.hadoop.security.AccessControlException: Permission denied: user=<USER>, access=WRITE, ...</pre> <p>Workaround: The cluster requires additional configuration to properly authenticate users when Spark runs the mapping.</p> <p>Non-Kerberos-enabled clusters: If the cluster does not use Kerberos for authentication, contact the Hadoop administrator to perform the following steps:</p> <ol style="list-style-type: none"> 1. Browse to <code><Big Data Management installation home>/services/shared/hadoop/<Hadoop_distribution><version>/conf</code> and add the following property to the file <code>yarn-site.xml</code>: <pre><property> <name>fs.permissions.umask-mode</name> <value>002</value> </property></pre> 2. Browse to the HDFS service configuration page in the cluster management web interface, or open the file <code>hdfs.xml</code>. Locate the <code>superusergroup</code> property. This will be named <code>dfs.permissions.superusergroup</code> or <code>dfs.permissions.supergroup</code>. 3. Add the following users to the <code>superusergroup</code> property: <ul style="list-style-type: none"> - Data Integration Service process user or impersonation user - YARN user - HDFS connection user, if the mapping uses an HDFS target. <p>Note: If the mapping uses a Hive target, it is not necessary to add the HDFS connection user.</p> <p>Kerberos-enabled clusters: Administrators of Kerberos-enabled clusters commonly enable the impersonation user as a user on all nodes of the cluster. No further workaround is necessary.</p>
461622	<p>A mapping fails to run in the Blaze environment if multiple transformation strategies in the mapping identify the same probabilistic model file or classifier model file.</p>
461610	<p>Column profile with data domain discovery fails when the data source is a Hive source, you choose the sampling option as All rows, and you run the profile on the Blaze engine.</p> <p>Workaround: Choose the sampling option as Sample first, Random sample, or Random sample (auto) and run the profile.</p>
461286	<p>When you run mappings on the Spark engine within a very short time span, such as 20 seconds, the mappings fail with OSGI errors.</p> <p>Workaround: Append the text <code>"&:eclipse.stateSaveDelayInterval:2000"</code> to the value for the following OSGI properties in the <code>hadoopEnv.properties</code> file:</p> <ul style="list-style-type: none"> - <code>infaspark.executor.osgi.config</code> - <code>infaspark.driver.cluster.mode.osgi.config</code>
461044	<p>When you run mappings on the Spark engine, the mapping run fails with a compilation error.</p> <p>Cause: The cluster uses an instance of Java other than the Java that ships with Informatica Big Data Management.</p> <p>Workaround: Set the cluster to use the instance of Java that is installed with Big Data Management.</p> <ol style="list-style-type: none"> 1. Set the <code>JAVA_HOME</code> variable to <code><Big Data Management Installation Home>/java/jre</code>. 2. Set the <code>JAVA_HOME/bin</code> variable like this: <pre>PATH=\${INFA_HOME_BIN}:\${JAVA_HOME}/bin:\${PATH} export PATH</pre> Then restart the Informatica domain and services.
460997	<p>If you configure user impersonation and run a Sqoop mapping on a Hadoop cluster that uses Kerberos authentication, the mapping fails.</p> <p>Workaround: Use the Hadoop service principal name in the Hadoop connection and run the mapping.</p>
460915	<p>The performance of a Data Masking mapping that includes a non-partitioned relational source is slow in a Blaze environment.</p>

CR	Description
460889	The Union transformation produces incorrect results for Sqoop mappings that you run on the Hortonworks distribution by using the TEZ engine.
460640	<p>Big Data Management supports Hortonworks Hadoop clusters that use Java 1.8. When the cluster uses Java 1.7, mappings that you execute using the Hive engine fail. You see an error like:</p> <pre>Unrecognized VM option 'MaxMetaspaceSize=256M' Error: Could not create the Java Virtual Machine. Error: A fatal exception has occurred. Program will exit.</pre> <p>Workaround: Perform the following steps to edit Hadoop properties on the VM that hosts the Data Integration Service:</p> <ol style="list-style-type: none"> On the VM in the Informatica Big Data Management implementation that runs the Data Integration Service, open the following file for editing: <code><Informatica installation directory>/services/shared/hadoop/ <Hadoop_distribution_name> <version_number>/infaConf/hadoopEnv.properties</code> Find the following line and comment it out by placing a # character at the beginning: <pre>infapdo.java.opts=-Djava.library.path=\$HADOOP_NODE_INFA_HOME/services/ shared/bin:\$HADOOP_NODE_HADOOP_DIST/lib/native: \$HADOOP_NODE_HADOOP_DIST/lib/*:\$HADOOP_NODE_HADOOP_DIST/lib/native - Djava.security.egd=file:/dev/./urandom -Xms512m -Xmx512m - XX:MaxMetaspaceSize=256M</pre> Find the following line and uncomment it by removing the # character at the beginning. <pre>infapdo.java.opts=-Djava.library.path=\$HADOOP_NODE_INFA_HOME/services/ shared/bin:\$HADOOP_NODE_HADOOP_DIST/lib/native: \$HADOOP_NODE_HADOOP_DIST/lib/*:\$HADOOP_NODE_HADOOP_DIST/lib/native - Djava.security.egd=file:/dev/./urandom -Xms512m -Xmx512m -XX:MaxPermSize=512m</pre>
460412	<p>When you export data to an Oracle database through Sqoop, the mapping fails in certain situations. This issue occurs when all of the following conditions are true:</p> <ul style="list-style-type: none"> You configure the direct argument to use OraOop. The data contains a column of the float data type.
459942	The Spark engine does not run the footer row command configured for a flat file target.
459671	<p>When you export data to an IBM DB2 z/OS database through Sqoop and do not configure the batch argument, the mapping fails.</p> <p>Workaround: Configure the batch argument in the mapping and run the mapping again.</p>
458238	Lookup performance on the Spark engine is very slow when the lookup data contains null values.
457397	When you use Sqoop and define a join condition in the custom query, the mapping fails.
457072	When you use Sqoop and join two tables that contain a column with the same name, the mapping fails.
456892	When you generate and execute a DDL script to create or replace a Hive target table in the Blaze run-time environment, the mapping fails.
456884	<p>When you use Sqoop and the first mapper task fails, the subsequent mapper tasks fail with the following error message:</p> <pre>File already exists</pre>
456866	<p>The Developer tool allows you to change an Avro data type in a complex file object to one that Avro does not support. As a result, mapping errors occur at run time.</p> <p>Workaround: If you change an Avro data type, verify that it is a supported type.</p>

