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This document contains important information about restricted functionality, known limitations, and bug fixes in Informatica version 10.4.0.2.

Preface

Informatica 10.4.0.2 is a service pack that contains multiple emergency bug fixes. The service pack supports Informatica Data Quality and all Data Engineering and Data Catalog products.

The service pack is available for Linux, and you can download it from the [Informatica Network](#).

New Features

This section describes new features in service pack 10.4.0.2.

Update Cluster Distribution Version

Effective in service pack 10.4.0.2, you can use the `infacmd dis` command `updateClusterDistributionVersion` to update the distribution version for Create Cluster tasks in Informatica workflows.

When you apply service pack 10.4.0.2, the cluster version property of Create Cluster tasks does not update to the latest supported version. Use the command to update the cluster distribution version for all deployed workflows in an application.

For more information, see KB article 621234, ["HOW TO: Update cluster distribution version for workflows."](#)

Support Changes

This section describes the support changes in version 10.4.0.2.

Deferred Support

Effective in version 10.4.0.2, Informatica deferred support for the following functionality:

Multiple targets with JMS source

Support for multiple targets with JMS source is deferred.

Informatica intends to reinstate it in an upcoming release, but might choose not to in accordance with changing market or technical circumstances.

Verify System Requirements

Verify that your environment meets the minimum system requirements, such as operating systems and Hadoop distributions.

In each release, Informatica can add, defer, and drop support for the non-native distributions and distribution versions. Informatica might reinstate support for deferred versions in a future release.

To see a list of the latest supported versions, see the Product Availability Matrix on the Informatica Customer Portal:

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

Installation

To apply the service pack, you can download the installer files, update the `Input.properties` file, and run the installer.

You can run the installer to apply or to roll back all product components or just a product component. After you install or roll back the service pack, complete the post-installation steps.

To roll back the service pack, set the rollback property in the `Input.properties` file, and then run the installer.

Upgrade Path

You can apply 10.4.0.2 on Informatica 10.4.0.1 or on Informatica 10.4.0. If you are using versions earlier than 10.4.0, you must upgrade all Informatica services and repositories running in a domain to Informatica 10.4.0 before applying Informatica 10.4.0.2.

Note: For information about support EOL statements, contact Informatica Global Customer Support or see <https://network.informatica.com/docs/DOC-16182>.

Service Pack Files

Informatica provides the service pack in `.tar` file and `.zip` formats. After you download the service pack, extract the file contents. The service pack is available for Linux and Windows installations.

The service pack includes the following files:

Input.properties

Identifies the root directory of the Informatica installation to which you will install the service pack. You update the file with the directory path. The file also contains a rollback property that you can set if you decide to uninstall the service pack.

install.bat

Installs the service pack to the directory that you specify on a Windows machine for the Developer tool. Find the file in the Windows installer.

install.sh

Installs the service pack to the directory that you specify on a Linux machine. Find the file in the Linux installer.

Download the Service Pack Files

Download one or more installer files to install a service pack or roll back a service pack after you install.

To apply the service pack for Informatica 10.4.0.2, you can download the service installer, Informatica Developer installer, and command line utilities package.

Download one of the following packages:

- `informatica_10402_server_linux-x64.tar`
Contains updates for Redhat Enterprise Linux installations.
- `informatica_10402_server_suse11-x64.tar`
Contains updates for SUSE Linux Enterprise Server installations.

Download the following package for Informatica Developer:

- `informatica_10402_client_winem-64t.zip`
Contains updates for the Developer tool installation.

Download one of the following packages for command line utilities:

- `informatica_10402_cmd_utilities_linux-x64.zip`
Contains updates for Redhat Enterprise Linux installations.
- `informatica_10402_cmd_utilities_suse11-x64.zip`
Contains updates for SUSE Linux Enterprise Server installations.

Update the Input.properties File

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

1. Extract the service pack file.
2. Find the `Input.properties` file in the service pack.
3. Update the `DEST_DIR` property in the file with the path to the Informatica root directory.

