



Informatica® Master Data Management
Multidomain Edition
10.2 HotFix 2

Release Notes

Informatica Master Data Management Multidomain Edition Release Notes
10.2 HotFix 2
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CHAPTER 1

Introduction

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

Version 10.2 HotFix 2

Informatica MDM Multidomain Edition version 10.2 HotFix 2 is the latest release in the version 10.x code line.

This release includes the following items:

- 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.
- All fixed issues, features, and changed behaviors that were released in versions 9.7.1 through 9.7.1 HotFix 8.
- Some fixed issues and changed behaviors that were originally released in versions 10.2 HotFix 1 Emergency Bug Fix 1 through 10.2 HotFix 1 Emergency Bug Fix 6.
- New features as described in the *Informatica MDM Multidomain Edition Version 10.2 HotFix 2 Release Guide*.

Important: All future HotFix or Emergency Bug Fix releases require that at least version 10.2 is installed.

Informatica LLC

Effective August 2015, in all Informatica products and documents, the term “Informatica Corporation” has been replaced with the term “Informatica LLC”. Any occurrence of the term “Informatica Corporation” in current products or documentation should read “Informatica LLC”.

(MDM-8740)

CHAPTER 2

Installation and Upgrade

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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)

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>
```

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)

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)

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 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 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 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)

Hub Server Installation with Embedded ActiveVOS in Console Mode

When you install ActiveVOS® during the Hub Server installation in console mode, the following incorrect prompts appear when you select the Service connection type:

System Schema (Default: avos):

Enter System Schema Password

This installation requires a password to continue. Please Enter System Schema Password:

The following prompts are the correct prompts:

ActiveVOS Schema (Default: avos):

Enter ActiveVOS Schema Password

This installation requires a password to continue. Please Enter ActiveVOS Schema Password:
(MDM-8723)

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)

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 *Informatica MDM Multidomain Edition Installation Guide*.

(MDM-13269)

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)

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)

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)

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 *Informatica MDM Multidomain Edition Upgrade Guide*.

(MDM-14777)

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)

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 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)
```

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)

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)

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)

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)

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)

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 *Informatica MDM Multidomain Edition Installation Guide*. (MDM-8731)

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)

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)

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)

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

MDM Multidomain Edition Version 10.2 HotFix 2

This chapter includes the following topics:

- [Fixed Limitations, 18](#)
- [Closed Enhancement Requests, 31](#)
- [Known Limitations, 32](#)

Fixed Limitations

MDM Hub Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-18380	A CleansePut API request does not update a child foreign key with the correct cross-reference record.
MDM-18379	A SIF API call that runs a multimerge batch job fails with the following error: SIP-23038: Internal error. The SQL statement generated the SQL error ORA-12899: value too large for column
MDM-17682	If you generate configuration files for business entities multiple times, the MDM Hub generates an out of memory error.
MDM-18285	In the infrastructure version of WebLogic 12.2.1.3.0, deployment of the siperian-mrm.ear file fails with the following error: weblogic.management.DeploymentException: java.lang.IncompatibleClassChangeError: Implementing class
MDM-18232	When you use Microsoft Active Directory as a security provider for the MDM Hub, you can log in to the Hub Console without a password.
MDM-18910	You cannot open the Batch Viewer in the Hub Console.

Reference Number	Description
MDM-17782	When you use Services Integration Framework (SIF) to run the MDM Hub operations in a JBoss environment, an out of memory error might occur.
MDM-17697	When you save changes to role privileges, the performance of the save operation is poor.
MDM-17661	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-17641	When you search for a record by providing the Rowid_Object value, the record is not found even though the record exists.
MDM-17439	When you have multiple Operational Reference Stores, the post-load user exit processes fail on some Operational Reference Stores.
MDM-17437	In a <code>PromotePendingXrefs</code> SIF API request, when the <code>ROWID_XREF</code> value is used as the record identifier, the child subject area records are not promoted.
MDM-17416	A potential SQL injection vulnerability exists in the <code>SearchQuery</code> and <code>SearchMatch</code> APIs.
MDM-17369	After you unmerge a record that has more than two cross-reference records associated with it, only one of the cross-reference records reflect the correct last updated date.
MDM-17288	When you run a load job, null values might override values that are not null in columns that do not have trust enabled and in columns that are not selected in the staging table.
MDM-17281	The SIF <code>ExecuteBatchAutoMatchandMerge</code> call does not return an error message even though errors are logged in the Hub Server log.
MDM-17261	If you use the SIF <code>ExecuteBatchDelete</code> call to delete over 1000 records, the request fails with the following error: <code>ORA-01795: maximum number of expressions in a list is 1000</code>
MDM-17229	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-17184	The automation properties file in the Resource Kit does not contain the property to synchronize user email addresses during an LDAP user synchronization.
MDM-17117	In an IBM DB2 environment, when you drop more than three base object columns, the transaction might time out.
MDM-17092	When you have multiple Operational Reference Stores (ORS), the post-load user exit processes fail on some ORS.
MDM-17082	A <code>Promote</code> 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-17080	When you synchronize users with long first names, middle names, and last names through LDAP servers, the synchronization process fails.

