



Informatica[®] Multidomain MDM
10.3

Release Notes

Informatica Multidomain MDM Release Notes

10.3

September 2018

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Publication Date: 2019-01-03

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Introduction

The *Informatica Multidomain MDM Release Notes* provide important information about known limitations of the release. Read this document carefully before you install Informatica® Multidomain MDM.

CHAPTER 1

Multidomain MDM Version 10.3

Multidomain MDM 10.3 is the latest release in the version 10.x code line.

This release includes the following items:

- New features as described in the *Multidomain MDM Release Guide*.
- All fixed issues, features, and changed behaviors that were released in versions 10.2 and 10.2 HotFix 1.
- All fixed issues, features, and changed behaviors that were released in versions 10.1 through 10.1 HotFix 5.
- All fixed issues, features, and changed behaviors that were released in versions 10.0 through 10.0 HotFix 5.

This release does not include the following items:

- All fixed issues, features, and changed behaviors that were released in 10.1 HotFix 6.
- Some fixed issues, features, and changed behaviors that were released in 10.2 HotFix 2.
- Some fixed issues, features, and changed behaviors that were released in EBFs on any version.

The issues that were not integrated into this release are documented as known limitations. See [“Known Limitations” on page 25](#).

Important: All future HotFix or Emergency Bug Fix releases require that at least version 10.3 is installed.

CHAPTER 2

Installation and Upgrade

Multidomain MDM has some known limitations related to installing and upgrading the product. Before you begin, review these issues.

Before You Install or Upgrade

Some known limitations can affect your install or upgrade experience. To avoid potential issues, ensure that you review the following issues and complete any workarounds before you upgrade. Then review the environment-specific installation and upgrade issues.

Install Java Runtime Environment

If you use Oracle Java runtime environment (JRE), install JRE 1.8, update 144 or later on the machines on which you want to launch the Hub Console. JRE 1.8, update 144 or later is required for the Batch Viewer in the Hub Console.

(MDM-18910)

Update Subject Area Names Before You Upgrade

Verify that no subject area name begins with a number. If any subject area name begins with a number, change the name so that it begins with an alphabetic character. If a subject area name begins with a number, the business entity configuration generated by the MDM Hub causes Repository Manager validation errors. If you do not generate a business entity configuration, you can continue to use subject area names that begin with a number. (HORA-51906)

Hub Server Installation in Non-English Environments

When you install the MDM Hub in a language other than English, and you use JDK 1.8 or later, the Hub Server installer fails to launch.

Workaround: To launch the installer, open a command prompt, navigate to the Hub Server installation directory, and enter the following command:

```
hub_install.exe -l <language code>
```

Where <language code> is your preferred language. Use the language code for one of the following languages:

Language	Language Code
Brazilian Portuguese	pt_BR
French	fr
German	de
Japanese	ja
Korean	ko
Russian	ru
Simplified Chinese	zh_CN
Spanish	es

(MDM-14224)

Hub Server Installation Without Prerequisites Validation

When you run the Hub Server installer without the prerequisites validation, the database password prompt requires a dummy value.

1. To start the Hub Server installer without the prerequisites validation, run the following command:

```
hub_install.bin -DSIPERIAN_INSTALL_PREREQ_VALIDATION=false
```

2. When prompted for the database password, enter a dummy value.

The installation continues. If you do not specify a dummy value, the installation fails. (MDM-10975)

Upgrade Installation for Entity 360 View

When you upgrade Hub Server, the `entity360view.ear` sometimes fails to install due to a timed out error.

Workaround: You can run the installation components `patchInstallSetup` or `postInstallSetup` again.

Alternatively, run the following command from the <MDM Hub installation directory>/hub/server/bin folder:

```
./sip_ant.sh -Dentity360view.ear.dodeploy=true deploy.entity360view-ear
```

(HORA-52008)

Apple Single Sign-On is Not Supported

Informatica Data Director does not work with Apple SSO in this version of Informatica MDM Multidomain Edition. (MDM-6906)

IBM Environments

The following issues affect Multidomain MDM when installed with IBM AIX, IBM DB2, or IBM WebSphere.

Installing MDM Multidomain Edition in a JBoss Environment on the IBM AIX Operating System

There are known issues with MDM Multidomain Edition in a JBoss environment on the IBM AIX operating system. If you use this combination in your environment, contact Informatica Global Customer Support before you install MDM Multidomain Edition.

(MDM-8661)

Hub Server Upgrade from Version 10.1 HotFix 2 in IBM AIX Environments

When you upgrade the Hub Server from version 10.1 HotFix 2 on IBM AIX environments, the `entity360view.ear` file fails to deploy.

Workaround: Manually run the `patchInstallSetup.sh` script. For more information about running the script, see the *Multidomain MDM Upgrade Guide*.

(MDM-14777)

Embedded ActiveVOS Upgrade in IBM DB2 Environments

In IBM DB2 environments, before you upgrade, add the ActiveVOS database connection properties to the `build.properties` file in `<MDM Hub installation directory>/hub/server/bin`.

The following sample shows the ActiveVOS database connection properties with sample entries:

```
activevos.db.type=db2
activevos.db.server=localhost
activevos.db.port=50000
activevos.db.user=AVOS
activevos.db.dbname=INFA102
activevos.db.schemaname=AVOS
activevos.db.jdbc.url=jdbc:db2://localhost:50000/INFA102
activevos.b4p.url=http://localhost:9080/active-bpel/services/AeB4PTaskClient-
taskOperations
```

(MDM-13104)

Enable Match Population On IBM DB2

After you install the Process Server in an IBM DB2 environment, you must enable the match population to use for the match rules. To enable match populations, contact Informatica Global Customer Support.

(HORA-52288)

Upgrade in WebSphere IBM DB2 Environments Running Java 8

After you upgrade the MDM Hub in WebSphere IBM DB2 environments running Java 8, the Hub Console does not launch.

Workaround: Use Java 7 on the client machines.

(MDM-12036)

ActiveVOS Installation in WebSphere Cluster Environments

When you install embedded ActiveVOS in a WebSphere cluster environment, you cannot connect to the MDM identity service provider in the ActiveVOS Console.

Workaround: Perform the following steps after you install the Hub Server, embedded ActiveVOS, and the Process Server:

1. In the ActiveVOS `install.properties` file set `install.web.application` to `false`.
2. In the `deployer.xml` file in the ActiveVOS installation directory, comment out the following code:

```
<!-- <target name="deploy.resources"
depends="deploy.timer.manager,deploy.work.manager"/>
<target name="deploy.timer.manager">
<echo message="$
{basedir}"/>

<run.wsadmin script="${basedir}
/scripts/timermanager.jacl"/>
</target>
<target name="deploy.work.manager">
<run.wsadmin script="$
{basedir}/scripts/workmanager.jacl"/>

<run.wsadmin script="${basedir}
/scripts/systemworkmanager.jacl"/>
</target>
<target name="deploy.jaas">
<run.wsadmin script="$
{basedir}/scripts/jaaslogin.jacl"/>

</target>

<target name="deploy.apps">

<run.wsadmin script="${basedir}
/scripts/installapp.jacl"/>
</target> -->
```

3. In the `<MDM installation directory>/hub/server/bin` directory, run the following commands:

```
sip_ant.bat deploy_mdm_identity_resolution
sip_ant.bat deploy_avos_server
```

4. Deploy the ActiveVOS EAR files. For information about deploying EAR files, see the *Multidomain MDM Installation Guide*.

(MDM-13269)

Process Server Installation on WebSphere version 8.5.5.9 in a Linux Environment

When you deploy the Process Server EAR files, the following error can occur:

```
Too many open files. Unable to start cleanse ear.
```

Workaround: Increase the value of the `ulimit` parameter in Linux.

(MDM-13618)

Process Server Installation and Upgrade

If you install or upgrade the MDM Multidomain Edition for IBM DB2 on WebSphere in a Linux environment, the `postInstallSetup` script might fail with the `javax.management.MBeanException` error.

Perform the following tasks when the `postInstallSetup` script fails:

- ▶ Stop and start WebSphere.
The Process Server starts up.
(MDM-10850)

Oracle Environments

The following issues affect Multidomain MDM when installed with Oracle database or Oracle WebLogic.

Oracle Database 12.2 or later

Multidomain MDM does not support OJDBC 8, which ships with Oracle Database 12.2.

Workaround: Before you install Multidomain MDM, replace OJDBC 8 with OJDBC 7.