- On a Linux machine, set the path in the following format:

`DEST_DIR=/home/infauser/<version number>`

- On a Windows machine, set the path in the following format:

`DEST_DIR=C:\\Informatika\\<version number>`

4. Configure the value of the ROLLBACK property. You can apply or roll back the service pack for all product components or to specific component. To install the service pack, retain the default value of **0**. To roll back the service pack, set the value to **1**.

When you install or roll back the service pack, the installer applies all the components, by default. To apply or roll back a specific component, remove the comment tag (#) associated with the component that you want to apply. For Data Engineering component, set BDM_ONLY to 1. For Enterprise Data Catalog, set EDC_ONLY to 1. For Enterprise Data Preparation, set EDP_ONLY to 1.

You must apply individual components for a customized product application in the following order:

1. Data Engineering products
2. Enterprise Data Catalog
3. Enterprise Data Preparation

You must roll back the components for a customized product application in the following order:

1. Enterprise Data Preparation
2. Enterprise Data Catalog
3. Data Engineering products

5. Save and close the file.

Run the Installer

Run the installer file to install the service pack or roll back the service pack after you install.

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

Note: After you apply version 10.4.0.2, the following message might appear in the `ServicePack_10.4.0.2_Install.log` file:

Cannot perform the <delete or backup> operation because the file does not exist: <file path>

You can ignore the message.

Post-installation Steps

After you apply the service pack, perform the post-installation tasks that apply to your product.

Post-installation Steps for the Analyst Service

After you download and apply the service pack, perform the following steps:

1. Verify that the Analyst Service is not running.
2. Delete the following directories from the Informatica installation location:
 - `<Informatica root directory>/services/AnalystService/analyst`
 - `<Informatica root directory>/services/AnalystService/analystTool`
 - `<Informatica root directory>/services/AnalystService/mappingspec`
 - `<Informatica root directory>/tomcat/temp/<analyst_service_name>`
If the `temp` directory contains multiple Analyst Service directories, delete the directory for each Analyst Service.
3. Restart the Analyst Service.
4. Clear the browser cache on the client machines.

Post-installation Steps for Enterprise Data Catalog

If you are an Enterprise Data Catalog user, the installer removes the 10.4.0.2 Informatica Platform scanner binary files after you apply the service pack.

Before you run the Informatica Platform scanner, perform the following steps to download the Informatica Platform scanner binary files:

1. For Linux, download and unzip the `MRSScannerBinaries.zip` file. For SuSE, download and unzip the `MRSScannerBinaries_Suse.zip` file.
To download the file, contact Informatica Global Customer Support.
2. Based on the Informatica Platform version, copy the required version of the zip file to the `<infa_home>/services/CatalogService/ScannerBinaries` location in the Informatica services machine.
3. Restart the Catalog Service.

Download Scanner Binary Files for Enterprise Data Catalog

If you deleted the scanner binary files after applying the service pack, perform the following steps before you run a PowerCenter scanner or an Informatica Platform scanner:

1. Download one of the following zip files based on the operating system you use:
 - RedHat Enterprise Linux. Download the `ScannerBinaries.zip` file.
 - SuSE Linux. Download the `ScannerBinaries_Suse.zip` file.

Note: To download the file, contact [Informatica Global Customer Support](#).

2. Extract the file to following location where you installed Enterprise Data Catalog:
`<infa_home>/services/CatalogService/ScannerBinaries.`
3. Delete the MRSScanner folder from `<infa_home>/services/CatalogService`, and the PC_Client folder from the `<infa_home>/services/CatalogService/scanner_agents` locations.
4. Restart the Catalog Service.

Download Apache Ambari Binary Files for Enterprise Data Catalog

Perform the following steps if you are applying the service pack on Enterprise Data Catalog running on SuSE Linux Enterprise Server 12 SP4:

1. Download the `ambaribinariessuse12.tar.gz` file that includes the Apache Ambari binary files.
Note: To download the file, contact [Informatica Global Customer Support](#).
2. Based on your requirement, perform one of the following steps:
 - If you are installing Enterprise Data Catalog 10.4.0 and then applying the service pack, copy the downloaded file to the following directory: `/data/InstallerTemp/LDM10402/source`. You can find this directory in the location where you extracted the Informatica installer .tar file.
 - If you are applying the service pack on an existing Enterprise Data Catalog 10.4.0 installation and want to use SuSE Linux Enterprise Server 12 SP4 on any of the nodes in the cluster, copy the downloaded file to the following location on the nodes: `<infa_home>/services/InfaHadoopService/`

Ensure that you perform this step before you enable the Informatica Cluster Service.