Reference Number	Description
MDM-17064	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-17066	When you enable trust and validation rules on a base object column, the MDM Hub drops any custom index that you created for the column in the associated cross-reference table.
MDM-17049	If you use the depth parameter when you implement pagination, a REST API request does not return any results.
MDM-16892	<p>A load job end-dates relationship records for all source systems even when the source system end-dating relationship is not a State Management Override System (SMOS).</p> <p>Fix: For a load job, to end-date a relationship in the same way as an SMOS system, set the <code>cmx.server.load.nonsmos.sourcesystem.enddate.like.smos</code> property to <code>true</code> in the <code>cmxcleanse.properties</code> file.</p> <p>For a Put call, to end-date a relationship in the same way as an SMOS system, set the <code>cmx.server.load.nonsmos.sourcesystem.enddate.like.smos</code> property to <code>true</code> in the <code>cmxserver.properties</code> file.</p>
MDM-16873	<p>When you run a manual match task and match multiple records, multiple records can have the same ROWID task entry in the match table.</p> <p>Fix: To create one task for each match entry, set the <code>cmx.server.task.grouppotentialmergebyruleid</code> property to <code>false</code> in the <code>cmxserver.properties</code> file.</p>
MDM-16863	Cleanse function calls fail and generate an error.
MDM-16804	In WebLogic environments, when you start the WebLogic server, the MDM Hub might generate an error.
MDM-16801	If a stage job mapping includes a Data Quality cleanse function, the MDM Hub does not process records correctly.
MDM-16788	The synchronization job fails when a base object name exceeds the maximum of 24 characters.
MDM-16780	If you edit the period dates of a record, an extra cross-reference record appears on the XREF view of the record.
MDM-16772	A CleansePut call that passes a null foreign key value fails.
MDM-16771	You cannot revert a relationship base object to a base object if the staging table has lookup columns that contain data exceeding the maximum character, char (14). A database error is generated.
MDM-16764	If you use Microsoft Active Directory as a security provider, you can log in to the Hub Console without a password.
MDM-16763	When multiple threads run a custom cleanse function, multiple JAR files are created in the temporary directory.
MDM-16737	<p>When you test a Data Quality cleanse function, the following error appears:</p> <p>SIP-11121: Error occurred in Generated WSDL Adapter</p>

Reference Number	Description
MDM-16736	When you refresh a Data Quality cleanse function, the following error appears: SIP-10321: Problem loading jar file: SIP-11065: An unknown error occurred while trying to perform data cleansing.
MDM-16729	In the WebSphere environment, the Dun & Bradstreet adapter fails and generates multiple exceptions.
MDM-16689	After installing 10.2 HotFix 1, the online help pages appear in Chinese.
MDM-16685	The Restore API does not have a REST equivalent. Fix: You can restore records through Business Entity POST service with the Update action.
MDM-16682	When you run a manual match task and match multiple records, multiple records can have the same ROWID task entry in the match table. Fix: To create one task for each match entry, set the <code>cmx.server.task.grouppotentialmergebyruleid</code> property to false in the <code>cmxserver.properties</code> file.
MDM-16668	If you use an API call to return ActiveVOS tasks for a user, the call fails if you specify the <code>dueDateBefore</code> parameter.
MDM-16620	In Microsoft SQL Server environments, the performance of the automerge job is poor.
MDM-16601	A SIF Restore call fails with the following error message: SIP-40605: The effective period was not updated because the MDM Hub could not determine if the state management override system is enabled for the source system. Review the server log for more details.
MDM-16560	After you update a record that is enabled for smart search, an error message appears in the MDM Hub log file, <code>cmxserver.log</code> .
MDM-16557	When you run a match job or tokenization batch job at the same time as a tokenization API call, the following error message appears: <code>java.sql.SQLIntegrityConstraintViolationException:ORA-00001: unique constraint</code> Fix: To enable the MDM Hub to run tokenization when there is a match job on a large number of records, set the <code>cmx.server.stripDML.useDeleteInsertLock</code> property to true in the <code>cmxcleanse.properties</code> file.
MDM-16556	A SIF Put call fails to update a foreign key value.
MDM-16541	Automerge batch jobs and Auto Match and Merge batch jobs fail.
MDM-16522	When a match path component is included in a search query, the performance of the query is poor.
MDM-16500	When you use a change list to import data and promote changes to hierarchies, the import and promote operations fail with a null pointer exception.
MDM-16455	By default, a Put or Cleanse Put call applies BVT calculations to all fields in a record instead of updating only the fields specified in the SIF request. Fix: To specify that the MDM Hub only applies BVT calculations to fields that are part of the SIF request, set the <code>cmx.server.selective.bvt.enabled</code> property to true in the <code>cmxserver.properties</code> file.