CR	Description
456704	When you use Sqoop to import data from an Aurora database by using the MariaDB JDBC driver, the mapping stops responding.
456616	When you export data through Sqoop and there are primary key violations, the mapping fails and bad records are not written to the bad file.
456608	If you update a data object that uses Sqoop and synchronize the data object, the updates are not included in the Sqoop import command.
456455	When you enable Sqoop for a logical data object and export data to an IBM DB2 database, the Sqoop export command fails. However, the mapping runs successfully without any error.
456285	When you export data to a Netezza database through Sqoop and the database contains a column of the float data type, the mapping fails.
455750	Sqoop does not read the OraOop arguments that you configure in the <code>oraoop-site.xml</code> file. Workaround: Specify the OraOop arguments as part of the Sqoop arguments in the mapping.
453313	If you run multiple concurrent mappings on the Spark engine, performance might be slow and the log messages indicate that resources are not available. The Data Integration Service indicates that the mapping failed even though it is still running in the cluster.
453097	When you use Sqoop for a data object and update its properties in the associated Read or Write transformation, the mapping terminates with an IVector error message. Workaround: Create a new data object and mapping.
452819	<p>Mappings and profiles that use snappy compression fail in HiveServer2 mode on HDP and CDH SUSE clusters.</p> <p>Workaround:</p> <p>On the Informatica domain, edit the property that contains the location of the cluster native library:</p> <ol style="list-style-type: none"> Back up the following file, then open it for editing: <code><Informatica Installation Directory>/services/shared/hadoop/<Hadoop_distribution_name>_<version_number>/infaConf/hadoopEnv.properties</code> Find the <code>\$HADOOP_NODE_HADOOP_DIST/lib/native</code> property, and replace the value with the location of the cluster native library. <p>Hortonworks example: <code>/usr/hdp/2.4.2.0-258/hadoop/lib/native</code></p> <p>Cloudera example: <code>/opt/cloudera/parcels/CDH/lib/hadoop/lib/native</code></p> <p>On the Hadoop cluster:</p> <ol style="list-style-type: none"> Open the <code>HiveServer2_EnvInfa.txt</code> file for editing. Change the value of <code><Informatica distribution home>/services/shared/hadoop/<Hadoop_distribution>/lib/native</code> to the location of the cluster native library. Copy the contents of the <code>HiveServer2_EnvInfa.txt</code> file. Open the <code>hive-env.sh</code> file for editing, and paste the entire contents of the <code>HiveServer2_EnvInfa.txt</code> file.
452224	The summary and detail statistics empty for mappings run on Tez.
452114	When you enable Sqoop for a data object and a table or column name contains Unicode characters, the mapping fails.
450507	When mappings fail, the Spark engine does not drop temporary Hive tables used to store data during mapping execution. You can manually remove the tables.

CR	Description
443164	<p>Mappings that read from one of the following sources fail to run in the native environment when the Data Integration Service is configured to run jobs in separate remote processes:</p> <ul style="list-style-type: none"> - Flat file or complex file in the Hadoop Distributed File System (HDFS) - HIVE table - HBase table <p>Workaround: On the Compute view for the Data Integration Service, configure the INFA_HADOOP_DIST_DIR environment variable for each node with the compute role. Set the environment variable to the same value configured for the Data Integration Service Hadoop Distribution Directory execution option for the Data Integration Service.</p>
440423	<p>When you use an ODBC connection to write time data to a Netezza database, the mapping fails. This issue occurs when you run the mapping on Cloudera 5u4.</p>
437196	<p>The path of the resource file in a complex file object appears as a recursive path of directories starting with the root directory and ending with a string.</p>
424789	<p>Mapping with a Hive source and target that uses an ABS function with an IIF function fails in the Hadoop environment.</p>
422627	<p>Mapping in the Hadoop environment fails when it contains a Hive source and a filter condition that uses the default table name prefixed to the column name.</p> <p>Workaround: Edit the filter condition to remove the table name prefixed to the column name and run the mapping again.</p>
421834	<p>Mapping in the Hadoop environment fails because the Hadoop connection uses 128 characters in its name.</p>

Business Glossary Known Limitations

The following table describes known limitations:

CR	Description
461823	<p>After you conclude level 1 voting in an approval workflow and view level 1 voting comments, the voting details section of the voting dashboard becomes unresponsive.</p> <p>Workaround:View the voting details before you conclude level 1 voting.</p>
461624	<p>If you specify the PROTOCOL_TYPE property in the SilentInput.properties file as "HTTP" in uppercase and install Informatica Business Glossary Desktop, the protocol type parameter is incorrectly set to HTTPS.</p> <p>Workaround: Specify the PROTOCOL_TYPE property as "http" in lowercase.</p>
461308	<p>The Search Service does not display Business Glossary results for a search performed by a user, if you expand the scope of privileges for the user in the Administrator tool after the indexing is complete.</p> <p>Workaround: Assign the necessary privileges to the user before the Search Service indexes the Business Glossary data.</p>
460458	<p>The Analyst tool does not accurately display the number of attachments in an asset that you revised, after you import the glossary that contains the asset.</p>