Post-Installation Steps for the Python Transformation

To use the Python transformation, you must ensure that the worker nodes on the Hadoop cluster contain an installation of Python after you install or upgrade.

Note: If you previously installed Python in the directory `<Informatica installation directory>/services/shared/spark/python`, you must reinstall Python.

Complete different tasks depending on the product that you use.

Installing Python for Data Engineering Integration

To use the Python transformation in a mapping, the worker nodes on the cluster must contain a uniform installation of Python. You can ensure that the installation is uniform in one of the following ways:

Verify that the Python installation exists.

Verify that all worker nodes on the cluster contain an installation of Python in the same directory, such as `/usr/lib/python`, and that each Python installation contains all required modules.

Additionally, verify that the following Spark advanced property in the Hadoop connection is configured based on the directory that stores the Python installation:

```
infaspark.pythontx.executorEnv.PYTHONHOME
```

Install Python.

Install Python on every Data Integration Service machine. You can create a custom installation of Python that contains specific modules that you can reference in the Python code. When you run mappings, the Python installation is propagated to the worker nodes on the cluster.

If you choose to install Python on the Data Integration Service machines, complete the following tasks:

1. Install Python.
2. Optionally, install any third-party libraries such as numpy, scikit-learn, and cv2. You can access the third-party libraries in the Python transformation.
3. Copy the Python installation folder to the following location on the Data Integration Service machine:

```
<Informatica installation directory>/services/shared/spark/python
```

Note: If the Data Integration Service machine already contains an installation of Python, you can copy the existing Python installation to the above location.

Changes take effect after you recycle the Data Integration Service.

Installing Python for Data Engineering Streaming

To use the Python transformation in a streaming mapping, you must install Python and the Jep package. Because you must install Jep, the Python version that you use must be compatible with Jep. You can use one of the following versions of Python:

2.7
3.3
3.4
3.5
3.6

To install Python and Jep, complete the following tasks:

1. Install Python with the **--enable-shared** option to ensure that shared libraries are accessible by Jep.
2. Install Jep. To install Jep, consider the following installation options:
 - Run `pip install jep`. Use this option if Python is installed with the pip package.
 - Configure the Jep binaries. Ensure that `jep.jar` can be accessed by Java classloaders, the shared Jep library can be accessed by Java, and Jep Python files can be accessed by Python.
3. Optionally, install any third-party libraries such as numpy, scikit-learn, and cv2. You can access the third-party libraries in the Python transformation.
4. Copy the Python installation folder to the following location on the Data Integration Service machine:

```
<Informatica installation directory>/services/shared/spark/python
```

Note: If the Data Integration Service machine already contains an installation of Python, you can copy the existing Python installation to the above location.

Changes take effect after you recycle the Data Integration Service.

Emergency Bug Fixes Merged into 10.4.0.2

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.4.0.2. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.4.0.2, see the following Informatica Knowledge Base article: <https://kb.informatica.com/faq/7/Pages/25/621151.aspx>

Emergency Bug Fixes Merged into 10.4.0.1

Informatica merged Emergency Bug Fixes (EBFs) from previous releases into version 10.4.0.1. These EBFs provided fixes for issues that were found in previous releases.

For a list of EBFs that were merged into version 10.4.0.1, see the following Informatica Knowledge Base article: <https://kb.informatica.com/faq/7/Pages/24/617119.aspx>

10.4.0.2 Fixed Limitations

Data Engineering Integration Fixed Limitations (10.4.0.2)

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

The following table describes fixed limitations:

Bug	Description
BDM-32012	When you specify a file path as the value for the Databricks Create Cluster task advanced properties Cluster Tags, Spark Configurations, or Environment Variables, the Create Cluster task fails with the following error: <code>java.lang.RuntimeException: Failed to create Databricks Cluster with name [<name>] due to invalid character at [<position>] in [<file location>].</code>
BDM-31794 BDM-32126	Mappings that use the Spark engine to run on HDInsight 3.6 fail after an Azure update with the error: <code>java.lang.ClassNotFoundException: org.wildfly.openssl.OpenSSLProvider</code>
BDM-31589 BDM-31614 BDM-32010	When the path to the physical data object source includes spaces in the name of a file or directory, the path that is rendered in the source output has the characters %20 for spaces. For example, C:\testdirectory\flat file.txt is rendered as C:\\testdirectory\\flat%20file.txt. This behavior happens for flat file and complex files.