Reference Number	Description
MDM-16449	In WebSphere environments with SSL encryption enabled, when you refresh a Data Quality cleanse function, the following error appears: SIP-11006: Failed running the cleanse simulation.
MDM-16448	Cascade unmerge does not unmerge child cross-reference records correctly.
MDM-16433	Null values are not written to the base object record even when the following conditions are met: - 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-16424	When you run multi-threaded batch jobs, database connection leaks might occur.
MDM-16422	The Delete Business Entity REST API cannot delete child records in a business entity. The REST API fails with a null pointer exception.
MDM-16414	In the IBM DB2 environment, when you add base object columns, the transaction might time out.
MDM-16410	A foreign key update is different when the Cascade Unmerge option is enabled versus when the Cascade Unmerge option is disabled.
MDM-16404	When you merge and then unmerge a record that has multiple cross-references, the MDM Hub deletes the record after the unmerge.
MDM-16371	In the IBM DB2 environment, when you drop base object columns, the performance is poor.
MDM-16370	When you merge and then unmerge records, the merge history does not display correctly in the Hub Console.
MDM-16367	Cascade unmerge does not unmerge child cross-reference records correctly.
MDM-16362	Informatica MDM Multidomain Edition supports ActiveVOS 9.2.4.3.
MDM-16359	In a clustered environment, the MDM Hub might generate duplicate JMS messages.
MDM-16179	The Parse Float data conversion cleanse function fails to convert numeric string data to the float data type.
MDM-16123	In the Hub Console login page, when an incorrect user name or password is entered, the following unclear error message appears: SIP-09070: SIP-18017: Error occurred during user authentication, error was {0} java.lang.NullPointerException
MDM-16096	The Informatica Platform application file does not contain all necessary JAR files.
MDM-16036	You cannot log in to the Hub Console through Microsoft Active Directory.
MDM-15991	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.

Reference Number	Description
MDM-15870	If you run a mapping that uses a cleanse function, the MDM Hub generates the following error: <code>SIP-11088: An error occurred while cleansing.</code>
MDM-14830	A CleanTable request fails when the useTruncate parameter is set to <code>true</code> .
MDM-14690	REST calls fail when the global identifier (GBID) contains the hyphen (-) character.
MDM-14389	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-13704	In the Hub Console, when you use the Enterprise Manager or the Repository Manager, a null pointer exception is generated when fetching roles.
MDM-11089	When a master record is edited, the value in the lookup column is set to the default column value.
MDM-10614	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-10161	After an unmerge operation with the Cascade Unmerge option disabled, the history table of the child record is not populated.

Informatica Data Director Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-18418	When you open a data import result file in Microsoft Excel, multibyte characters are garbled.
MDM-18414	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-18405	In the subject area based 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-18403	On the Export dialog box, the subject area name is not localized.
MDM-18384	If there are more than ten records in a child subject area, pagination in the form view does not work correctly.
MDM-18383	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.

Reference Number	Description
MDM-18382	<p>If you configure a column as a text area in a subject area, the text area column always appears at the bottom of the layout regardless of column order.</p> <p>Fix: To ensure text area columns appear in their specified order in a layout, set the <code>overrideTextAreaColumnOrder</code> global property to <code>false</code>.</p>
MDM-18381	The merge preview creates too many cleanse requests for inline cleanse functions, which causes performance issues.
MDM-18377	The Hub Server properties <code>http-only</code> and <code>cookie-secure</code> do not work.
MDM-18161	You cannot log in to the Provisioning tool.
MDM-18121	If a subject area child has a one-to-one relationship with grandchild records, you cannot export all search results.
MDM-17879	After you upgrade to version 10.1 HotFix 5, you cannot edit a record or save a record that you create.
MDM-17865	The pagination of the Cross Reference page and the Merge Preview have usability issues.
MDM-17856	In Informatica Data Director applications that use the subject area model, you cannot resize the Search page.
MDM-17791	When you open the Provisioning tool in Microsoft Internet Explorer, you cannot publish your changes.
MDM-17682	When you generate business entities multiple times, the application server generates an out of memory error.
MDM-17622	The titles of unmerge tasks that are created in Informatica Data Director are saved as <code>{ \$title }</code> in the <code>aeb4ptask</code> table of the ActiveVOS schema.
MDM-17593	When you open the History view or the Effective Period view from the Data view, no data appears in the child tabs and the server log contains the error code <code>SIP-14159</code> .
MDM-17592	When you open the History view and select the Relationship tab, the server log contains the error code <code>SIP-14368</code> . The same error occurs when you open the Matches view.
MDM-17591	When you open the Hierarchy view from search results, the view does not open and a null pointer exception occurs.
MDM-17553	<p>When you generate business entities from a subject area configuration, an error might occur in the following scenario:</p> <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-17509	In Informatica Data Director, for applications that use the business entity model, users without the privileges to create and view business entities can view tasks associated with the business entities.
MDM-17508	In Informatica Data Director, for applications that use the subject area model, you cannot use a custom profile or multithreading to export search results.
MDM-17436	<p>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:</p> <pre>java.lang.NumberFormatException</pre>