1. From the Oracle website, download the `OJDBC7.jar` file.
2. Save the `OJDBC7.jar` file in the following Oracle directory: `<Oracle installation directory>/12.2/client64/lib`
3. Navigate to the following directory: `<MDM Hub installation directory>/database/bin`
4. Open the `sip_ant` script for your operating system and add the following properties:

```
-Doracle.net.crypto_checksum_client=REQUIRED  
-Doracle.net.crypto_checksum_types_client=SHA
```
5. Navigate to the following directory: `<MDM Hub installation directory>/database/bin/oracle`
6. Open the `database.xml` file and add the following elements:

```
<sysproperty key="oracle.net.crypto_checksum_client" value="REQUIRED"/>  
<sysproperty key="oracle.net.crypto_checksum_types_client" value="SHA1"/>
```
7. Install Multidomain MDM.

(MDM-23437)

Disable WebLogic Server Authentication

The MDM Hub uses HTTP basic authentication for which you must disable WebLogic Server authentication. To disable WebLogic Server authentication, edit the `config.xml` file.

1. Navigate to the following WebLogic directory:
`<WebLogic installation directory>/user_projects/domains/<user domain>/config`
2. Open the `config.xml` file in a text editor.
3. Add the following element within the `<security-configuration>` element:

```
<enforce-valid-basic-auth-credentials>  
  false  
</enforce-valid-basic-auth-credentials>
```

Hub Server Installation in Console Mode in Oracle Environments

When you install the Hub Server in console mode in an Oracle environment, the pre-installation summary has missing details. If you choose not to install Informatica Platform, a blank appears instead of the word "No" under the Install Informatica Platform heading of the summary. (HORA-51944)

Hub Server Upgrade from Version 9.7.1 in Oracle and JBoss Environments

When you upgrade from version 9.7.1, the upgrade fails during the creation of a data source for ActiveVOS.

Workaround: Open the `<JBoss installation directory>/standalone/configuration/standalone-full.xml` file and enter comments around the lines of code that specify the ActiveVOS data source and JDBC driver. (MDM-8616)

Upgrade from Version 9.5.1 in Oracle Environments

When you upgrade the Hub Server from version 9.5.1 in an Oracle environment, the upgrade completes successfully, but the following error appears in the log:

```
19:26:22,012 INFO ImporterRole:44 - ddl: CREATE ROLE PROXY_ROLE ORA-01031: privileges insufficient
```

You can safely ignore this error. (HORA-51980)

Oracle WebLogic 12.2.1.3 or later

When you use Oracle WebLogic version 12.2.1.3 with Multidomain MDM version 10.3, the following additional steps are required to address some known limitations.

Apply a patch to WebLogic 12.2.1.3 or later

Ensure that your WebLogic 12.2.1.3 environment includes the following patch:

`p26923558_122130_Generic.zip` (MDM-18967)

Configure the Java Virtual Machines for WebLogic 12.2.1.3 or later

To configure a Java Virtual Machine (JVM), set the Java options by using the `JAVA_OPTIONS` environment variable.

You can set the Java options in the following file:

On UNIX. `<WebLogic domain>/bin/setDomainEnv.sh`

On Windows. `<WebLogic domain>\bin\setDomainEnv.cmd`

The following table describes the Java options:

Java Options	Description
<code>-Djavax.wsdl.factory.WSDLFactory</code>	Required to invoke a service WSDL that might have a default namespace prefix. Set to the following value: <code>com.ibm.wsdl.factory.WSDLFactoryImpl</code>
<code>-DANTLR_USE_DIRECT_CLASS_LOADING</code>	Required to launch the WebLogic Server on which the MDM Hub is deployed. Set to <code>true</code> .

Update the Hub Server build properties

Edit the Hub Server build.properties file to set the following property:

```
weblogic.version=10.x
```

(MDM-22366)

Deploy the Resource Kit .ear files

If you install the Resource Kit, the .ear files are not deployed automatically. You need to edit the classpath in the sip_ant script, run the post installation script, and deploy the .ear files from the WebLogic Administration Console.

Note: The following example procedure refers to .sh files and uses the syntax for a UNIX system.

1. If the post installation fails, navigate to the following directory:

```
<MDM Hub installation directory>/hub/server/resourcekit/bin
```

2. Open the sip_ant.sh file.

3. Find the following text and delete \$WLS_CLASSPATH :

```
$JAVA_HOME/jre/bin/java \  
$USER_INSTALL_PROP \  
-Xmx512m -classpath \  
$SIP_HOME/deploy/lib/ant.jar:$SIP_HOME/deploy/lib/ant-launcher.jar:$SIP_HOME/  
deploy/lib/ant-nodeps.jar:$WLS_CLASSPATH  
\  
org.apache.tools.ant.Main \  
$PARAM
```

4. Save the file.

5. Run ./postinstall.sh -Dweblogic.password=<password>.

The process saves the generated .ear files in the following location: <MDM Hub installation directory>/hub/server/resourcekit/bin/deploy/deployed_ears.

6. Open the WebLogic Administration Console and deploy the generated .ear files.

(MDM-22847)

Hub Server Installation on WebLogic Server 12.1.3

When you install WebLogic Server 12.1.3, ensure that you use JDK 8 update 20.

If you want to install the Hub Server on WebLogic Server 12.1.3, consider one of the following installation options:

- Install the Hub Server on the disk drive on which WebLogic Server 12.1.3 is installed.
- Install the Hub Server and WebLogic Server 12.1.3 on different disk drives but create a symbolic link on the Hub Server installation disk drive that contains a reference to the WebLogic Server 12.1.3 installation disk drive.

If you choose to install the Hub Server on a different disk drive than that of WebLogic Server 12.1.3, the postInstallSetup and patchInstallSetup scripts fail.

(MDM-8032)

(MDM-12784)

Hub Server Post-Installation Task on WebLogic Clusters

If you install the Hub Server on a WebLogic cluster environment with deployments only on Managed Servers, manually create datasources after the installation. (MDM-10636)

Run the PostInstallSetup Script in Non-English Oracle and JBoss Environments

When you install in a locale other than English in an Oracle and JBoss environment, the `postInstallSetup` script does not run during the installation process.

Workaround: Run the `postInstallSetup` script after the installation to deploy the EAR files. For more information, see the *Multidomain MDM Installation Guide*. (MDM-8731)

JBoss Environments

The following issues affect Multidomain MDM when installed with JBoss and any database environment.

Hub Server Installation in JBoss Environments

When you deploy the Hub Server EAR files in a JBoss environment, the deployment might fail with the exception `concurrent.RejectedExecutionException`.

Workaround: Increase the length of the task queue in the `standalone-full.xml` file. The following sample shows the `queue-length count` parameter to modify:

```
<long-running-threads>
  <core-threads count="50"/>
  <queue-length count="300"/>
  <max-threads count="50"/>
  <keepalive-time time="10" unit="seconds"/>
</long-running-threads>
```

(MDM-13340)

Registering an Operational Reference Store on JBoss Clusters

In a JBoss cluster environment, to be able to register Operational Reference Stores, configure the `<datasources>` definition in the `standalone-full.xml` file.

1. Open the `standalone-full.xml` file, which is in the following directory:

```
<JBoss Installation Directory>/standalone/configuration
```

2. Configure the `<datasources>` definition and save the changes.

(MDM-10952)

HP-UX, Linux, and Solaris Environments

The following issues affect Multidomain MDM when installed on the HP-UX, Linux, or Solaris operating systems.

Informatica Platform support in Solaris and HP-UX Environments

You cannot use MDM Multidomain Edition with Informatica platform in Solaris and HP-UX environments. (MDM-14971)

Hub Server Installation on HP-UX

When you install the Hub Server in an HP-UX environment, the `postInstallSetup` script fails.

Workaround: After the installation fails, run the `postinstallsetup` script manually. Alternatively, when prompted to run the `postinstallsetup` script during the installation process, choose to run the `postInstallSetup` script later. Later, run the `postinstallsetup` script manually. (MDM-11092)

Resource Kit Installation in Silent Mode

A silent installation of the Resource Kit fails in a Linux environment.

Workaround: Install the Resource Kit in graphical mode or console mode. (MDM-10803)

After You Install or Upgrade

Some known limitations can affect your install or upgrade experience. To avoid potential issues, ensure that you review the following issues and complete any workarounds after you upgrade.

Upgrading the Operational Reference Store

When you upgrade the Operational Reference Store, the upgrade is successful but the following error appears in the `sip_ant` log:

```
[exec] CREATE SEQUENCE "C_REPOS_ZDT_EVENT_SEQ" MINVALUE 1 MAXVALUE 9999999999999999
        INCREMENT BY 1 START WITH 1 CACHE 20 NOORDER CYCLE
[exec] *
[exec] ERROR at line 1:
[exec] ORA-00955: name is already used by an existing object
[exec]
```

Workaround: You can safely ignore the error.