CR	Description
459878	<p>The dock menu options such as Preferences, About Informatica Business Glossary Desktop, and Quit Informatica do not work on the Mac operating system.</p> <p>Workaround:</p> <ul style="list-style-type: none"> - Click File > Exit to exit the Informatica Business Glossary Desktop. - Click Edit > Settings > Preferences to edit the Informatica Business Glossary Desktop application preference settings. - Click Help > About Informatica Business Glossary Desktop to view information about the Informatica Business Glossary Desktop application.
459873	<p>The Informatica Business Glossary Desktop application does not automatically run after you log in to the computer.</p>
458916	<p>When you delegate a vote in the approval workflow process, you can select multiple users, but you see an error when you confirm your selection in the Analyst tool.</p> <p>Workaround: Do not delegate your vote to multiple users.</p>
458237	<p>The Informatica Business Glossary Desktop client does not appear in the Mac applications list.</p> <p>Workaround: Use the Terminal to navigate to the Informatica Business Glossary Desktop installation directory to launch the application.</p>
458075	<p>The Analyst tool does not send email notifications when the domain is configured with Kerberos authentication.</p>
457603	<p>When you install the Informatica Business Glossary Desktop on a Mac, the following error appears in the Terminal:</p> <pre>INM1HF4DWDJWV:Informatica_BusinessGlossaryDesktop_Mac infa\$./install.sh Trying to load library IAMac Error trying to load library no IAMac in java.library.path</pre> <p>Workaround: Ignore the error displayed in the Terminal and continue the installation.</p>
456124	<p>When an asset appears at different levels both on the left side and the right side in a relationship view diagram that has bi-directional relationships, the Analyst tool does not display the relationship levels correctly when you change the number of levels when the following is true:</p>
454561	<p>You cannot publish or reject Business Glossary assets when all of the following conditions are true:</p> <ul style="list-style-type: none"> - The voting was in process. - The Glossary administrator exported the glossary. - The Glossary administrator imported the glossary and replaced the assets that are already in the Analyst tool. <p>Workaround: Complete the voting process before you export the glossary, if you intend to import the glossary.</p>
447739	<p>Business Glossary Desktop does not recognize line breaks. Content in business term properties that support the long string data type are displayed in a single line.</p>

Command Line Program Known Limitations

The following table describes known limitations:

CR	Description
456536	You can run the <code>infacmd wfs bulkComplete</code> command to complete the Voting tasks that a workflow specifies if you are not the business administrator for the task.
451454	When you run the <code>UpdateConnection</code> command for a Microsoft SQL Server connection, the command does not validate the values that you provide for the <code>Use DSN</code> and <code>Provider Type</code> options.
443208	You cannot embed single or double quotes in the <code>infacmd dis updateParameterSetEntries</code> command or the <code>infacmd dis addParameterSetEntries</code> command if you run either command on a Linux machine from the C shell. Workaround: You can embed single or double quotes in either command if you run the command from the bash shell.
441218	When you run multiple concurrent mappings from <code>infacmd</code> command line for a long time, the mapping run might fail with an error.
435815	You cannot use the "wait" option [-w] when you run the <code>infacmd wfs abortWorkflow</code> command or the <code>infacmd wfs cancelWorkflow</code> command.

Informatica Connector Toolkit Known Limitations

The following table describes known limitations:

CR	Description
441291	The Informatica Connector Toolkit Installer is not available for Linux 64 and AIX 64 platforms. Workaround: To manually install the Informatica Connector Toolkit on Linux or AIX platform, refer to the Installing Informatica Connector Toolkit on Linux or AIX section in the Informatica Connector Toolkit Developer Guide.
438209	When you use <code>Datetime</code> data type in a filter operation, you cannot test the read capability of the adapter. Workaround: Use the Informatica Developer Client to test the <code>Datetime</code> data type.
438203	When you create native metadata objects with the same name but different letter case, the code generation fails. Workaround: Use different names for different native metadata objects.
435998	When you edit a connection attribute that has dependent fields, the test connection wizard does not display the changes made to the connection attribute.

Data Transformation Known Limitations

The following table describes known limitations:

CR	Description
455003	A Data Processor transformation with hierarchical input and relational output, or relational input and hierarchical output, and with a Decimal38 output port, might fail in a mapping. A Hierarchical to Relational transformation with a Decimal38 output port, or a Relational to Hierarchical transformation with the same, might also fail in a mapping. Workaround: Do not use Decimal38 for any output port in these transformations.
CM-7722	When a Data Processor transformation transforms data into JSON output, the control characters are not escaped with the \u character.
CM-7720	HIPAA validation is not supported for Edifecs version 6.x in a Data Processor transformation with a HIPAA Library package.
CM-7693	A Data Processor transformation with JSON output replace unicode characters that are not valid with binary zero, instead of replacing with zero and a hexadecimal identifier.
CM-7692	An XMLStreamer in a Data Processor transformation fails to process documents with a DOCTYPE declaration.
CM-7691	When a Data Processor transformation transforms data into JSON output for characters 0-31, the control characters are not escaped with the \u character.
B2BT-377	A Data Transformation project fails to process an HTTPS URL in a Linux environment.

Data Type Known Limitations

The following table describes known limitations:

CR	Description
452731	When you create a mapping using Timestamp with Time Zone data type on SUSE 11, the mapping fails with the following error: <i>Database driver event...Error occurred loading library [/usr/lib64/libstdc++.so.6: version `GLIBCXX_3.4.11' not found (required by /export/home/svcoca/ocaagent/perforce/10/depends/bin/libicutu.so.55)]Database driver event...Error occurred loading library [libpmtimestampTzexpr.so]"</i>
443876	The Web Services Consumer transformation and the REST Web Services Consumer transformation do not support the Timestamp with Time Zone data type.
442175	You cannot preview or run a mapping that contains a Java transformation with an unconnected output port of the Timestamp with Time Zone data type.
441191	When the data type for a column is Timestamp with Time Zone, then the embedded rule and value frequency rule does not work on the column.