Reference Number	Description
MDM-17421	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-17415	A cross-site scripting vulnerability was found.
MDM-17378	In Informatica Data Director applications that use the subject area model, when you add values to dependent lookups that have no values and send the changes for approval, the approval task cannot be opened.
MDM-17370	When smart search is enabled, if you search for a record after merging some records, duplicate records might appear in the search results page.
MDM-17357	If you exceed the maximum length of a text field, no validation error displays.
MDM-17356	When you update a record and then cancel the change, a null pointer exception might occur.
MDM-17355	If there are many comments associated with a task, the following error might occur: <code>Comments cannot exceed more than 3968 characters.</code>
MDM-17285	When you update a record in the History view, accented characters do not display correctly.
MDM-17284	If you enter values with multiple white spaces, the spaces appear as just one space.
MDM-17283	When you update a record in the History view, long display names do not display correctly.
MDM-17282	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-17281	The SIF ExecuteBatchAutoMatchandMerge call does not return an error message even though errors are logged in the Hub Server log.
MDM-17172	When you use the Informatica Data Director Configuration Manager to generate a business entity and business entity service configuration, the following error might occur: <code>The business entity or business entity view was not found in the configuration. Review the configuration.</code>
MDM-17065	The export of search results fails.
MDM-17060	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-17000	In the Cross-reference Records view, the page navigation component is missing.
MDM-16987	In Informatica Data Director applications that use the business entity model, the Close icon is not visible in the user interface tabs.
MDM-16941	When you import a query that contains a search on a child record, the import operation fails.
MDM-16935	Automatic task assignments fail with a null pointer exception.

Reference Number	Description
MDM-16929	When the page size for user preference is set to 0, search results do not appear.
MDM-16909	In the Matching Records view, the page navigation component is missing.
MDM-16860	A foreign key update when cascade unmerge is set if different from a foreign key update when cascade unmerge is not set.
MDM-16857	In the Entity view, when a validation check against a Java cleanse function fails, the values for drop-down lists are not displayed in the output.
MDM-16855	When field validations fail, the error messages that appear for parent fields are generic, but the messages for the child fields are detailed.
MDM-16816	When you create a business entity that references another business entity, a stack overflow error might occur.
MDM-16806	When a task has many child records and uses a task handler user exit, it takes a long time to approve the task.
MDM-16799	If you export search results, the output file contains duplicate results.
MDM-16798	In a many-to-many subject area, you cannot delete a record that has a many-to-many relationship with the parent base object.
MDM-16797	When you perform a search, an error message appears. This issue occurs when an Informatica Data Director application uses LDAP to authenticate users.
MDM-16794	When you merge records with different lookup values, the preferred lookup value does not survive.
MDM-16793	In the Data view, when the subject area child record has the relationship type Part of Primary, potential matches for the record do not appear.
MDM-16791	If you update a record through a SIF Put call, the updated value does not appear in the Data view or in the exported record.
MDM-16779	If you bind multiple Operational Reference Stores to an application, data security fails.
MDM-16775	If you use Apache HTTP Server, Informatica Data Director applications take a long time to load.
MDM-16774	You can save a record in the XREF view without the appropriate permissions.
MDM-16772	A Cleanse Put call that passes a null foreign key value fails.
MDM-16766	If you log in through single sign-on (SSO), you cannot action ActiveVOS tasks assigned to you and the tasks do not appear in Task Manager.
MDM-16766	If you log in through single sign-on (SSO), you cannot action ActiveVOS tasks assigned to you and the tasks do not appear in Task Manager.
MDM-16765	In an Informatica Data Director application with multiple subject areas, tasks assigned to a user do not appear in the task inbox.
MDM-16762	If you log in through single sign-on (SSO), you cannot access the Task Manager.