(MDM-14070)

Change List Promotion

To promote a change list to an empty Operational Reference Store, the match column length that the MDM Hub adds to the external match input table must not exceed 4000. The match column length is the sum of the lengths of all base object columns that are sources of the match column and the number of source columns.

The change list promotion fails with the following error if the total length of the match column is greater than 4000:

```
ORA-00910: specified length too long for its datatype
```

(HORA-52116)

Process Server Properties for Smart Search

After you upgrade the MDM Hub, by default, the `<MDM Hub installation directory>\hub\cleanse\resources\cmxcleanse.properties` file does not include the following Process Server properties for smart search:

cmx.ss.enabled

Indicates whether to enable smart search. Set to `true` if you want to enable smart search. Set to `false` if you want to disable smart search.

zookeeper.tickTime

Length of a single tick, in milliseconds. ZooKeeper uses tick as the basic time unit to regulate timeouts. Default is 2000 ms.

search.provisioning.maxshards

Optional. Indicates the maximum number of copies of data that can be created on a single Apache Solr instance when you index the search data. Default is 1.

To work around the issue, manually add the properties to the `cmxcleanse.properties` file.

For more information about configuring smart search, see the *Informatica MDM Multidomain Edition Configuration Guide*. (HORA-51676)

URI Encoding for Smart Search

After you upgrade the MDM Hub, set URI encoding to UTF-8 to ensure smart search works correctly.

For more information about how to configure Java Virtual Machines, see the *Informatica MDM Multidomain Edition Installation Guide*.

(MDM-16058)

Updating a Localized Schema

If the pre-upgrade schema includes localized lookup tables, you might see validation errors after you upgrade.

For lookup tables that were localized in version 10.2.x, the metadata validation process generates the following types of errors:

```
SIP-MV-22000 The name attribute for DB bundle [<lookup table name>.dbBundleMapping] is not defined in the configuration
```

Workaround:

1. Download the `dbBundleConfig.xml` file from the `C_REPOS_CO_CS_CONFIG` repository table.
2. In the `dbBundleConfig.xml` file, and copy the `name=<lookup table name>` parameter from the bundle element to the mapping element.

For example, the following snippet shows the edited mapping elements:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<dbBundleConfiguration xmlns="http://www.example.com/mdm/db-bundle-configuration">
<bundle name="LUCountry" hubObject="C_LU_COUNTRY_LCL">
<mapping name="LUCountry" keyColumn="COUNTRY_CD" countryColumn="COUNTRY_CODE"
languageColumn="LANGUAGE_CODE" valueColumn="LOCALIZED_STRING"/>
</bundle>
<bundle name="LUState" hubObject="C_LU_STATE_LCL">
<mapping name="LUState" keyColumn="STATE_CD" countryColumn="COUNTRY_CODE"
languageColumn="LANGUAGE_CODE" valueColumn="LOCALIZED_STRING"/>
</bundle>
```