CR	Description
440559	<p>When you do not specify the date format in the Run Configurations dialog box or when you do not specify the Timestamp with Time Zone formats in the target file, the Data Integration Service rejects the rows randomly during implicit conversion of a large data set.</p> <p>Workaround: Verify that the data contains the date format specified at the Run Configurations and the Timestamp with Time Zone formats in the target file. You can use a data set with less than 100,000 rows.</p>
440398	<p>When the number of input rows is greater than 100,000 and the mapping contains a Java transformation with a Timestamp with Time Zone port, the mapping sometimes fails unexpectedly.</p>
439057	<p>Default value does not always appear for the Timestamp with Time Zone input port in the testing panel of the Expression Editor.</p> <p>Workaround: Verify that the source data contains the following format for Timestamp with Time Zone: MM/DD/YYYY HH24:MI:SS TZR</p>
439054	<p>On AIX 6.1, a mapping fails with an unexpected condition when the mapping contains a Timestamp with Time Zone data type.</p>
438661	<p>The Data Integration Service does not apply the cost-based optimization method to the mapping that contains a Timestamp with Time Zone data type even if the mapping is configured with the full optimizer level.</p>
438061	<p>When you use Timestamp with Time Zone data type in the mapping, the data gets truncated if the precision exceeds seconds. The issue occurs when you enable data object caching on the logical data object mappings and the data object caching database is on IBM DB2 or Microsoft SQL Server.</p>
438040	<p>Nanoseconds are ignored for Timestamp with Time Zone data in the expression result at the bottom of the testing panel in the Expression Editor.</p>
437066	<p>When you configure a mapping that contains a TO_BIGINT function and the function converts decimal values to bigint values for pushdown optimization, the mapping writes incorrect data to the target.</p> <p>Workaround: Do not configure pushdown optimization for the mapping and run the mapping again.</p>
432822	<p>Expression format validation fails for the Timestamp with Time Zone functions: CREATE_TIMESTAMP_TZ, GET_TIMEZONE, GET_TIMESTAMP, and TO_TIMESTAMP_TZ.</p>
427263	<p>You cannot specify a Timestamp with Time Zone data type with a time zone region in Daylight Savings Time (TZD) format.</p>
426892	<p>You cannot use a delimiter other than a colon when specifying the time zone offset with the Timestamp with Time Zone data type.</p> <p>Workaround: Change the delimiter to a colon for the time zone offset for the Timestamp with Time Zone data type.</p>
413806	<p>Unable to read SAP HANA data for the columns of the Decimal data type with precision from 35 digits to 38 digits.</p>

Developer Tool Known Limitations

The following table describes known limitations:

CR	Description
461184	When you import Teradata and Netezza mappings that contain stored procedures or SQL transformations from PowerCenter to the Developer tool, the import fails.
461005	If you update a data domain rule that uses a reference table in a Data Domains accelerator and you export the accelerator as an XML file, the XML file can be corrupted.
459780	Copy and paste operations on a reference table object might fail. Workaround: Before you copy and past the object, press F5 to refresh the Model repository view.
459488	If a Teradata mapping contains an SQL query that reads decimal columns with precision less than 15, the mapping fails to run after you import the mapping from PowerCenter to the Developer tool.
458862	When you use an SQL mapping and specify complex queries to generate a mapping, the Developer tool stops responding. Workaround: You must increase the default value of -Xmx value to 1536M in the <code>developerCore.ini</code> file and relaunch the Developer tool.
457283	When you import Teradata or Netezza objects from PowerCenter to the Developer tool, objects are converted as Teradata or Netezza objects by default.
457076	If you install the SQL Server JDBC driver on a virtual machine, you cannot use the driver to connect to Azure SQLServer.
455937	When you import Teradata and Netezza mappings that contain parameters from PowerCenter into the Developer tool, the mapping conversion framework does not bind the parameters between the object and the mapping automatically. Workaround: When you import Teradata and Netezza mappings, mapping parameters <code><param></code> from PowerCenter are renamed as <code><param_mappingname></code> in the object level in the Developer tool. To bind the parameters with the mapping parameters, perform one of the following tasks: - On the Parameter tab of the Netezza or Teradata source and target object, select the required parameters, and then select Expose as Mapping Parameter . - Select the required parameter in the Netezza or Teradata source or target object, click the Instance value, select Specify by Parameter from the list, browse, and then bind the object parameter with the required mapping parameters.
455216	The Developer tool imports the DECFLOAT data type of IBM DB2 for z/OS tables as Char(0).
448786	If you choose to fetch columns from a Microsoft SQL Server source at run time, the data preview and mapping fail.
431728	You cannot use the keyboard to add an HTTP web connection. Workaround: Use the mouse to add an HTTP web connection.
431726	You cannot use the keyboard to add a web service connection. Workaround: Use the mouse to add a web service connection.
421946	When you create an Oracle connection with a case-sensitive user name, the Developer tool does not display the default schema.

CR	Description
409289	Users with the IMFCryptographer file can access Model repository objects in the Developer tool that they do not have permissions on. Workaround: Use Kerberos authentication to prevent transmission of passwords between client and server.
393023	When you run data preview on an Oracle table with a native SSL connection or you run a mapping that has an Oracle data object with a native SSL connection, the Developer tool shuts down unexpectedly.

Intelligent Data Lake Known Limitations

The following table describes known limitations:

CR	Description
461094	When you prepare data in a worksheet in the Intelligent Data Lake application, the Split option might not correctly split a String column that contains numbers preceded or followed by a space. When you split a String column that contains numbers, the split can create numeric columns. If a numeric column includes a space with the numbers, the worksheet displays the numbers correctly in the new column. However, when you publish the data, the numeric column contains a NULL value.
459983	When you prepare data in a worksheet in the Intelligent Data Lake application, you cannot use the CONCATENATE() function on columns with numeric data types of Double, Decimal, or Float. When you concatenate the numeric columns, the worksheet displays the correct result in the concatenated column. However, when you publish the data, the concatenated column contains a NULL value. Workaround: Use the CONCATENATE() function on columns with data type String. Do not concatenate columns with numeric data types of Double, Decimal, or Float.
459071	You cannot upload a file that contains numeric data that uses scientific notation. If you upload a file that contains numeric data that uses scientific notation, the upload hangs. Workaround: Refresh the page to close the upload window. Verify that the file does not include data with scientific notation and upload the file again.
458300	If you provide an incorrect keystore password to secure the Intelligent Data Lake Service, you can enable the service but you cannot access the Intelligent Data Lake application. When you launch the Intelligent Data Lake application on a browser, the login page does appear. No error message appears on the page and no error message is written to the log files. Workaround: Before you start a secure Intelligent Data Lake Service, verify that the keystore password is correct.