Reference Number	Description
MDM-16752	A smart search query that includes a specific field fails.
MDM-16727	An advanced search query that uses a literal value returns incorrect results.
MDM-16722	In the Entity 360 framework, if you update a business entity lookup field, a subsequent smart search request returns a count of results but no record details.
MDM-16720	In a business entity view layout, business entity lookups do not appear correctly.
MDM-16718	In the subject-area based Data view, if there are a large number of columns in a child subject area, the column headers do not display correctly in the table format.
MDM-16666	When you use the Chrome browser, you cannot scroll through the merge preview to view all the values.
MDM-16665	If more than one subject area has the same application column defined as a dependent lookup, but with different filter conditions, the dependent lookup values are blank.
MDM-16658	In the Entity view, when a validation check against a Java cleanse function fails, the output parameters that are drop-down lists are not highlighted in red.
MDM-16656	When you update a grandchild record that has a many-to-many relationship with the parent base object, IDD updates other grandchild records associated with the parent base object.
MDM-16655	If you log in through single sign-on (SSO), you cannot access the Task Manager.
MDM-16654	If you add a record and click the Save button many times, IDD might create multiple records.
MDM-16653	When you change the size of a browser window, the IDD pages do not resize.
MDM-16634	When Informatica Data Director is opened in the Internet Explorer, the user interface has two scroll bars.
MDM-16625	In the Entity 360 framework, when you unmerge records, the Unmerge screen does not appear correctly.
MDM-16623	If you open a task directly from the Data view, a null pointer exception is generated.
MDM-16622	The values of cross-references in the HXRF table do not match the values of cross-references in the HIST table.
MDM-16610	When you update a record in the History view, accented characters do not display correctly.
MDM-16600	A search that includes a fuzzy match column and an exact date column does not return any results.
MDM-16596	In the Entity 360 framework, when you unmerge records, the Unmerge screen does not appear correctly.
MDM-16588	When you claim a merge task, there is no option to subsequently disclaim it. The only options for the task are Merge or Cancel .
MDM-16584	A SOAP API request fails on a database that is configured with UTF-8 encoding.

Reference Number	Description
MDM-16568	An Informatica Data Director application displays all the business entities in the associated Operational Reference Store, including the business entities that were not created for the application.
MDM-16559	When you update a record in the History view, long display names do not display correctly.
MDM-16558	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-16556	After you update a record that is enabled for smart search, smart search reindexes the record but the update does not display correctly in IDD.
MDM-16552	After you upgrade to version 10.2 HotFix 1, you cannot open the tasks that the secondary workflow engine created.
MDM-16547	If you specify overrides and edits when you merge records, IDD does not resolve foreign key or lookup values correctly.
MDM-16544	After you upgrade to version 10.2 HotFix 1, an Automerge batch job fails with a null pointer exception.
MDM-16529	When smart search is configured on two machines and the machines are started at different times, the cleanse logs grow to a large size.
MDM-16527	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-16526	In the Entity 360 framework, when you update a child record that has a one-to-many relationship with the parent, an error occurs.
MDM-16520	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-16514	A Salesforce external link embedded in Informatica Data Director does not display correctly.
MDM-16513	If you acquire a write lock from the Hub Console, and then run a smart search request, the query fails.
MDM-16494	In the subject area based Data view, you cannot configure queries correctly when a relationship base object contains the same physical name, but a different display name, as the parent base object and child base object.
MDM-16492	When you use ActiveVOS for workflow management, all task operations run slower than expected.
MDM-16490	When running MDM Multidomain Edition on Amazon Web Services (AWS) with no access to external resources on the internet, the Cross-reference view and History view do not display correctly.
MDM-16485	Custom fields in a Hierarchy Manager relationship do not display correctly in the Entity 360 framework.
MDM-16478	When you update a pending ActiveVOS task record, the reviewer might not see the updated values.
MDM-16473	When you run a match job, the merged ActiveVOS tasks might have an incorrect value in the ROWID_MATCH_RULE column of the merge history table.

Reference Number	Description
MDM-16471	The Matches view does not select the current record when it shows potential matches.
MDM-16470	If an IDD session times out, the MDM Hub generates another JSESSIONID while the original JSESSIONID still exists.
MDM-16465	When you open a merge task, the merge preview takes longer than expected to appear.
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-16442	In Informatica Data Director applications that use the business entity model, the Edit and Delete icons are not visible for the child records.
MDM-16439	During the data import process, the MDM Hub rejects some records and generates an error message.
MDM-16438	When you unmerge a subject area, the subject area child is not assigned to the correct parent.
MDM-16437	If you configure an additional workspace tab, the title of the tab might not display correctly.
MDM-16436	Informatica Data Director does not alert you when you enter an invalid value in a field.
MDM-16435	If you configure a custom logo to use in an IDD application, it might not display correctly. The image format must be PNG, JPEG, or GIF and must not exceed a width of 155 pixels and a height of 29 pixels.
MDM-16431	If you enable case insensitive search in the Hub Server properties, you cannot sort records by the Date column.
MDM-16428	When you update a record, the value that corresponds to the effective period of the record does not appear in the search results.
MDM-16427	Smart search does not work properly for a recently added MDM Hub user.
MDM-16419	In Informatica Data Director applications that use the subject area model, when you try to view an event detail in the History view, an error might occur.
MDM-16416	When case insensitive query search is enabled, the performance of the search query is poor.
MDM-16400	When you create a new business entity, IDD saves the time of the creation according to the Coordinated Universal Time (UTC) instead of the local time.
MDM-16387	When you deploy a business entity view and then update the length for a field, a null pointer exception occurs.
MDM-16377	In the Matching Records view, lookup values do not display correctly.
MDM-16369	When a business entity has multiple filters, automatic task assignment fails.
MDM-16324	Custom validation error messages generated through cleanse functions do not appear in the Entity 360 framework.
MDM-16175	If you use the Provisioning tool to adjust smart search configuration and set the facet range as empty, smart search does not work properly.