```
<bundle name="LUCountry.LUState" hubObject="C_LU_STATE_LCL">
  <mapping name="LUCountry.LUState" keyColumn="STATE_CD" countryColumn="COUNTRY_CODE"
  languageColumn="LANGUAGE_CODE" valueColumn="LOCALIZED_STRING"/>
</bundle>
</dbBundleConfiguration>
```

3. Upload the edited dbBundleConfig.xml file to the C_REPOS_CO_CS_CONFIG repository table.
 4. Run the metadata validation.
- (MDM-21752)

Multidomain MDM Hosted on Amazon Web Services

If Informatica Cloud Hosting Services manages your instance of Multidomain MDM on Amazon Web Services (AWS), ensure that you review the following issue.

ActiveVOS MultiTenant Mode (MDM Multidomain Edition on Amazon Web Services)

When Informatica Cloud Hosting Services manages your instance of MDM Multidomain Edition on AWS, the URLs include a customer identifier. ActiveVOS multitenant feature has a limitation with respect to the URL change.

Workaround: Use the BE ActiveVOS workflow adapter and add users to the TenantGroup role.

(MDM-15600)

CHAPTER 3

Version 10.3

This chapter includes the following topics:

- [Fixed Limitations, 18](#)
- [Closed Enhancement Requests, 24](#)
- [Known Limitations, 25](#)

Fixed Limitations

MDM Hub Fixed Limitations (10.3)

The following table describes fixed limitations:

Reference Number	Description
MDM-21652	Fixed a security issue.
MDM-21398	By default, a Put or Cleanse Put call applies BVT calculations to all fields in a record instead of the fields specified in the SIF request.
MDM-20972	After you delete a XREF record, the HMRG table is not correctly updated, which causes an Unmerge Failure.
MDM-20854	In an IBM DB2 environment, when you enable the Hierarchy Manager, the creation of the hierarchy entity objects fails with a DB2 error.
MDM-20068	After you unmerge a parent record, the foreign key column in a parent-child relationship table is updated to point to the ROWID_XREF for the child record instead of the ROWID_OBJECT for the child record. The issue occurs when a child record has multiple cross-reference records that point to the ROWID_XREF of the parent record.
MDM-19967	When you promote changes in the Hub Console, the promote process is slower than expected.
MDM-19739	In an IBM DB2 environment, when you run an external match, the match fails with a DB2 error.
MDM-19684	When a long <code>auth_payload</code> value is generated and a line feed is included, an error occurs when you use the <code>auth_payload</code> value in a custom login provider.

Reference Number	Description
MDM-19681	Null values are not written to the base object record even when the following conditions are met: <ul style="list-style-type: none"> - The Allow Null Update property is enabled for a staging table column. - A null value is the most trusted value in the staging table column.
MDM-19658	When you run a stage job with delta detection enabled on specific staging table columns, all the records might not be written to the RAW table. Records with null values in the columns that are mapped to the PKEY_SRC_OBJECT staging table column are skipped.
MDM-19651	In an IBM DB2 environment, when you drop base object columns, the performance is poor.
MDM-19650	In an IBM DB2 environment, when you drop base object columns, the performance is poor.
MDM-19645	In the Hub Console, when you use the Enterprise Manager or the Repository Manager, a null pointer exception is generated when fetching roles.
MDM-19643	The Parse Float data conversion cleanse function fails to convert numeric string data to the float data type.
MDM-19644	When a message trigger is enabled for the Delete BO data event and the Delete XREF data event, during a soft delete batch load operation, messages are not generated.
MDM-19174	When you configure the MDM Hub column properties, if you save the column configuration of a non-nullable column without specifying a default value, the MDM Hub does not generate a validation error.
MDM-19051	In the infrastructure version of WebLogic 12.2.1.3.0, deployment of the <code>siperian-mrm.ear</code> file fails with the following error: <pre>weblogic.management.DeploymentException: java.lang.IncompatibleClassChangeError: Implementing class</pre>
MDM-18948	When a load process inserts records into a relationship base object, the parent records might not be marked dirty. The issue occurs where the parent base object has match columns based on the child base object. The load process does not insert the ROWID_OBJECT value of the record into the dirty table associated with the base object.
MDM-18785	In smart search, if you use a multiple word search term, records that are missing one word are omitted from the search results.
MDM-18372 and MDM-18435	In the Hub Console login page, when an incorrect user name or password is entered, the following unclear error message appears: <pre>SIP-09070: SIP-18017: Error occurred during user authentication, error was {0} java.lang.NullPointerException</pre>
MDM-18354	In an IBM DB2 environment, when you drop more than three base object columns, the transaction might time out.
MDM-18327	When you update multiple cross-reference records associated with one base object, only one cross-reference record is passed to the post load user exit.
MDM-17881	When you use invalid user credentials to log in to the Hub Console or to authenticate with SIF, a null pointer exception occurs.

Reference Number	Description
MDM-17367	When you initialize the server cache with localhost, you are not warned that using localhost causes cache-related performance issues in clustered appserver environments.
MDM-16433	Null values are not written to the base object record even when the following conditions are met: <ul style="list-style-type: none"> - The Allow Null Update property is enabled for a staging table column. - A null value is the most trusted value in the staging table column.
MDM-8723	When you install ActiveVOS during the Hub Server installation in console mode, incorrect prompts appear when you select the Service connection type.
MDM-6187	The MDM Hub does not store the match score from ssaName3 in the MTCH table.

Data Director Fixed Limitations (10.3)

The following table describes fixed limitations:

Reference Number	Description
MDM-21160	After you open a task, you cannot see updated data.
MDM-20965	When a package contains a join to a second package, a query on the first package fails.
MDM-20888	Fixed a security issue.
MDM-20752	You cannot change the default calendar format used in the History view.
MDM-20664	Task actions are disabled for users with uppercase user names.
MDM-20162	A business entity is not generated successfully from a subject area group.
MDM-19984	In the Query panel, the first tab appears in English instead of the selected UI language.
MDM-19851	When you add a hyperlink that contains the @ character, Data Director parses the text incorrectly and saves an incorrect hyperlink.
MDM-19849	In the Data view, when you use the Find Duplicates option, the performance is slower than expected.
MDM-19845	A search package returns incorrect child records for a selected effective period. The issue occurs under the following circumstances: <ul style="list-style-type: none"> - The search package that is configured for a subject area is a display package that joins parent and child base objects. - The parent and child base objects that the search package joins have timeline enabled.
MDM-19816	When you sort the search results and then export the sorted records, the exported CSV file contains duplicate records. If there is more than one table included in the search, you must include the local table name as a prefix to your sort column and specify the sort order (DESC ASC). For example, where the local table name is BO and you want to sort by the column LNAME in descending order, use the following format: <code><urn:sortCriteria>BO.LNAME DESC</urn:sortCriteria></code>

Reference Number	Description
MDM-19657	If you configure an additional workspace tab, the title of the tab might not display correctly.
MDM-19785	In environments with single sign-on authentication, users with a backslash (\) character in the user name cannot log in to Data Director.
MDM-19656	When case insensitive query search is enabled, the performance of the search query is poor.
MDM-19655	When you open the Provisioning tool in Microsoft Internet Explorer, you cannot publish your changes.
MDM-19647	If you log in through single sign-on (SSO), you cannot access the Task Manager.
MDM-19641	The History view displays incorrect data for a timeline-enabled base object record.
MDM-19640	When a subject area has multiple grandchild subject areas with the same name, the business entity schema that you generate fails with the SIP-MV-17006 and SIP-MV-17005 metadata validation errors.
MDM-19642	The merge preview creates too many cleanse requests for inline cleanse functions, which causes performance issues.
MDM-19636	The Hub Server properties <code>http-only</code> and <code>cookie-secure</code> do not work.
MDM-19368	When you log in, the dashboard displays a long title of all the subject areas that have tasks for the current user. Fix: To display a preferred default title, set the <code>cmx.server.override_orstitle</code> property to a preferred title in the <code>cmxserver.properties</code> file.
MDM-19176	A record with associated lookup fields does not open in the Cross-reference Records view.
MDM-19086	A business entity-to-business entity view transformation fails in a scenario with the following business entity view configurations: <ul style="list-style-type: none"> - The business entity view child node has a one-to-many relationship with the parent node. - The parent node is not a business entity view root node and has a one-to-one relationship with its parent.
MDM-19049	If you create a searchable lookup without a <code>rowid_object</code> column to define the relationship, the business entity schema does not generate the corresponding column for the Data Director application.
MDM-19021	When ActiveVOS is the workflow engine, if you try to filter many tasks that have the same due date, the filter fails.
MDM-18947	On the Export dialog box, the subject area name is not localized.
MDM-18822	When you open a data import result file in Microsoft Excel, multibyte characters are garbled.
MDM-18816	When you sort on a column that contains a lookup list with more than 40 values, the sort fails.
MDM-18794	When a REST API request for a record includes effective dates, a null pointer exception error might occur.
MDM-18679	When you run the Merge task, the performance of the merge task is slower than expected.

Reference Number	Description
MDM-18635	In Data Director applications with business entities, the Close icon is not visible in the user interface tabs.
MDM-18564	Lookup fields do not appear in the Matching Records view, and lookup fields list incorrect values in the History view and the Cross-reference Records view.
MDM-18522	If a subject area child has a one-to-one relationship with grandchild records, you cannot export all search results.
MDM-18497	If you make a Get API call to retrieve data in child records for effective dates that do not contain data, the request returns an error.
MDM-18434	When a lookup column with an alias is included in an advanced search query, the search result does not contain the value of the lookup field.
MDM-18415	If you do not have update privileges on a foreign key column in a parent base object, a Put request fails to update a column in a child base object.