Bug	Description
BDM-31589 BDM-32010	When the path to the physical data object source includes spaces in the name of a file or directory, the path that is rendered in the source output has the characters %20 for spaces. For example, C:\testdirectory\flat file.txt is rendered as C:\\testdirectory\\flat%20file.txt. This behavior happens for flat file and complex files.
BDM-31416	On the Spark engine, writing to a Hive ACID target and using "Retain" target schema strategy / advanced properties, mappings fail with the following error: java.io.IOException: No service instances found in registry

Enterprise Data Catalog Fixed Limitations (10.4.0.2)

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

The following table describes fixed limitations:

Bug	Description
EIC-28035	The following error message appears when you configure the Informatica Cluster Service: Enter a fully qualified host name. The message appears when you include a hyphen (-) character in the Hadoop Gateway Host property.
EIC-26632	The Informatica Platform resource metadata extraction fails for the following target versions because of the new scanner binaries: <ul style="list-style-type: none"> - 10.0 - 10.1 - 10.1.1 - 10.2 HF1
EIC-26044	When you run a profile on XML files for the HDFS resource, the Data Transformation Manager stops with an out of memory exception.

Enterprise Data Preparation Fixed Limitations (10.4.0.2)

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

The following table describes fixed limitations:

Bug	Description
IDL-16027	Enterprise Data Preparation does not prepare data if the JSON file contains an empty array.
IDL-16026	Enterprise Data Preparation does not preview data if the JSON file contains an empty struct object type.
IDL-15788	Enterprise Data Preparation does not trigger high priority profiling for the published files.
IDL-15770	Data preview of parquet file fails in Hortonworks 3.1 due to incorrect name node URI.

Web Services Fixed Limitations (10.4.0.2)

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

The following table describes fixed limitations:

Bug	Description
OCON-24261	When you query the URL with a * special character, it is encoded as %2A.

Third-Party Fixed Limitations (10.4.0.2)

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

The following table describes fixed limitations:

Bug	Description
BDM-29396	Spark mappings with very high concurrency fail with an error like: <code>java.lang.RuntimeException: java.io.IOException: java.lang.reflect.UndeclaredThrowableException</code> Cloudera ticket number: 621563.
BDM-27557	A mapping that runs using Spark on a Kerberos-enabled cluster with high availability enabled for KMS fails with the following error: <code>javax.security.auth.login.LoginException: No password provided</code> This issue occurred because the KMS delegation token contained only one host token of the highly available KMS hosts, instead of tokens for all KMS hosts as required. Third party ticket: HAD00P-14441

10.4.0.2 Known Limitations

Data Engineering Integration Known Limitations (10.4.0.2)

The following table describes known limitations:

Bug	Description
BDM-32577	When the Spark engine runs a mapping, the mapping fails to write to the target when the following conditions are true: <ul style="list-style-type: none">- The mapping reads from a binary complex file data object.- The mapping writes to a flat file target.- The mapping uses Kerberos authentication.- The mapping runs on HDP 3.1.5 or HDI 3.6 ADLS Gen 1 clusters.
BDM-28678	Joiner and Lookup mappings time out and fail when all of the following conditions are true: <ul style="list-style-type: none">- The mapping has a flat file source.- The mapping includes a Joiner or Lookup transformation.- The mapping is configured to use Azure HDInsight version 4.0. The failure occurs when the Spark engine uses the broadcast join method on a mapping that should not use broadcasting. Workaround: Disable broadcasting. In the mapping run-time properties, set the Hadoop execution environment runtime property <code>spark.sql.autoBroadcastJoinThreshold</code> to -1.