Reference Number	Description
MDM-16138	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-16086	A record with associated lookup fields does not open in the Cross-reference Records view.
MDM-15916	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-15872	The History view displays incorrect data for a timeline-enabled base object record.
MDM-15742	If you do not have administrative privileges, you cannot open tasks.
MDM-15647	When running MDM Multidomain Edition on Amazon Web Services (AWS) with no access to external resources on the internet, the Cross-reference view and the History view do not display correctly.
MDM-15554	You cannot create a relationship between an active and a pending record of the same business entity type.
MDM-15300	When you update a child record that has a one-to-many relationship with the parent business entity, the following error message appears: <p>SIP-50112: Could not run WriteCO business entity service. A record with Row ID [null] could not be found in business entity</p>
MDM-15277	When multiple child records exist, the data validation error points to the wrong child record.
MDM-15184	When you use the data provided by a DaaS provider to add a child business entity record, an error is generated.
MDM-15089	The Similar Records component is empty even though similar records exist.
MDM-15074	If you log in through single sign-on (SSO) and import data in bulk, a null pointer exception is generated when you try to download a report.
MDM-14796	The user interface of Informatica Data Director applications that use the business entity model and the user interface of the Provisioning tool do not display properly in the TV projector mode (1280 x 800).
MDM-14685	When ActiveVOS is the workflow engine, if you try to filter many tasks that have the same due date, the filter fails.
MDM-12785	In an Informatica Data Director environment with grandchild subject areas and one-to-many relationships, you cannot delete records from a child subject area.
MDM-11089	When a master record is edited, the value in the lookup column is set to the default column value.
MDM-10625	In the Hierarchy view, the history of a record does not display as expected.
MDM-10468	When you select a display language, not all the user interface text appears in the selected language.

Reference Number	Description
MDM-9364	When a reviewer edits data and then approves a task, the Comments dialog box appears before the validation process runs. The issue occurs when a user exit handles tasks.
MDM-6072	The merge preview displays an incorrect count of merge candidates.

Closed Enhancement Requests

MDM Hub Closed Enhancement Requests

The following table describes closed enhancement requests:

Reference Number	Description
MDM-17858	You can use the Oracle WebLogic T3S protocol.
MDM-17080	You can use the configuration automation tools in the Resource Kit to perform the following tasks: <ul style="list-style-type: none"> - Delete a single user in the MDM Hub Master Database. - Synchronize a single user from the LDAP server roles to the MDM Hub roles.
MDM-16770	You can deploy the Hub Server and Process Server applications in a logical Java Virtual Machine (JVM) group. In a JVM group, all communication between the Hub Server and Process Server applications stays within the group. To group JVMs, you assign a group ID to each JVM in the MDM Hub environment. To assign a group ID to a JVM, set the <code>-Dmdm.node.groupid</code> property in the Java options of the application server startup script.
MDM-16604	You can specify the maximum size in bytes of messages sent to the message queue. To specify the maximum size in bytes of messages sent to the message queue, set the <code>com.informatica.mdm.message.queue.max.bytes.threshold</code> property in the <code>cmxserver.properties</code> file.
MDM-13698	Informatica MDM Multidomain Edition supports WebLogic Server 12.2.1.

Informatica Data Director Closed Enhancement Requests

The following table describes closed enhancement requests:

Reference Number	Description
MDM-16819	You can enable file attachments for tasks when using the legacy views and Informatica BPM (ActiveVOS) Subject Area Workflows. To enable file attachments, set the <code>enableTaskAttachments</code> global property to <code>true</code> . The File Attachments section is displayed in the Task Details dialog box and in the Create Task dialog box.
MDM-16778	When you run a search query in IDD, the <code>hideSystemColumnsInResult</code> global property specifies whether the system columns appear in the search results. Set to <code>true</code> to hide the system columns in IDD search results.
MDM-16767	<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-16761	When you create a new relationship in Hierarchy Manager explorer view, the <code>deleteMovedRelInExplorerView</code> global property specifies whether the old relationship is deleted. Set to <code>false</code> to give the relationship an end date.
MDM-16672	You can set effective periods in Hierarchy Manager user exits.
MDM-16643	In the Save Handler user exits, you can use the <code>getChangedChildren</code> method to return modified or added child or grandchild records in a specified base object.
MDM-16583	When you update a Hierarchy Manager-enabled record in IDD, the <code>enableSaveForPeriodDialogForHmRel</code> global property prevents the effective period dialog box from appearing. Set to <code>false</code> to disable the effective period dialog box.
MDM-15946	To help you prioritize tasks, the Start page has the Create date column that displays the date on which a task was created. Also, the Start page has the Owner column that displays the current owner of a task.

Known Limitations

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

MDM Hub Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-18229	When you install the MDM Multidomain Edition in a Linux environment, the option to install the Informatica platform is not available.
MDM-15369	When Chinese characters are loaded into a staging table, some Chinese characters get corrupted.
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 cross-reference table column.
MDM-12129	Even though the required message trigger are enabled, the Restore API does not trigger MQ messages.
MDM-6419	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.