MDM-18408	The Find Duplicates process returns some incorrect matches at the child record level.
MDM-18406	In the Data view, when you run a search query with a search condition that exceeds the length of the specified column, the query fails with the following error: <code>SIP-14150: Data access failure in searchQuery.</code>
MDM-18263	In the Hierarchy view, when a user without administrative privileges clicks More Details for a record, all the data that an administrative user can review might not appear. This issue occurs when sub-packages are used in the query package.
MDM-18212	If you try to approve a task with a child or grandchild that is not part of the subject area that the task is based on, the approval process fails with optimistic lock failure.
MDM-18211	When the page size for user preference is set to 0, search results do not appear.
MDM-18197	You cannot resize the Search page.
MDM-18175	A custom screen does not show up in Data Director.
MDM-18069	When the French locale is set up for the MDM Hub machines, JVMs, and the database, some number formats are not saved correctly. The following error might occur: <code>java.lang.NumberFormatException</code>
MDM-18067	When you update a record in the History view, long display names do not display correctly.
MDM-17965	When you update a record and then cancel the change, a null pointer exception might occur.
MDM-17783	When you create an unmerge task in Informatica Data Director, the unmerge operation fails with the following error: <code>com.informatica.mdm.api.unmerge.Unmerge: SIP-10228: No record found for the specified RecordKey</code>
MDM-17763	The Similar Records component is empty even though similar records exist.
MDM-17756	When you use ActiveVOS for workflow management, all task operations run slower than expected.

Reference Number	Description
MDM-17675	In the Matching Records view, the page navigation component is missing.
MDM-17203	When you perform a task action, such as Approve or Reject , you are required to add a comment.
MDM-17128	If you change the language using the Change Language option, the Log Out option does not appear in the selected language.
MDM-17038	Options in the New window do not display alphabetically.
MDM-17037	If there are many business entity types in the list for the Search box, some business entity types might not appear.
MDM-16931	In Internet Explorer, when you view records in the Business Entity view, the Edit and Delete icons do not appear for business entity reference fields.
MDM-16440	When you open the Task Details dialog box, add comments, and then reassign the task, your comments are not saved.
MDM-16146	When you perform a search, an error message appears over the search results. This issue occurs when a Data Director application uses LDAP to authenticate users.
MDM-13701	In the task inbox, the check boxes that appear beside tasks suggest that you can perform bulk task actions.

Provisioning Tool Fixed Limitations (10.3)

The following table describes fixed limitations:

Reference Number	Description
MDM-21116	When you convert subject areas to business entities, the generator cannot handle keywords as field names.
MDM-20895	When you configure a business entity with an external call, users cannot successfully create a record based on that business entity in Data Director.
MDM-19679	When you generate business entities from a subject area configuration, an error might occur in the following scenario: <ul style="list-style-type: none"> - Many-to-many relationships exist between business entities. - A relationship has a "From" node that is not a root node.
MDM-14443	An XML-to-Business-Entity transformation cannot map data from multiple XML nodes to a single object.

SIF API Fixed Limitations (10.3)

The following table describes fixed limitations:

Reference Number	Description
MDM-20884	Fixed a security issue.
MDM-19678	A Promote API call updates all fields in a record instead of updating only the fields in a pending cross-reference record specified in the SIF request. To specify that the MDM Hub only applies BVT calculation to fields that are part of the SIF request, set the <code>cmx.server.selective.bvt.enabled</code> property to <code>true</code> in the <code>cmxserver.properties</code> file.
MDM-19677	An <code>ExecuteBatchAutoMatchandMerge</code> API call does not return an error message even though errors are logged in the Hub Server log.
MDM-19653	In a JBoss environment, when you use the Services Integration Framework (SIF) to run the MDM Hub operations, an out of memory error might occur.
MDM-19639	A <code>CleansePut</code> API call does not update a child foreign key with the correct cross-reference record.
MDM-19635	A SIF API call that runs a multimerge batch job fails with the following error: <code>SIP-23038: Internal error. The SQL statement generated the SQL error ORA-12899: value too large for column</code>
MDM-18539	If you make an API call for versioning-enabled base objects that use XREF and base object tables, the request fails and generates an error.
MDM-18238	A <code>Cleanse</code> function call fails with an error.
MDM-18165	In a <code>PromotePendingXrefs</code> API call, when the <code>ROWID_XREF</code> value is used as the record identifier, the child subject area records are not promoted.
MDM-18154	When you use the <code>CleansePut</code> API call to add records, you cannot find the records using search.

Closed Enhancement Requests

MDM Hub Closed Enhancement Requests (10.3)

The following table describes closed enhancement requests:

Reference Number	Description
MDM-17859	Added support for the Oracle WebLogic T3S protocol. For information about setting up the protocol, see the <i>Multidomain MDM Security Guide</i> .
MDM-16652	You can view match scores in the External Match Output table.

Data Director Closed Enhancement Requests (10.3)

The following table describes closed enhancement requests:

Reference Number	Description
MDM-19515	In the views for subject areas, values are displayed in a fixed-width font and white space is preserved.
MDM-18280	To help you prioritize tasks, the task inbox in the Home page contains the following columns: <ul style="list-style-type: none">- Create date. Displays the date on which a task was created.- Owner. Displays the current owner of a task.
MDM-16819	In the Provisioning tool, you can make comments and attachments mandatory for a Data Director application.

Known Limitations

MDM Hub Known Limitations (10.3)

The following table describes known limitations:

Reference Number	Description
MDM-22756	If you run the Support Tool with the HTTPS protocol, when you navigate from the Match Analysis Tool to the CSM tab, an error occurs.
MDM-22777	After you customize search results to display lookup columns, and you run a search with no values on a package that contains the lookup columns, the lookup columns do not appear in the search results.
MDM-22691	After you run a match job that matches a parent record with a child record, the merge task in the ActiveVOS Console references the child record instead of the parent record.
MDM-22528	After you remove a parameter from a cleanse transformation mapping and apply the change, you cannot add a parameter to the mapping.
MDM-22255	When a message trigger is enabled for the Delete base object data event and the Delete XREF data event on child tables, during a soft delete batch load operation, messages are not generated.
MDM-22143	When you integrate Multidomain MDM 10.3 for IBM DB2 with Dynamic Data Masking 9.8.4, and then create a security rule set for DB2, the affected master data is not masked.
MDM-21986	Forward matching records are created during the Automerge process, which can cause the process to run slowly.
MDM-21984	When you use the MdmKeyStore class, a file descriptor leak causes FileNotFoundException errors.
MDM-21894	When you have both Auto and Manual match rules and the data matches both rules, the Match table contains duplicate entries.

Reference Number	Description
MDM-21644	After the automation tool is finished running, the tool retains a write lock on the schema.
MDM-21437	After you select a record as not a match in Data Director, when you run the Auto Match and Merge job with the Accept All Unmatched Rows as Unique option, the record that you marked as not a match has a consolidation indicator of 2 instead of 1.
MDM-21436	For custom queries, after you run a Load job with the Force Update option and a Revalidate job, the validation rule does not execute correctly.
MDM-21431	If you run a Multi Merge job on records where the trust has been downgraded for a field, and then you unmerge the resulting XREF record, the HIST table can contain a value for the field that is not present in the XREF record.
MDM-21426	When you have Auto and Manual match rules, if the data matches both types of rules, the Match table contains duplicate entries.
MDM-21394	After all the jobs in a batch group complete, the batch group status remains as <code>processing</code> .
MDM-21376	In an Oracle RAC database environment with the Zero Downtime feature, the extract process generates an Oracle Golden Gate error.
MDM-21351	When you run <code>CreateUsers.cmd</code> with a user name in mixed case, the user is stored in mixed case instead of lowercase.
MDM-21178	If a custom query contains many joins and filters, when you open the Packages tool, the Hub Console becomes unresponsive.
MDM-21008	In a DB2 database environment, if you modify a base object in the database, and then try to add a new column through the Hub Console, the following error occurs: <pre>SIP-10313: Exception while executing change list: SIP-09089: Error in SQL update: DB2 SQL Error: SQLCODE=-20211, SQLSTATE=428FJ, SQLERRMC=null, DRIVER=3.69.24. DB2 SQL Error: SQLCODE=-20211, SQLSTATE=428FJ, SQLERRMC=null, DRIVER=3.69.24</pre>
MDM-20892	After you set the password policy and enable the Restrict password reuse limit option, when you add a new user, the following error occurs: <pre>SIP-10318: Cannot manage password history due to data access error.</pre>
MDM-22070	The <code>cmx.server.properties</code> file does not contain the properties that were introduced in this release. Workaround: Add the properties to the file after you upgrade.
MDM-19768	Occasionally, when you run SIF commands on cross-reference records, the following error occurs: <pre>SIP-40609: Cannot edit the record. The PERIOD_REFERENCE_TIME that you specified is not within the effective period for the record you are editing.</pre>
MDM-19652	After you unmerge a record that has more than two cross-reference records associated with it, only one cross-reference record reflects the correct last updated date.

Reference Number	Description
MDM-19610	The Stage job rejects some records with the following error: <code>SIP-11083: Cannot load class.</code>
MDM-19587	After the executeBatchUnmerge SIF API runs, the relationship between C_B_PARTY and C_B_PARTY_ALT_ID is not set correctly.
MDM-19586	When pattern validation rules with WHERE clauses are applied, trust is downgraded for all records instead of only the records that match the patterns in the WHERE clause.
MDM-19004	The automation properties file in the Resource Kit does not contain the property to configure a user email address, which is required to create a user.
MDM-18436	The Delete Business Entity REST API cannot delete child records in a business entity. The REST API fails with a null pointer exception.