Data Engineering Streaming Known Limitations (10.4.0.2)

The following table describes known limitations:

Bug	Description
IIS-4596	Data loss happens when you run JMS mappings on highly available clusters. Data loss also happens for monitoring statistics when you run mappings on highly available clusters.
IIS-4391	When you run a streaming mapping with an Amazon S3 target, mappings might fail on CDH 5.16 clusters.

10.4.0.1 Fixed Limitations and Closed Enhancements

Data Engineering Integration Fixed Limitations (10.4.0.1)

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

The following table describes fixed limitations:

Bug	Description
OCON-16421	<p>When you run a mapping in the native environment to write data to a Hive target, the mapping runs successfully. However, the session log displays the following error:</p> <pre>java.lang.ArrayIndexOutOfBoundsException</pre>
BDM-31354	<p>When the Spark engine runs a mapping, Hive LDAP authentication fails if the following conditions are all true:</p> <ul style="list-style-type: none">- The mapping includes a HiveServer2 job.- The mapping runs on a cluster that does not use Kerberos.- An impersonation user is not specified in the Hadoop connection. <p>After Hive LDAP authentication fails, the mapping fails with the following error:</p> <pre>SEVERE: Error in connecting to HiveServer2; Exception Class: [java.sql.SQLException] Exception Message: [Could not open client transport with JDBC Uri: jdbc:hive2:// emblazeseb01.informatica.com:10000/ default;saslQop=auth: Peer indicated failure: Error validating the login]</pre>
BDM-30923	<p>The Developer tool does not validate the default value for an output port in an Input transformation.</p>
BDM-30914	<p>Unable to refresh the cluster configuration after upgrading to 10.4.0. The following error occurs:</p> <pre>[DISTRES 10002] version [6.1] is not supported for hadoop distribution [CLUDERA] in this release. Select from the following available distribution versions :[6.1 (Default), 5.15]</pre> <p>Note: this issue occurs only when the cluster configuration distribution version in the previous release was <i>not</i> marked as default (for example, 6.1). Then, in 10.4.0, the same distribution was marked as default (for example, 6.1 (Default)).</p>
BDM-30632	<p>On the Spark engine, mappings with a reusable mapplet and unused ports take a long time to complete. For example, a mapping with a mapplet, where all input ports are not connected, can take much longer to run than a mapping where all ports are connected.</p>

Bug	Description
BDM-30203	The Developer tool fails to validate email addresses if the domain name contains "-".
BDM-30008	If you select the target schema strategy FAIL - Fail mapping if target schema is different and truncate the target Hive table but the target schema from the mapping flow is the same as the schema of the target table, the Spark engine appends data to the target instead of truncating the target table.
BDM-29441	Mappings configured to run using Blaze LLAP fail with "Table not found" error because the Blaze engine does not support LLAP.
BDM-29197	<p>You cannot use node labels when configuring the connection to Hortonworks HDP 3.1 to use Blaze. Mappings fail with an error like:</p> <pre>SEVERE: [CAL_API_1] The Integration Service encountered an unexpected error condition: [java.lang.IllegalArgumentException: Node Label [n2] is not configured in the cluster</pre>
BDM-29037	Creating an SQL data service for a flat file data source in the Developer tool intermittently fails with null pointer exception.
BDM-27779	The data preview log file name does not include the mapping name with the transformation name.
BDM-25491 BDM-25490	When a mapping that runs on a Hortonworks HDP 3.1 cluster uses an Update Strategy transformation, and you enabled the Hive Warehouse Connector, the mapping writes incorrect data to rows marked with DD_INSERT.
BDM-23751	<p>When the Spark engine runs a mapping on Hortonworks HDP clusters, the mapping succeeds but truncating external Hive target tables on an HDFS encrypted zone fails with the following error:</p> <pre>WARN Hive: Directory hdfs:// XXXXXX71.sg.net.intra:8020/data/wm/ asia/lab/base/ice_enc/cr_agenda cannot be removed: java.io.IOException: Failed to move to trash: hdfs://XXXXXX71.sg.net.intra:8020/ data/wm/asia/lab/base/ice_enc/cr_agenda/ part-00000-7d47cef0-e092-4f12-9922- e46d88efe588-c000</pre>

Data Engineering Streaming Fixed Limitations (10.4.0.1)