Informatica Data Director Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-17612	The Search Results page cannot display more than 130 records. Pagination does not exist for the Search Results page.
MDM-17407	When you update a field label using the Provisioning tool, the changed field labels do not appear in the following Informatica Data Director views: <ul style="list-style-type: none">- Matching Records view- History view- Cross-reference Records view
MDM-17395	The date fields in the Business Entity view, Matching Records view, and the Cross-reference Records view display the date along with the time stamp.
MDM-17227	When you search for a deleted record, the search results page displays the deleted record with an incorrect description.
MDM-16751	A smart search query that includes AND or OR in the search string fails.
MDM-16487	Merge tasks take longer than expected to open.
MDM-16459	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.

Reference Number	Description
MDM-15943	When many-to-many relationships exist between business entities and associated lookup fields, Business Entity Services do not return the child lookup field values.
MDM-15825	You cannot replace the default IDD application logo with a custom logo.
MDM-14962	Lookup fields do not appear as objects in an XML-to-Business Entity group transformation for a DaaS configuration.
MDM-14833	Merge tasks are not assigned automatically. The following error occurs: <code>java.lang.IllegalArgumentException: Properties with isMany = true can only be set on list values.</code>
MDM-14443	An XML-to-Business Entity transformation cannot map data from multiple XML nodes to a single object.
MDM-4288	In application server clusters, Informatica Data Director applications are not synchronized on all the MDM Hub nodes.

Provisioning Tool Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-16819	In the Provisioning tool, when you configure tasks, two new fields appear: Comments and Attachments . In this release, the Comments field must remain in the default setting of AsRequired and the Attachments field must remain in the default setting of Optional . The default settings ensure that tasks in Data Director continue to work as usual. In a future release, you will be able to use these fields to make comments or attachments mandatory for tasks. Caution: If you change the default settings in this release, you might encounter errors or unexpected behaviors.

CHAPTER 4

MDM Multidomain Edition Version 10.2 HotFix 1

This chapter includes the following topics:

- [Fixed Limitations, 35](#)
- [Closed Enhancement Requests, 45](#)
- [Known Limitations, 46](#)

Fixed Limitations

MDM Hub Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-15999	If you make a SIF Put call on a child record during a match batch job, and there is a match path from a parent to the child base object, the match job on the parent base object fails.
MDM-15975	If you search for and update a record, you can still search for and find the record through the values from the previous version of the record.
MDM-15974	When you add multiple business entities that have searchable columns, performance becomes slower.
MDM-15970	If you have hard delete detection enabled, the MDM Hub generates an error when you try to delete all records from one source system.
MDM-15967	In WebLogic environments, a Business Entity Service Post call fails to tokenize records.
MDM-15960	In the Microsoft SQL Server environment, a match job fails with the following error: [ERROR] com.siperian.mrm.match.cmxma.GetMatch: Could not open connection to DB: com.microsoft.sqlserver.jdbc.SQLServerException: The instance of the SQL Server Database Engine cannot obtain a LOCK resource at this time.

Reference Number	Description
MDM-15922	When the MDM Hub updates STRP tables during tokenization and automerge, the performance of queries is poor.
MDM-15900	<p>If you use a user exit to handle ActiveVOS tasks, the Task Actions drop-down menu disappears occasionally.</p> <p>To ensure the user exit loads ActiveVOS tasks correctly, add the <code>grytaskidfromprocessidtotalretry</code> property and the <code>grytaskidfromprocessidwaitintrvlmillis</code> property to the <code>c_repos_ds_pref_detail</code> table under <code>cmx_system</code> by running the following queries:</p> <pre>insert into C_REPOS_DS_PREF_DETAIL (ROWID_DS_PREF_DETAIL, ROWID_DS_PREF, NAME, VALUE)select 'BDDGP.36', rowid_ds_pref, 'grytaskidfromprocessidtotalretry', '3' from C_REPOS_DS_PREF where name = '__SYSTEM_PREFERENCES_ROOT__';</pre> <pre>insert into C_REPOS_DS_PREF_DETAIL (ROWID_DS_PREF_DETAIL, ROWID_DS_PREF, NAME, VALUE)select 'BDDGP.37', rowid_ds_pref, 'grytaskidfromprocessidwaitintrvlmillis', '1000' from C_REPOS_DS_PREF where name = '__SYSTEM_PREFERENCES_ROOT__';</pre>
MDM-15829	When you run a load job, null values might override values that are not null in columns that do not have trust enabled and in columns that are not selected in the staging table.
MDM-15685	The REST POST business entity service request does not add all the child records specified in the request to the business entity.
MDM-15670	When you validate an Operational Reference Store by using the Repository Manager, the validation generates errors if dependent lookups are defined on the Part Of child relationships.
MDM-15654	If a non-administrative user that does not have read access to searchable fields performs a smart search, the search fails.
MDM-15618	<p>Numeric data type does not work for the CleansePut SIF API requests and generates the following error:</p> <pre>SIP-10131: Data access error in running verb CLEANSE_PUT. SIP-23038: Internal error. The SQL statement generated the SQL error. Error converting data type nvarchar to numeric. The SQL statement is incorrect.</pre>
MDM-15609	In the Merge Manager tool, manual trust override might not work.
MDM-15592	<p>If you use default values for integer attributes in lookup columns, the load job fails with the following error:</p> <pre>ORA-00932: inconsistent datatypes: expected CHAR got NUMBER</pre>
MDM-15566	In a Microsoft SQL Server environment, load jobs fail if records contain empty column values.
MDM-15549	The records that the SearchMatch and the GetSearchResults SIF APIs fetch are not sorted based on the sort criteria.
MDM-15542	When you update records in a subject area and send for approval, a null pointer exception is generated.
MDM-15537	If a numeric column is included in the mapping between the landing and the staging tables, the stage job might fail.