MDM-18353	When you have multiple Operational Reference Stores, the post-load user exit processes fail on some of the Operational Reference Stores.
MDM-18166	If you use the depth parameter when you implement pagination, a REST API request does not return any results.
MDM-17744	REST calls fail when the global identifier (GBID) contains the hyphen (-) character.
MDM-15369	When Chinese characters are loaded into a staging table, some Chinese characters get corrupted.
MDM-14943	In WebSphere environments, when you log in to the Hub Console, the following misleading error might appear: <code>SIP-11101: The Cleanse Match Server license is either not valid or expired.</code> Workaround: Before you log in to the Hub Console, ensure that the <code>-Dcom.ibm.crypto.provider.DoRSATypeChecking</code> Java option is set to <code>false</code> . The Java option specifies whether data encryption is allowed and is required for password hashing to work.
MDM-13617	In WebSphere version 8.5.5.9 environments, a stack trace error appears in the cleanse log. The stack trace error begins with the following text: <code>v01/installedApps/INCMMDMHUBQANode01Cell/siperian-mrm-cleanse.ear.ear/siperian-mrm-cleanse.war/WEB-INF/lib/com.informatica.mdm-siperian-cleanse-10.2.0-SNAPSHOT.jar!/resources/infinispanConfig.xml</code> You can safely ignore the error.
MDM-13372	In Microsoft SQL Server and JBoss environments, when you restart the application server after deployment of the MDM Hub, an error occurs. You can safely ignore the error.
MDM-12164	When you delete cross-reference records associated with base object records that were updated, the delete operation might fail. This is caused by the PUT_UPDATE_MERGE_IND crossreference table column.
MDM-12129	Even though the required message trigger are enabled, the Restore API does not trigger MQ messages.
MDM-11898	When you run the Extract BVT Version batch job for multiple base objects, the last extract date is not set.

Reference Number	Description
MDM-10792	<p>When the database contains partitioned tables, the metadata validation process generates the following warning:</p> <p>SIP-PV-10233(31) - The tablespace of a table in the database differs from the tablespace specified in the metadata.</p> <p>You can safely ignore the warning.</p>
MDM-10476	<p>When you unmerge a record with a large number of cross-reference records, the Process Server generates an out of memory error.</p>
MDM-10201	<p>To promote a change list to a schema that has hierarchies enabled, you must have MDM Hub administrator privileges.</p>
MDM-9902	<p>When 'Enable History of Cross-Reference Promotion' is enabled for a base object, the history of cross-reference record promotion is not maintained.</p>
MDM-9816	<p>When you refresh an Informatica Data Quality cleanse function which has two mapplets with different ports using WebSphere, the following error appears:</p> <p>SIP-11134: Compile failed for compile command</p>
MDM-9604	<p>When you promote an empty change list to an Operational Reference Store with a business entity configuration, the promote fails with the following error:</p> <p>Object cannot be deleted because 'CO CS Configs\TaskConfiguration\Task Types \AVOSBeNotification\Task Roles\DataSteward' is depending on it. (deleteRole[id:ROLE.DataSteward])</p> <p>Workaround: Remove the DataSteward role from the target Operational Reference Store, and then promote the change list.</p>
MDM-9220	<p>You cannot import or promote a changelist from MDM Multidomain Edition version 9.6.1.</p>
MDM-8738	<p>The MDM Hub log file, <code>cmxserver.log</code>, increases beyond the maximum specified file size.</p>
MDM-8588	<p>The first time that you import a schema in the Hub Console, the following error might appear:</p> <p><code>missing initial moveto in path definition</code></p> <p>You can safely ignore the error message.</p>
MDM-8060	<p>When you import or promote a changelist from MDM Multidomain Edition version 9.7.1, an proxy role error is generated. The changelist is not imported or promoted.</p>
MDM-7786	<p>After adding a new role to a user, the Operational Reference Store is marked as invalid.</p>
MDM-7592	<p>A source system that is not mapped to a column in the base object can override a valid value in the column with a null value. For example, SourceA and SourceB contribute to BaseObjectC. SourceA is mapped to ColumnX with minimum and maximum trust settings of zero. SourceB is not mapped to ColumnX and has no trust setting for it, but it is mapped to other columns in BaseObjectC. When SourceB updates BaseObjectC, ColumnX is incorrectly updated with a null value.</p> <p>Workaround: Change the minimum trust setting for SourceA to at least 2.</p>
MDM-6419	<p>After you use the Hub Console to run a batch group that contains load jobs, the logs do not identify the load jobs that were run. In the Control & Logs panel, the Job Name column of the logs contain information other than the load job names.</p>

Reference Number	Description
MDM-5830	After installation of the MDM Hub, the WebSphere application server username and password are visible in the installation logs.
MDM-1578	When you delete an active cross-reference record in the Data Manager tool in the Hub Console, the record is deleted but an error occurs. You can safely ignore the error.

Data Director Known Limitations (10.3)

The following table describes known limitations:

Reference Number	Description
MDM-22587	When you export search results that are based on a timeline, the export process ignores the timeline and exports all data.
MDM-21988	When a user claims a task, the task inbox does not display a message to confirm that the task is not yet claimed.
MDM-21974	In a hosted MDM environment, when you log out of Data Director, clear the browser cache, and then refresh the tab where you logged out, a 404 error occurs.
MDM-21390	If you change your password and then run a newly claimed unmerge task, the unmerge process does not run on the records, but an interface message says that the unmerge is successful.
MDM-21388	In the task inbox on the Home page, you cannot filter tasks by the creation date.
MDM-21361	When you add values to dependent lookups that have no values and send the changes for approval, the approval task cannot be opened.
MDM-19053	If you use Apache HTTP Server, Data Director applications take a long time to load.
MDM-18712	The export of search results fails.
MDM-18260	After you create a record, you cannot edit or save the record. Workaround: Cancel the record and then create a new record.
MDM-18259	The <code>getChangedChildren</code> method that was added to the Save Handler user exit in version 10.2 HotFix 2 is not available in this release.
MDM-18157	On Chrome, when you display the interface in Chinese, some button labels are truncated.
MDM-16761	The <code>deleteMovedRelInExplorerView</code> preference that was added in version 10.1 HotFix 5 is not available in this release.

Data Director with Business Entities

The entity views are based on business entities. To use these views, upgrade Data Director applications from subject areas to business entities.

Reference Number	Description
MDM-22817	When you filter child records by a date that does not exist in the child records, a record with a non-matching date appears.
MDM-22815	<p>You can change the default date format used by the calendar in the Entity 360 framework.</p> <p>To change the default date format, use a text editor to create a <code>bundleE360.properties</code> file that contains the property <code>DATE_TIME_LONG_FORMAT</code>. Then add the <code>bundleE360.properties</code> file to the following location:</p> <pre>infamdm\hub\server\resources\entityE360</pre> <p>Note: If the <code>entityE360</code> directory does not exist, create the directory.</p>
MDM-22811	<p>In the simple merge component, when you want to change a date value, the calendar does not appear correctly.</p> <p>Workaround: Type in a date.</p>
MDM-22519	<p>In the search results, some rows are empty. The rows represent records that are filtered out because the user does not have permission to view the records.</p> <p>Workaround: The MDM administrator has to delete the search index. From the Provisioning tool, open the business entity and add or update any searchable field. Any change to the searchable configuration deletes the index. Re-index the data for the business entity.</p>
MDM-22369	When you preview a changed record from a task, the preview might not display the change bar beside some of the changed values in child records.
MDM-21692	The calendar controls are not localized.
MDM-18817	The Cross Reference page and the Merge Preview page have pagination issues.
MDM-18665	<p>When you delete the Status Cd code, the following error occurs:</p> <pre>Cannot read property 'taskId' of undefined</pre> <p>Workaround: You can edit this field, but you cannot delete it.</p>
MDM-18597	When a user role does not include the create and read privileges for a business entity, users with this role can still view the tasks associated with the business entity.
MDM-14958	<p>In the Search box drop-down list, when the list exceeds the height of the browser window, you cannot scroll the list to see the items that are off screen.</p> <p>Workaround: In the browser, switch to full screen mode. Increase the resolution until you can see the remainder of the list.</p>
MDM-14952	<p>In the History view, the timescale labels in the Options menu do not appear correctly initially.</p> <p>Workaround: Interact with the timescale for the timescale labels to display correctly.</p>
MDM-14933	<p>In the Hierarchy view, business entities in the Relationships tab of the history do not open in Business Entity view.</p> <p>Workaround: Use the Search box to find the business entity, and then open the entity in a Business Entity view.</p>

Reference Number	Description
MDM-14932	In the Timeline view, you cannot open the relationship records that appear on the Relationships tab.
MDM-14920	In the Hierarchy view, in the Entity Details dialog box, when you click More Details , the dialog box closes without opening the selected business entity. Workaround: Use the Search box to find the business entity, and then open the entity in a Business Entity view.
MDM-14919	In the Hierarchy view, the anchor entity Actions > Open in New Tab option does not open a new tab.
MDM-14918	In the Hierarchy view, the anchor entity Actions > Edit > Edit Entity option does not open the business entity. Workaround: From the View list, select the Business Entity view.
MDM-14890	In Microsoft Internet Explorer 10, the Log Out button is not visible from the Business Entity view and details do not display correctly in the History view. Workaround: Use another supported browser.
MDM-14781	In the Matching Records view, when you select a child record as the target record, the interface lets you select a record in the pending state. However, pending records cannot participate in a merge process, which means that the merge fails. Workaround: Select a child record in the active state as the target record.
MDM-14460	If the time zone of the application server is different from the time zone of the client, the time of an event in the History view differs from the time in the event details panel.
MDM-14385	When you view the details of merge and unmerge operations, user names are sometimes prefixed with e360 in the Updated By or Created By fields.