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

The following table describes fixed limitations:

Bug	Description
IIS-4020	When the Spark engine writes to Amazon S3 target files, cleanup fails in Amazon EMR version 5.26.
IIS-4016	When the Spark engine writes to Amazon S3 target files, the file rollover process fails in Cloudera CDH versions 6.2 and 6.3 with the following error: <code>java.lang.NoClassDefFoundError: org/apache/hadoop/tools/DistCp</code>

Domain Fixed Limitations (10.4.0.1)

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

The following table describes fixed limitations:

Bug	Description
PLAT-25796	When you create a Security subgroup in the Administrator tool and refresh the Administrator tool, the subgroup is not visible, and the following error message appears: "Groupname" cannot be found.

Enterprise Data Catalog Fixed Limitations and Closed Enhancements (10.4.0.1)

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

The following table describes fixed limitations:

Bug	Description
EIC-25828	Enterprise Data Catalog fails to display the complete lineage of assets that do not have a class type property set and the following error occurs: <code>ERROR [catalina-exec-198:CatalogAdviceV1@153] - The property does not exist as it has no key, value, or associated element</code>
EIC-24907	Enterprise Data Catalog stops unexpectedly after you delete a custom attribute from Catalog Administrator.
EIC-24672	The compact view displays incorrect asset count when there are repeated assets in the origins or destinations.
EIC-23700	The Oracle Data Integrator (ODI) resource does not extract metadata from assets that are referred to but not included in the resource.

Bug	Description
EIC-22265	Opening or saving a resource in Catalog Administrator takes more time than expected.
EIC-19425	The Select a Resource list does not display all the business glossary resources in the Add Business Title window.

The following table describes closed enhancement requests:

Bug	Description
EIC-24304	The IBM DataStage resource does not extract metadata from assets that are referred to but not included in the resource.

Profiles and Scorecards Fixed Limitations (10.4.0.1)

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

The following table describes fixed limitation:

Bug	Description
IDE-4436	In the Developer tool and Analyst tool, you cannot sort columns from the input variable list when you apply rules to the column profiles.

Third-Party Fixed Limitations (10.4.0.1)

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

The following table describes fixed limitations:

Bug	Description
EIC-24503	Enterprise Data Catalog does not display internal links from a view, and extract condition objects for an Erwin resource. MITI ticket reference numbers: INFAEDC-1176 and INFAEDC-1177
EIC-20542	Enterprise Data Catalog does not display the lineage for a PowerCenter resource if there is an error in the source SQL query for the resource. MITI ticket reference number: INFAEDC-1114

10.4.0.1 Known Limitations

Data Engineering Integration Known Limitations (10.4.0.1)

The following table describes known limitations:

Bug	Description
BDM-31589 BDM-31614 BDM-32010	When the path to the physical data object source includes spaces in the name of a file or directory, the path that is rendered in the source output has the characters %20 for spaces. For example, C:\testdirectory\flat file.txt is rendered as C:\\testdirectory\flat%20file.txt. This behavior happens for flat file and complex files.
BDM-31416	On the Spark engine, writing to a Hive ACID target and using "Retain" target schema strategy / advanced properties, mappings fail with the following error: java.io.IOException: No service instances found in registry
BDM-30691	When the Spark engine runs a flat file to flat file mapping that is configured with an Azure HDInsight 3.6 cluster and ADLS Gen2 storage, the mapping fails with the following error: <MappingCompiler-pool-4-thread-1> SEVERE: Data integration service failed to create DTM instance because of the following error: java.lang.RuntimeException: java.lang.RuntimeException: java.lang.NoSuchMethodError: org.apache.hadoop.fs.permission.FsPermission.toOctal()S

Data Engineering Streaming Known Limitations (10.4.0.1)

The following table describes known limitations:

Bug	Description
IIS-4278	When you run mappings on Amazon EMR with Kerberos authentication in an SSL cluster, you can only view the monitoring statistics with a secured YARN ResourceManager HTTPS URL.
IIS-4232	When JMS mappings run on Spark version 2.4 and above, the mappings fail.
IIS-4228	When you connect the Window port from a Window transformation downstream to an Aggregator transformation or a Joiner transformation, the Developer tool does not display a validation message.
IIS-4118	The authentication on IBM MQ fails for the mappings with JMS as source. With 10.4.0.1, this is only applicable for HDInsights.