Live Data Map Known Limitations

The following table describes known limitations:

CR	Description
461101	After you run a scan on a Hive resource, Enterprise Information Catalog displays an incorrect asset size value for tables on which column profiles were run.
460886	If both Catalog Service and Informatica Cluster Service use Kerberos authentication and an HBase RegionServer shuts down after running for more than 8 hours, the HBase process shuts down. Workaround: Restart the services.
460808	In an internal cluster deployment, when you enable the Informatica Cluster Service after you log in as a non-root user, Live Data Map generates a <code>java.lang.IndexOutOfBoundsException: Index: 0, Size: 0</code> error.
460794	When a scan on an Informatica Platform version 9.6.1 HotFix 3 or 10.0 resource runs, you cannot pause or cancel the scan.
460692	You cannot install Live Data Map in non-US English locales. Creating Catalog Service and Informatica Cluster Service with the cluster name in Japanese, Korean, or Simplified Chinese fails. Workaround: Install Live Data Map using the English locale or create the Catalog Service and Informatica Cluster Service with the cluster name in English.
460487	If you specify an incorrect port value for the Yarn resource manager URI option when you deploy Live Data Map, the Apache HBase deployment fails and the Catalog Service becomes unresponsive.
460485	If you use the Informatica Platform version 9.6.1 HotFix 3 or 9.6.1 HotFix 4 resource to extract Model repository metadata and the Informatica domain is SSL-enabled, a scan on the resource fails.
460355	You cannot enable the Informatica Cluster Service after you run the <code>ResetScript.sh</code> script file. This issue occurs because the script file fails to remove the <code>/etc/hadoop-httpfs</code> folder as part of the cleanup.
460058	When you run a scan on a SQL Server resource with the Random N Rows profile sampling option selected, the profile run intermittently fails.
460054	The Relationship tab in Enterprise Information Catalog does not display the primary key and foreign key relationships for a Sybase resource.
460007	Enterprise Information Catalog incorrectly displays the lineage diagram for a purged Informatica Platform resource.
459770	When you upgrade Live Data Map to version 10.1, Informatica Administrator displays that the Catalog Service is unavailable when the Catalog Service restarts after the upgrade.
459767	After you create the Catalog Service for a Kerberos-enabled internal cluster, the Enable Kerberos and Enable SSL options are not enabled in Informatica Administrator.
459654	If you use the Informatica Platform version 10.0 resource to extract Model repository metadata, Enterprise Information Catalog does not display the lineage information for source data that contains the Exception transformation.
459390	Enterprise Information Catalog does not display the resource type version in the Overview tab for an Informatica Platform resource.

CR	Description
459354	When you edit an Informatica Platform resource, the application name or the parameter set for the mappings in the application display junk characters if the following conditions are true: <ul style="list-style-type: none"> - You created the resource with a target version 10.0 or 10.1. - The application name, parameter set, domain name, Data Integration Service name, or username contains an i18n character.
459098	When you run a scan using the Informatica Platform resource type without specifying an application name, Live Data Map does not run all the applications including the applications with parameter sets. Workaround: Create a separate resource for each application with parameter sets.
458932	If you deployed Live Data Map on an internal cluster that uses Kerberos authentication, YARN Application Master generates the HTTP ERROR 500 error.
458618	When you use the HDFS Resource connection to extract metadata, Enterprise Information Catalog does not display the count of empty folders in the asset overview information.
458365	Testing an HDFS connection fails if you install Live Data Map on a cluster that does not use the Kerberos authentication and the HDFS source is not in a Kerberos environment.
458319	If you use the Informatica Platform resource type to extract metadata from a Model repository on the 9.6.1 HotFix 3 version and the source mappings contain SQL transformations, the scanner run fails.
457399	If you do not select the First Row as Column Header for CSV option when you use the HDFS resource connection to import metadata from CSV files, the Overview tab in Enterprise Information Catalog displays the source columns in an incorrect order.
454452	After you use Live Data Map with a Medium data set configuration to run a scan on several large resources, Apache Slider does not launch a new HBase RegionServer if HBase Master shuts down a long-running RegionServer.
LDM-733	You cannot deploy Live Data Map on an internal cluster if you use SUSE Linux.

Mapping and Workflow Known Limitations

The following table describes known limitations:

CR	Description
461315	When you perform a search and replace operation on a date-time value in an exception task, the Analyst tool does not update the date-time value with the value that you entered. The issue arises when the Analyst tool browser uses an English (United Kingdom) locale. Workaround: Set the browser locale to English (United States).
460888	You cannot validate a workflow that contains multiple Mapping tasks if you replace the data target in a mapping that one of the tasks uses.
460871	The search and replace options in an exception task do not recognize Float data types as numeric data when the task is in a Microsoft SQL Server database.

CR	Description
460729	You cannot use the All Numbers option to replace a numeric value on all pages of exception task data in a Microsoft SQL Server database. Workaround: Select a column of numeric data. Replace the numeric value in the column that you select on all pages of the task. Repeat the process for any other column of numeric data.
460715	You cannot search and replace data in a column in an exception task if the workflow that created the task used the column data to distribute task instances to users.
459911	If you create the workflow database contents on a Data Integration Service on grid and the Data Integration Service stops unexpectedly, the Administrator tool displays the following message: Workflow database contents do not exist. The issue arises when you enable operating system profiles on the Data Integration Service.
459791	Workflow log file names do not include a time stamp.
459488	If a Teradata or Netezza mapping contains an SQL query that reads decimal columns with precision less than 15, the mapping fails to run after you import the mapping from PowerCenter to the Developer tool.
458284	You cannot deploy a workflow application if the workflow contains more than 12 Mapping tasks between two Inclusive gateways.
457765	When you run a workflow with a Mapping task under an operating system profile, the workflow does not create the directories that the operating system profile specifies. In addition, the Mapping task fails to run.
457624	You cannot use the Scheduler to run mappings, workflows or any other job in a domain where Kerberos authentication is enabled.
456589	When a workflow that includes a Command task and a Human task recovers from a Data Integration Service interruption, the workflow monitor might not show the correct state of the Command task. The workflow monitor might show that the Command task is running, although the task restarted and completed on recovery. The issue arises when the following conditions are true: - The workflow runs the Command task and the Human task in parallel between two Inclusive gateways. - The Human task generates a large number of task instances, for example 600 task instances.
443810	When you run multiple concurrent instances of the same workflow, the Mapping tasks might fail to update a persisted mapping output. Workaround: Start the workflows with a ten second delay between them.
443730	On AIX operating systems, when you use an SSL-enabled Oracle connection and the Oracle 12C client to connect to an Oracle database, the mapping fails.
442040	If you select the ODBC provider as MongoDB and Cassandra to connect to the source, the Data Integration Service cannot push transformation logic to the source and results in a null pointer exception. Workaround: Specify the ODBC provider in the ODBC connection object as Other and run the mapping.
440849	When the Data Integration Service applies the cost-based optimization method to a mapping with an Aggregator transformation, it might add an extra Sorter transformation even if the data is sorted before the Joiner transformation and the Aggregator transformation appears after the Joiner transformation.
440275	The Data Integration Service does not apply the cost-based optimization method to a mapping that contains an unspecified row limit or a LIMIT clause in the SQL transformation even if the mapping is configured to use the cost-based optimization method.