MDM-14327	If there are multiple pages of search results for business entity child records and you type in a page number beyond the range of pages displayed, subsequent attempts to view a page of search results fail and an error occurs.
MDM-11397	If you use the mdm_sample Operational Reference Store, you cannot add or update the phone number of a Person business entity. Workaround: Before you add or update the phone number of a Person business entity, perform the following steps: 1. In the Hub Console, start the Cleanse Functions tool, and then acquire a write lock. 2. Click Custom > Parse Phone Number - NA . 3. Click the Details tab of the Parse Phone Number - NA function. 4. Right-click on Condition and click Edit Condition . 5. In the Edit Condition dialog box, for each case value, change the country code from +1 to 1. 6. Save the changes and use the Repository Manager to validate the metadata.
MDM-8768	After you upgrade and then delete all the configuration files from the repository table c_repos_component_instance, tasks might not display in the Task Manager inbox for the first user who logs in to Informatica Data Director. Workaround: Log out of Informatica Data Director and then log in again.

Reference Number	Description
MDM-8764	<p>When you generate the business entity schema from a subject area configuration, mandatory lookup fields are not included in the business entity view configuration or transformation configuration.</p> <p>Workaround: In the Provisioning tool, add the missing configuration code:</p> <ol style="list-style-type: none"> 1. Select Advance Configuration > Business Entity Views (XML). 2. Add the following code to the lookup configuration: <code><ns2:field name="<missing field name>" /></code> 3. Select Advance Configuration > Transformation Configuration (XML). 4. Add the following code to the co2view configuration: <code><input name="<missing field name>" field="<missing field name>" /> <output name="<missing field name>" field="<missing field name>" /></code> 5. Add the following code to the view2co configuration: <code><input name="<missing field name>" field="<missing field name>" /> <output name="<missing field name>" field="<missing field name>" /></code> 6. Select Advance Configuration > Business Entities (XML). 7. Add the following code to the lookup configuration: <code><ns2:field name="<missing field name>" label="<missing field name>" column="<missingcolumn name>" required="true" /></code> 8. Click Update. 9. Click Validate + Publish.
MDM-8606	<p>In the Matching Records view, when you merge records, the system can appear unresponsive.</p> <p>Workaround: Wait until the merge job finishes.</p>
MDM-7597	<p>If you delete a record and then search for the record, the ROWID of the deleted record still displays.</p>
MDM-5715	<p>On Internet Explorer 9 and 10, if you group search results by type, you cannot then expand the search results.</p> <p>Workaround: Use Internet Explorer 11 or alternative browsers such as Chrome, Safari, or Firefox.</p>
MDM-5333	<p>Match and merge is not supported for business entity child records. If you try to add match records to a child record, you might corrupt the data.</p>
MDM-4710	<p>In the Business Entity view, when you add data to a business entity and then click Apply, the Hub Server does not clean and correctly format the data.</p> <p>Workaround: For your data to appear in the correct format in Business Entity view, click the Save button.</p>
MDM-2699	<p>In calendars, you cannot set a date before January 1, 1000.</p>
MDM-2584	<p>In the Task Manager, you are unable to sort tasks by Task ID, Task Type or Task Status.</p>
MDM-2574	<p>In the task inbox, setting the Owner filter to <code>Unclaimed</code> does not return the list of unclaimed tasks.</p>

Data Director with Subject Areas

The legacy views are based on subject areas.

Reference Number	Description
MDM-21793	When you create a record, potential matches do not appear.
MDM-21427	You can edit a child record and a grandchild record at the same time. If you apply the edit to the grandchild record, but cancel the edit for the child record, a NullPointerException is generated.
MDM-19980	In the XREF view, the search runs with administrator privileges instead of the logged in user privileges. Workaround: Increase the ULIMIT.
MDM-19608	In all the data views, white space is not preserved in the data fields.
MDM-19421	If you exceed the maximum length of a text field, no validation error is displayed.
MDM-18915	When an exact match rule includes columns from child records, the Find Duplicates operation returns child records that do not match.
MDM-18854	In the History view, when you try to view an event detail, an error might occur.
MDM-18680	In applications with multiple subject areas, tasks assigned to a user do not appear in the task inbox.
MDM-18632	When you run a search query with a specified effective date, the search results display incorrect values for records from a child subject area.
MDM-18442	When lookup columns from a child table are included in an advanced search query, the search result does not contain the values of the lookup field from the child table.
MDM-18163	You cannot use a custom profile or multithreading to export search results.
MDM-16464	When you run a search query with a specified effective date, the search results display incorrect values for records from a child subject area.
MDM-14872	In the Matches view, users can add a record as a merge candidate that has already been selected to merge with another record. When the record is added as a merge candidate, an error occurs.
MDM-13787	In the XREF view, you can select a cross-reference record to unmerge when an unmerge task already exists for that record. An error occurs when the duplicate unmerge task is processed.
MDM-10613	In the Hierarchy view, when you end date a relationship and the relationship record is from a different source system than the IDD SMOS system, the existing relationship record is deleted.
MDM-9796	In the Hierarchy view, when you disable an entity type in the Filters tab, you cannot create relationships with those entities. Workaround: Before you create relationships, open the Filters tab, and select the entity types that you want to use in the relationship.

Provisioning Tool Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-22531	When you configure a read-only field with more than one default value, the Provisioning tool displays a validation error. Workaround: Use a cleanse job to set the default value for a read-only field.
MDM-22457	If you publish a layout with a duplicate name, the publish process fails with an error.
MDM-22444	If you mark a field as read-only in a business entity, a cleanse transformation on that field fails. Workaround: Mark the field as read-only in a business entity view.
MDM-22329	Field filters are not valid on dependent lookup fields.
MDM-21991	When you include the legacy Merge Preview in a record view, the Provisioning tool displays an error.
MDM-21421	In an Oracle database environment, when you open the event details from the History view, the following error occurs: <code>ORA-01722: invalid number</code>
MDM-20600	When you remove a base object from the Hub Console, the Provisioning tool continues to show the base object and does not generate validation errors. Workaround: If you delete a base object, update the related business entity in the Provisioning tool.
MDM-14928	Occasionally, the Provisioning tool continuously tries to reload the Home page. Workaround: Close and then reopen the browser. If required, restart the application server.
MDM-14749	When you delete a base object in the Hub Console, the dependencies are not removed from the business entity configurations in the Provisioning tool. Workaround: In the Provisioning tool, delete the dependencies on the base object.
MDM-14255	When you configure an XML to Business Entity transformation, the parent node fields are not available for mapping in the cleanse transformation of a child node element. Workaround: Manually enter the path to the parent element that you want to map. Use the Service Data Object (SDO) XPath expression, where / represents a root XML element. For example, in the transformation for the <code>address</code> child node, to access the <code>dunsNumber</code> parent element, use the path <code>/OrderCompanyProfileResult[1]/ServiceResult[1]/OrderProductResponseDetail[1]/InquiryDetail[1]/DUNSNumber[1]</code>
MDM-14528	If you create a transformation with the same name as another transformation, a validation error message does not appear. An error appears only when you try to publish the changes.
MDM-14521	When you use the Provisioning tool in the Chrome web browser, Chrome might become unresponsive.
MDM-14449	If you make a field searchable in a reference entity that is referenced in two or more business entities, then the field is searchable for all the business entities. Furthermore, if you make a field searchable in a reference entity that is not referenced in any business entity, then the field is not searchable. Workaround: Make a field searchable in a reference entity that is referenced in only one business entity.

Reference Number	Description
MDM-13754	If a write lock is acquired in the Hub Console, the Provisioning tool does not work as expected.
MDM-8844	When you publish configuration changes through the Provisioning tool, you can overwrite these changes if you generate a business entity schema through the IDD Configuration Manager.
MDM-8668	From the Modeling page, you can access and edit system columns. Workaround: Avoiding editing system columns.
MDM-7219	The Provisioning tool fails to launch when the last slash is omitted. Workaround: Add a slash character to the end of the URL: <code>http://host:port/provisioning/</code>

Business Entity Services Known Limitations

The following table describes known limitations:

Note: In previous releases, business entity services were called composite services.

Reference Number	Description
MDM-14375	When you specify more than one recordState for the GetRelated SOAP API, an error occurs.
MDM-13715	When you merge records with the WriteCO API, an error occurs.
MDM-10553	When you run a read composite service for a deleted grandchild record, the composite service call does not return data.

Search with Solr Known Limitations

Search refers to a full-text search on fields that are configured as searchable. Search with Solr was formerly referred to as *Smart Search*.

The following table describes known limitations:

Reference Number	Description
MDM-22690	After searching for a record, the actions in the search results include actions that are not applicable to a Data Director application with business entities.
MDM-20998	After running a delete process with SIF APIs or business entity services, the search index is not deleted.
MDM-19005	When search is enabled, if you search for a record after merging some records, duplicate records might appear in the search results page.

Reference Number	Description
MDM-14953	<p>The Initially Index Smart Search Data job might fail with the following error:</p> <pre>SIP-52050: Failed to retrieve the ZooKeeper client instance because the connection to the ZooKeeper client instance timed out. No collection linked.</pre> <p>Workaround: Re-run the job after 10 minutes. If you get the same error again, restart the application server and re-run the job.</p>