Enterprise Data Catalog Known Limitations (10.4.0.1)

The following table describes known limitations:

Bug	Description
LDM-7762	Deploying Enterprise Data Catalog on an embedded cluster running on SuSE Linux Enterprise 12 fails. Workaround: To resolve the issue, create a soft link to the following command: <code>/usr/pgsql-9.6/bin/postgresql96-setup initdb</code>
EIC-26655	Enterprise Data Catalog displays incomplete lineage and impact information in the Compact view for a tabular asset that contains public synonyms.
EIC-26636	After you run an Informatica Data Quality resource to extract the profile results, Catalog Administrator does not display associated resource reference objects in the Reference Resources section.
EIC-26632	The Informatica Platform resource metadata extraction fails for the following target versions because of the new scanner binaries: <ul style="list-style-type: none">- 10.0- 10.1- 10.1.1- 10.2 HF1
EIC-26492	Metadata fetch fails for parquet files with <code>java.lang.UnsupportedOperationException</code> error on the HDFS resource.
EIC-26478	Metadata fetch fails with <code>Failed to read input file: >>>NEED_WHOLE_FILE</code> error if the parquet file size exceeds 15 MB.
EIC-26281	The Catalog Service fails with the following error for an Oracle resource when the resource and database share the same name: <code>java.lang.IllegalStateException</code>
EIC-26266	When you drill down on a seed asset to display the child assets in the lineage and impact view, Enterprise Data Catalog displays incomplete lineage and impact information. This issue occurs for a non-administrator user that does not have the required permissions to view the assets.
EIC-26187	You might not view all the intermediate assets in the lineage and impact view when you use the sliders to expand the view. Workaround: Click the plus sign that appears when you hover over the indirect link.
EIC-26182	The Apache Kafka resource takes 26 seconds to determine the schema when the sampling size is more than 30 messages.
EIC-26052	Deleting an Informatica Data Quality resource fails with an <code>OutOfMemory</code> error. Workaround: Increase the value of the <code>executor-memory</code> parameter in Enterprise Data Catalog to configure more memory for the spark executor. See the Tuning Enterprise Data Catalog Performance in 10.4.0 document for more information.
EIC-26044	When you run a profile on XML files for the HDFS resource, the Data Transformation Manager stops with an out of memory exception.
EIC-25995	The column level lineage is broken for an Apache Kafka resource, when you extract metadata from topics that contain hierarchical JSON messages related to streaming mappings.

Bug	Description
EIC-25994	The column level lineage is broken for an Apache Kafka resource, when you extract metadata from topics that contain hierarchical XML messages related to streaming mappings.
EIC-25837	The lineage displayed for the Qlik Sense resource is incorrect when a column name in the Qlik Sense data source contains a slash (/).
EIC-20981	Profile run fails on the Spark engine if a source table name or column name contains special characters.

Profiles and Scorecards Known Limitations (10.4.0.1)

The following table describes known limitations:

Bug	Description
IDE-4501	You cannot drill down a scorecard after you run a profile on the Spark engine. Workaround: Select all the columns and rules to the scorecard.
IDE-4486	When you run a column profile on the Hive data source on the Spark engine, the empty columns are displayed as null values in the profile results.

Third-Party Known Limitations (10.4.0.1)

The following table describes third-party known limitations:

Bug	Description
IIS-4126	When you create a Databricks Delta table in a streaming mapping, the Databricks Delta target does not support data type cast for float, boolean, date, smallint, and tinyint data types. Workaround: When you create a Databricks Delta table, use the following data types: <ul style="list-style-type: none"> - double (for float data type) - integer (for boolean, smallint, and tinyint data types) - timestamp (for date data type)
EIC-26077	Connection Assignment fails for the Qlik View resource as the connection name for the resource is changed. MITI ticket reference number: INFAEDC-1273
EIC-25554	Lineage of the Qlik Sense resource in Enterprise Data Catalog is incomplete when you use the global dimension of the drill-down type. MITI ticket reference number: INFAEDC-1261

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