CR	Description
439979	When you use an ODBC connection and write data to a Netezza target, the Data Integration Service rejects data of the Boolean and Timestamp data types.
439220	When the target for a Write transformation includes two database tables with a parent-child relationship, the mapping fails if you enable the option to Create or replace table at run time . The Data Integration Service drops and recreates the tables in a specified order that prevents recreation of the correct primary key - foreign key relationship between the parent and child tables.
431685	A validated mapping fails to run with an expression parsing error because an expression contains Unicode punctuation characters in field names.
429231	No validation error occurs if you create a workflow parameter name with a leading dollar sign (\$).
426806	A mapping that reads from a flat file source might not be fully optimized at run time when the following conditions are true: <ul style="list-style-type: none"> - The flat file data object uses the SourceDir system parameter for the source file directory. - The mapping runs on a Data Integration Service grid configured to run jobs in separate remote processes. Workaround: Configure the flat file data object to use a string value or a user-defined parameter for the source file directory.
393416	A partitioned mapping fails if you use the default merge file name to sequentially merge the target output for all partitions. Workaround: Change the default name of the merge file.
375473	When an SQL data service query generates a long WHERE clause, pushdown to the source fails. For example, if an SQL query generates a WHERE clause of 61 KB or higher, pushdown to source fails. Workaround: You can reduce the optimizer level for the query or increase memory for the JVM that runs the Data Integration Service.

Metadata Manager Known Limitations

The following table describes known limitations:

CR	Description
461099	When you run the rmu command line program on a resource from a previous version of Metadata Manager, migration fails. For example, migration fails if you run rmu version 10.1 on a 9.6.1 HotFix 4 resource that has not been upgraded to 10.1 and marked deprecated by the upgrade process.
461098	When you enable incremental loading for a Teradata resource that contains a schema that is mapped to the database name, Metadata Manager always performs a full metadata load.
460309	When you load an Oracle resource incrementally, the mm.log file shows some "unique constraint" transformation errors.
457381	You cannot load an Informatica Platform resource that extracts metadata from a deployed application of version 9.5.1 or any 9.5.1 HotFix. Workaround: Extract metadata from an application archive file.

CR	Description
455422	After you load a packaged or universal resource and refresh the connections, the Link Details report shows duplicate connection names, and linking does not always happen with the correct connection.
442486	<p>When you load a business glossary resource that contains a business term with a rule asset and related assets from Metadata Manager, the Metadata Manager Service does not synchronize the related catalog objects in Metadata Manager with the related assets in the Analyst tool. The load log displays the following error:</p> <pre>BG links migration failed... The requested object does not exist in the catalog.</pre> <p>Workaround: To synchronize the related catalog objects with the related assets, unassign the rule asset from the term before you load the glossary. Reassign the rule asset to the term after the load completes.</p>
442395	<p>When you use the rmu migration utility to migrate a 9.5.1 HotFix 2 resource, the migration fails with the following errors:</p> <pre>ERROR - Unrecognized option: -includePassword ERROR - Migration for resource:Resource Type-<Type>, Source System Version-<Version>, name-<Name> failed</pre> <p>Workaround: Upgrade the Metadata Manager warehouse to version 10.0, and then migrate the deprecated resources.</p>
441925	<p>Loading certain resources fails randomly with the following error in the mm.log file:</p> <pre>LoaderThread] ERROR TaskHandler - An error occurred in LineageGraphInternalLinksCreationTaskHandler: com.orienttechnologies.orient.core.exception.ODatabaseException: Error on saving record #<number></pre> <p>Workaround: Add the following properties to the imm.properties file and specify property values that are less than the default values:</p> <ul style="list-style-type: none"> - Lineage. PreCompute.ElementsInSingleTransaction. Default is 50,000. - Lineage. PreCompute.FetchBlockSize. Default is 5000.
441860	<p>When the Metadata Manager repository database type is Microsoft SQL Server, and you create a Metadata Manager Service with secure JDBC parameters in the database connection URL, the service cannot connect to the database.</p> <p>Workaround: Enclose the secure JDBC parameters string in quotation marks.</p>
441322	After you load a business glossary resource in a domain that uses Kerberos authentication, the load status shows "Load Successful;Indexing Successful;Linking Failed" instead of "Load Successful;Indexing Successful;Not Linked."
440627	<p>Loading a Microsoft SQL Server resource that uses a trusted connection fails with the following error:</p> <pre>Could not create source connection in PowerCenter repository.</pre>
439498	When you load a Business Glossary resource that contains term names with backslash characters (\), the load fails with the following error: Incomplete values at line <number>
432827	Metadata Manager does not support metadata extraction for dynamic mappings.
426995	Data lineage for custom objects with "Any Model, Any Class" class-level relationships is incorrect when the objects are linked to PowerCenter mappings.
420072	When you load a Business Glossary resource that contains different combinations of special characters in the glossary name, the load might fail with an internal error or a Java runtime exception.