MDM-14945	<p>After you delete a pending record, you get the following error in the <code>cmxserver.log</code> file:</p> <pre>[ERROR] com.informatica.mdm.sss.SmartSearchMDB: SIP-11041: Communication error "invalid stream header: 3C3F786D" occurs when making a request to Process Server</pre>
MDM-14944	<p>The Initially Index Smart Search Data job fails if a business entity name contains an underscore.</p> <p>Workaround: Avoid underscores in business entity names.</p>
MDM-11238	<p>When you use a search string within double quotes (") to perform an exact search, the search might not return the expected results.</p> <p>Workaround: Prefix each double quote with a backslash (\) and search again. For example, \"Robin Williams\"</p>
MDM-10723	<p>After you set a field as a searchable field, a search request might fail.</p> <p>Workaround: Perform one of the following tasks:</p> <ul style="list-style-type: none"> - Reload the collection with the following URL: <code>http://<Host Name>:<Port>/MDESolr/admin/collections?action=RELOAD&name=<Collection Name></code> Host Name indicates the host name of the Process Server that you use as a ZooKeeper server, and Port indicates the port number on which the Process Server listens. Collection Name is the name of the collection or business entity to which you added the field. You can get the collection name from the following directory: <code><MDM Hub Installation Directory>\hub\cleanse\solr</code>. For example, <code>4d5354312e375056.Person</code> is the collection name for the Person business entity. - Stop the application server, delete the ZooKeeper data directory, and then restart the application server.
MDM-10389 MDM-11925 MDM-12691	<p>A search request might return one of the following errors:</p> <ul style="list-style-type: none"> - <code>[SearchService_30027]Exception</code> occurred while getting query the constructor - An internal error occurred. Contact an administrator to get more information for the client tool logs. If the administrator cannot determine the cause of the error, contact Informatica Global Customer Support. <p>Workaround: Restart the application server, and try again. If you get the same error, perform the following tasks:</p> <ol style="list-style-type: none"> 1. Stop the application server. 2. Delete the ZooKeeper data directory. 3. If you enabled search on multiple process servers, delete the following directory: <code><MDM Hub Installation Directory>\hub\cleanse\solr</code> 4. Restart the application server. 5. If you delete the <code>solr</code> directory, run the Initially Index Smart Search Data job. 6. Perform the search again.

Reference Number	Description
MDM-9805	<p>The WADL files for the REST services are out of date.</p> <p>Workaround: For information about the REST services, see the <i>Multidomain MDM Business Entity Services Guide</i>.</p>
MDM-8488	<p>When you search for a negative number or use a negative number to filter the search results, you get the following error:</p> <pre data-bbox="492 537 1414 636">[SIP-11008] SIP-11008: [SearchServiceClient_00028] You cannot use the following operators in the search string: AND, NOT, -, and OR. Add + before each search word if the search results must contain the word. Do not add + if the search word is optional or single word.</pre>
MDM-8598	<p>After you restart the application server, the Initially Index Smart Search Data job or a search request might return the following error in the application server log file:</p> <pre data-bbox="492 743 1130 768">No live SolrServers available to handle this request</pre> <p>Workaround: Restart the application server.</p>
MDM-8161	<p>If you configure the search to display many results, some browsers do not display all the records or become unresponsive.</p>
MDM-5785	<p>A search request does not facet the dates that are earlier than 1970.</p>
MDM-4753	<p>The search UI displays two filters with the same name without identifying the objects that the filters act upon. Filter fields do not have to be unique. A root object and a child object can both have a field with the same name, such as Name, and both fields can be configured as a filter.</p> <p>Workaround: Ensure that column names are unique for the root object and its children.</p>
MDM-3289 HORA-52192	<p>If the composite objects do not include a field named <code>displayName</code>, the Name column in the Search workspace displays random field values when you perform a search.</p> <p>Workaround: To set a field for the Name column, use a database tool to open the <code>C_REPOS_CO_CS_CONFIG</code> table and set the <code>displayName</code> property of the composite objects to an appropriate field in the BLOB data of the <code>SEARCHABLE_CO</code> configuration type.</p>
MDM-3235	<p>The Initially Index Smart Search Data job might return incorrect metrics if you run the job more than once.</p>
MDM-2644	<p>After you enable search on the Process Server, the application server log file does not include any relevant error message if the collection creation fails due to insufficient memory.</p>
MDM-1799	<p>When you search for a negative value, the search request returns the positive and negative matching values.</p>

Business Process Management Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-22814	Siperian workflow engine. When you try to reassign a claimed task, the Assignees list is empty in the Edit task dialog box.
MDM-18483	Users cannot open the tasks that are created by the secondary workflow engine.
MDM-18455	The titles of unmerge tasks that are created in Data Director are saved as {title} in the aeb4ptask table of the ActiveVOS schema.
MDM-18009	If there are many comments associated with a task, the following error might occur: <code>Comments cannot exceed more than 3968 characters.</code>
MDM-16675	If you use an API call to return ActiveVOS tasks for a user, the call fails if you specify the <code>createDateBefore</code> or <code>createDateAfter</code> filters.
MDM-14205	If you use the sample Operational Reference Store, an error occurs when you open the Workflow Manager in the Hub Console. In the sample Operational Reference Store, the value of <code>WORKFLOW_ENGINE_NAME</code> in <code>MDM_SAMPLE.C_REPOS_DB_RELEASE</code> does not match the value of <code>NAME</code> in <code>CMX_SYSTEM.C_REPOS_WORKFLOW_ENGINE</code> . Perform one of the following workarounds: <ul style="list-style-type: none"> - Add the business entity-based workflow engine <code>ActiveVOSBE</code> to the configuration if it does not exist, or; - Update the configuration in the Sample Operational Reference Store to the name of the existing business entity workflow engine. In the column <code>CMX_SYSTEM.C_REPOS_WORKFLOW_ENGINE</code>, change the value to <code>ActiveVOSBE</code>.
MDM-13359	If you use ActiveVOS, a user cannot belong to a role that creates an unmerge task and also belong to a role to approves that task type. If a user belongs to both roles, an error occurs when the user tries to approve the unmerge task.
MDM-12011	When you install the MDM Hub with ActiveVOS, the following exception appears in the <code>postInstallSetup.log</code> file: <code>java.util.concurrent.RejectedExecutionException</code> You can safely ignore this exception.
MDM-9079	In the ActiveVOS Console, on the MDM Identity Provider page, you must enter the password of the MDM Hub user named <code>admin</code> in the MDM Connection Settings Password field. You cannot use the password for any other user, even if the user has administrative privileges.
MDM-9041	When multiple workflow triggers apply to an action, the first applicable trigger is applied, even if subsequent triggers are specific to the business entity. Workaround: In the task configuration file, place the triggers that are specific to a business entity at the beginning of the file. Place the more general triggers at the end of the file.
MDM-8763	When you install the MDM Hub with embedded ActiveVOS in a Linux environment, the following error appears in the <code>postInstallSetup.log</code> : <code>[exec] Unable to locate tools.jar. Expected to find it in /data/tmp/install.dir.12594/Linux/resource/lib/tools.jar</code> You can safely ignore the error.

Reference Number	Description
MDM-8622	When you import ActiveVOS tasks from version 9.7.1 and run a batch file to add presentation parameters to the tasks, an error occurs. You can safely ignore the error.
MDM-8086	The task priority set by the MDM Hub cannot be used to trigger an ActiveVOS escalation.
MDM-6473	The Hub Server silent installation process sets the incorrect ActiveVOS database URL when the silent installer property <code>AVOS.ORACLE.CONNECTION.TYPE</code> is set to <code>SID</code> . Workaround: Before you perform the Hub Server silent installation, set the silent installer property <code>AVOS.ORACLE.CONNECTION.TYPE</code> to <code>Service Name</code> .
MDM-5290	When you change the BPM adapter, the number of merge tasks is counted incorrectly and the number might exceed the threshold value for merge tasks. Workaround: Set the value of the <code>ROWID_TASK</code> column in the <code>_MTCH</code> table to <code>NULL</code> .

Resource Kit Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-21658	Enhancement not in this release. In version 10.1 HF6, the <code>AssignUsersToDatabase</code> script was updated to support uppercase characters in user names.
MDM-14102	When you deploy the web sample <code>LookupWebServiceExample</code> , the MDM Hub generates an error in the application server log file. You can safely ignore the error.

Sample Operational Reference Store Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-14684	After you upgrade, when you validate the IDD configuration, an error occurs stating that the <code>SrManager</code> role does not exist in the task configuration file. Workaround: Add the <code>SrManager</code> role. <ol style="list-style-type: none"> In the Hub Console, add the <code>SrManager</code> role with the required privileges. Use the Repository Manager in the Hub Console to validate the metadata. Truncate the repository table <code>C_REPOS_CO_CS_CONFIG</code>. In the IDD Configuration Manager, generate the business entity schema for the IDD application.
MDM-14434	The Entity view does not display the full list of lookup column values. Workaround: Use the Databases tool in the Hub Console to set the <code>GETLIST</code> limit to <code>300</code> for the lookup base object.

Services Integration Framework Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-19151	The DeleteMatches service does not correctly process data blocked by InteractionID.
MDM-8880	SIF calls update the LAST_UPDATE_DATE column and the UPDATED_BY column with incorrect data.
MDM-593	<p>In Microsoft SQL Server environments on the Windows operating system: When SearchMatch is run using multiple threads, the following error occurs:</p> <pre>SIP-10226=Error in building query to run MATCH verb.</pre> <p>Workaround: Add the following entries to the registry subkey <code>HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters</code>:</p> <p>Value Name: MaxUserPort Value Type: DWORD Value data: 65534</p>

Informatica Platform Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-18229	In a Linux environment, the option to install the Informatica platform is not available.

Informatica Data Controls Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-8950	<p>In Microsoft Internet Explorer 11, the Proactive Match window stops responding when you click Import.</p> <p>Workaround: In the Java Server Page file, enable compatible mode for the host page.</p>