CR	Description
395899	The Find button in the lineage diagram does not display search results the first time that you click it. Workaround: Click the button a second time to display the search results.
393548	In Metadata Manager, if the name of a related catalog object for a business term contains a space as the first character, the corresponding data assets are not updated in the Analyst tool business glossary. Also, if the name of a related catalog object for a business term contains any of the following characters, the URL in the Analyst tool business glossary does not work: ` ~ ! @ # \$ % ^ & * () , / \ "

PowerCenter Known Limitations

The following table describes known limitations:

CR	Description
450540	The PowerCenter Integration Service generates an unhelpful error message when a dual-source identity match mapping fails to run and the mapping originates in a non-current Model repository.
442622	You cannot specify an error action when you use the ODBC provider type in the Microsoft SQL Server connection.
425055	If you update the Provider Type and Use DSN options for a Microsoft SQL Server ODBC connection by using the pmrep UpdateConnection command, the command fails.
423523	On a Windows platform, if you execute a query that uses a Sybase IQ External Loader connection to load to a Sybase IQ target, and if the Server Datafile Directory is not accessible, the session hangs. Workaround: When you run the mapping, ensure that the Windows machine that hosts the PowerCenter Integration Service has access to the Sybase IQ server.
392671	Failed to check appropriate privileges for the metadata web services.

Profile and Scorecard Known Limitations

The following table describes known limitations:

CR	Description
461603	Outlier detection does not work when the profiling warehouse is on a Microsoft SQL Server database.
460151	Domain discovery fails when you choose all the data domains and choose Hive as the run-time environment.
460075	When you create and run a column profile on the Blaze engine, the columns display incorrect scale and sometimes infer incorrect data type.

CR	Description
459866	In the Analyst tool, the outlier count in summary view displays 0 instead of N/A when the following conditions are true: 1. You create and run a column profile. 2. In the summary view, you detect outliers. 3. You edit the profile and run the profile. 4. You view the profile results in summary view.
458913	Column profile runs for a Sqoop source fail when you select a few columns for the profile. Workaround: Select all the columns for column profiles with Sqoop source.
456994	When you create and run a column profile on a data source that has a column with Timestamp with Time Zone data type and you choose Hive or Hadoop as the run-time environment, the profile run fails.
455851	There are no infacmd sch commands for profiles and scorecards.
454839	In the Developer tool, when you use Apache Drill to create a Parquet file and you create a column profile on the Parquet file, an error appears.
449610	Column profile run fails when you configure a JDBC connection for the profiling warehouse and you run the profile on the Blaze engine.

Rule Specification Known Limitations

The following table describes known limitations:

CR	Description
460038	The properties view for a rule specification that you compiled before you upgraded to version 10.1 does not identify the mapplet that the compilation operation generated.
459453	You cannot validate a rule specification when the following conditions are true: - You add a mapplet to a rule statement in the rule specification. - The mapplet that you add to the rule statement includes a reference to another mapplet. - You compiled the mapplets that you add in each case from rule specifications that you created in the current session. Workaround: Log out of the Analyst tool and log in again.
442146	The Analyst tool renames an input in a rule specification and invalidates the rule specification when the following conditions are true: - The rule specification is present in a Model repository that you upgrade to version 10.0. - The rule specification contains more than one input with the same name. Workaround: Delete the inputs from the rule sets. Create the inputs again and add the inputs to the rule sets.
439899	The Analyst tool returns incorrect results when you test a rule specification that contains a mapplet that you generated from another rule specification. The issue arises when the mapplet that you generated reads another mapplet in the Model repository. Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays.

CR	Description
439453	<p>The Analyst tool returns incorrect results when you test a rule specification that contains a mapplet that you generated from another rule specification. The issue arises when the rule specification that generated the mapplet contains a rule set with the same name as a mapplet in the Model repository.</p> <p>Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays.</p>
439258	<p>The Analyst tool might display an error message when you open a rule specification that contains a mapplet that you generated from another rule specification. The issue arises if you generate another version of the mapplet after you added the mapplet to the rule specification in the same Analyst tool session.</p> <p>Workaround: Log out of the Analyst tool and log back in. Ignore any error message that the Analyst tool displays.</p>
439182	<p>When you copy a chain of linked rule statements to another rule set in a rule specification, you cannot generate a mapplet from the rule specification. The issue arises when you embed a mapplet in the second rule statement or a subsequent rule statement in the chain. You can encounter the issue in the following cases:</p> <ul style="list-style-type: none"> - You copy the chain of rule statements to a rule set in the same rule specification or in another rule specification. - You copy a rule set that contains the chain of rule statements to another location in the same rule specification or to another rule specification.
378801	<p>You cannot configure a rule statement that generates output from an addition or subtraction operation and a rule statement that generates output from a multiplication or division operation in the same rule set. The Analyst tool treats the output from an addition or subtraction operation as a different data type than the output from a multiplication or division operation.</p> <p>Workaround: Configure the rule statements in different rule sets.</p>

Third-Party Limitations

The following table describes third-party known limitations:

CR	Description
BDM-937	<p>When you install Big Data Management on Cloudera by using Cloudera Manager, the parcels are not copied to .flood directory and the installation fails with the following error:</p> <pre>Src file /opt/cloudera/parcels/.flood/ INFORMATICA-10.1.0.informatica10.1.0.pl.364-sles11.parcel/ INFORMATICA-10.1.0.informatica10.1.0.pl.364-sles11.parcel does not exist.</pre> <p>Also, after you uninstall Big Data Management on Cloudera by using Cloudera Manager, the parcels are not deleted from the .flood directory.</p> <p>Workaround:</p> <ul style="list-style-type: none"> - When you install Big Data Management on Cloudera, manually copy the parcel file and .torrent file to <parcel-repo>/.flood directory. - After you uninstall, manually delete the files in <parcel-repo>/.flood directory. <p>Cloudera reference number: 103733</p>
461762	<p>When you use the Netezza ODBC driver and write Unicode data to a Netezza database, the mapping might fail when the Netezza target contains Varchar columns. The mapping fails because of a DataDirect Driver Manager issue.</p> <p>DataDirect reference number: 00343606</p>
461032	<p>The Spark engine does not return output for a master or detail outer join when the condition does not join on keys, but it compares a column with a constant or null.</p> <p>Apache JIRA reference number: https://issues.apache.org/jira/browse/SPARK-14854</p>
459901	<p>When you use a JDBC connection in the Developer Tool to import a Netezza source object that contains the time data type, the data preview fails.</p>
459539	<p>When you use authorization through user impersonation on a MapR cluster, the mapping fails with an error like:</p> <pre>User <username>(user id <userid>) does not have access to maprfs:///<path>/ <filename></pre> <p>MapR issue reference number: 00037816</p>
458899	<p>When you use the Teradata ODBC driver and write Unicode data to a Teradata database, the mapping might fail when the Teradata target contains Varchar columns. The mapping fails because of a DataDirect Driver Manager issue.</p> <p>DataDirect reference number: 00343606</p>
458500	<p>If you set the Operating System Profile and Impersonation to true for the Data Integration Service and the Available Operating System Profile to OSP1 in the Developer client, and run a Teradata mapping in native mode, the mapping fails.</p> <p>Workaround: Set the Operating System Profile and Impersonation in the Data Integration Service to false and then run the mapping.</p> <p>Teradata case number: RECGV4J3Q</p>
457560	<p>When you import data from an Oracle database through Sqoop and the database contains a column of the Clob data type, the mapping fails.</p> <p>Sqoop ticket reference number: SQOOP-2945</p>

CR	Description
452471	Loading a Microsoft SQL Server resource fails when TLS encryption is enabled for the source database and the Metadata Manager repository is a Microsoft SQL Server database with TLS encryption enabled. Data Direct case number: 00343832
448529	Profile fails with an ambiguous column reference error when you run a profile with domain discovery on a MapR 4.0.2 YARN and MapR 4.0.2 distribution.
442760	When you use an ODBC connection to write data to a Teradata client version 15.10.0.1, the Data Integration Service rejects data of the numeric data type. Teradata ticket reference number: RECGNXLML
439606	If a Teradata target contains a column of the CHAR or VARCHAR data type at the fifth position, the Data Integration Service writes NULL values to the column. This issue occurs when you use an ODBC connection to write data. DataDirect case reference number: 00324380
438965	When you run a data domain discovery profile with multiple data domains on MapR 4.0.2 Yarn or MapR 4.0.2 classic Hadoop distribution files, profile run fails.
414220	When you preview data from the SAP HANA database for a decimal data type with a precision of 38 digits, the data preview runs continuously. When you run the mapping, the mapping run fails with an error. SAP ticket reference number: 0000624569 2015
413119	When you import a Timestamp with Time Zone metadata, the scale appears as 0 instead of 6 for the data type. DataDirect reference number: 00310850
410495	On AIX operating systems, when you enable secure communication to an SAP HANA database on AIX with the SSL protocol, mappings terminate unexpectedly. SAP ticket reference number: 0001101086
410437	Mapping fails in the Hive environment if the user name or password for a target IBM DB2 table is more than eight characters. The following error appears in the Hadoop cluster logs: Caused by: java.io.IOException: Mapping execution failed with the following error: WRT_8001 Error connecting to database... WRT_8001 [Session Write_EMP_OUT5_MAPPING_3285816766724683 Username test_it2 DB Error -1 [IBM][CLI Driver] SQL30082N Security processing failed with reason "24" ("USERNAME AND/OR PASSWORD INVALID"). SQLSTATE=08001 Workaround: Verify that the IBM DB2 database user name and password is less than eight characters.
398978	Mapping fails if it uses the Teradata Connector for Hadoop (TDCH) to run on a Hadoop cluster that uses Kerberos authentication. Workaround: Use the kinit command to generate a valid ticket on all the cluster nodes before you run the mapping.
395943	When a MySQL table name contains special characters, the Developer tool does not import all the columns. This issue occurs when you use the DataDirect ODBC and JDBC drivers to import the metadata. DataDirect ticket reference number: 00322369
393899	You cannot configure an Oracle 12c database for Kerberos authentication. Oracle SR number: 3-8990776511

CR	Description
373732	Sessions that read data from an Oracle source or write data to an Oracle target might fail when secure communication is enabled for the Oracle database. A session is more likely to fail when it performs a database lookup against a secure Oracle database. Workaround: Contact Informatica Global Customer Support. Reference Oracle SR number: 3-8287328531.
370702	You cannot create an Oracle resource when secure communication is enabled for the Oracle metadata source. Similarly, you cannot set up the Metadata Manager repository on an Oracle database when secure communication is enabled. Oracle SR number: 3-8287328531

Transformation Known Limitations

The following table describes known limitations:

CR	Description
459356	The Hierarchical to Relational transformation does not support Avro and Parquet input formats.
434792	The Match transformation performs identity analysis on the key field port and ignores the match strategy ports when you do not include the key field port in the match strategy. The transformation does not perform match analysis correctly on the key field data and does not create accurate clusters.
430163	You cannot copy fields to the Ports view of a REST Web Service Consumer transformation. Workaround: Manually add the ports to the REST Web Service Consumer transformation.
408000	If you do not define the input schema or map the request input group element to the root element of REST consumer input, REST fails without displaying an error message.
407604	When adding custom ports, non-reusable REST transformation incorrectly appends new custom ports to deleted custom ports. Workaround: Re-create the transformation.
395353	When you use the ABORT() function in an Expression transformation, the Data Integration Service does not process the Expression transformation. Workaround: Change the default value of the output port to 0 and run the mapping again.
387899	When the Data Integration Service performs a cached lookup and an uncached lookup on Microsoft SQL Server Uniqueidentifier data types, it does not return the same number of rows.
356755	The Key Generator transformation cannot generate unique sequence ID values in a Hadoop environment.
CM-7737	If you use the transformation wizard to create a Hierarchical to Relational transformation or Relational to Hierarchical transformation in one folder, and try to reference a schema in another folder, the wizard might fail.

CHAPTER 5

Informatica Global Customer Support

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

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

<http://www.informatica.com/us/services-and-training/support-services/global-support-centers>.

If you are an Informatica Network member, you can use Online Support at <http://network.informatica.com>.