Reference Number	Description
MDM-15352	In an IBM DB2 environment, when you enable the case insensitive index on base object columns, the Hub Console generates an exception.
MDM-15345	In a database that contains data in the Japanese character set, some characters do not display correctly in search results.
MDM-15344	In a WebSphere environment, when two sessions close at the same time, the environment becomes unresponsive.
MDM-15343	If a mapping has a number column, a stage job fails.
MDM-15339	When you create a match rule set with multiple match columns which take multibyte characters, the Generate Match Tokens batch job fails.
MDM-15316	SIF Put and CleansePut calls do not update cross-reference records correctly.
MDM-15305	A delete API call fails with a null pointer exception.
MDM-15302	You cannot view the most recent data change to an ActiveVOS task if you have a different role from the user who updated the task.
MDM-15287	If you unmerge a base object with a large volume of cross-reference records with multiple child records, the batch unmerge job fails with an out of memory error message.
MDM-15247	A Search Match API calls fails to return any records when the exact match column has a date data type.
MDM-15215	When you enable trust and validation rules on a base object column, the MDM Hub drops any custom index that you created on the XREF table for the column.
MDM-15175	<p>If you have an Operational Reference Store (ORS) with SSL encryption enabled, the ORS cannot synchronize with the Model repository of the Informatica platform and the MDM Hub generates an error.</p> <p>To synchronize an encrypted ORS with the Model repository of the Informatica platform, add the following properties to the <code>cmxserver.properties</code> file:</p> <pre>cmx.server.encryptionMethod=SSL cmx.server.validateServerCertificate=false</pre>
MDM-15173	In an IBM DB2 environment, if you run a match job with an exact match rule for a base object with high volume data, the transaction log becomes unmanageably large.
MDM-15150	<p>When you try to log in to the Hub Console, the following errors might be generated:</p> <pre>SIP-10313: SIP-10314: Couldn't load user console settings due to data access error. SIP-10324: Unable to close down JDBC objects opened for query. DSRA9350E: Operation Connection.commit is not allowed during a global transaction.</pre>
MDM-15148	If an update to a lookup column tries to replace a value with a null value, the update fails. The change is not written to the cross-reference record.
MDM-15135	In the legacy Matches view, the list of Potential Matches can contain multiple XREF and Relationship entries for the same item.

Reference Number	Description
MDM-15102	When you delete a hierarchy record from the Hub Console, the hierarchy record is not deleted. If the RBO hierarchy table is also enabled for lookups, the value continues to appear in lists in IDD.
MDM-15099	When a <code>removeMatchedRecords</code> request is called without the required <code>recordKeyList</code> parameter, the request deletes all records from the <code>_MTCH</code> table for the base object.
MDM-15097	When you run a match job on records with <code>consolidation_ind=9</code> and <code>consolidation_ind=4</code> , duplicate entries are inserted into the match table.
MDM-15084	When you have smart search enabled, if you make an update in the database and then run a load job, the job fails with the following error: <pre>java.rmi.RemoteException: com.siperian.common.SipException: SIP-05001: Database error. Caused by SQLException: sqlState=99999 errorCode=17006 Invalid column name</pre>
MDM-15075	Sometimes an updated cross-reference record does not cause the MDM Hub to fire a message trigger.
MDM-15059	When you run a load job on a base object with a staging table that is enabled for cell updates, an error occurs.
MDM-15032	In a Microsoft SQL Server and IBM WebSphere environment, if you enable distinct mapping load jobs fail with the following error: <pre>DataAccessException: SIP-10322: Unable to execute the SQL Invalid column name ROWNUM</pre>
MDM-15030	If you use a Korean population, and run a match job for Korean data, the Process Server fails.
MDM-14987	Geocode matching fails in a match job run on a database that is configured with UTF-8 encoding.
MDM-14984	The staging process truncates the values of some records after the decimal point.
MDM-14963	When staging tables are dropped and re-created, the best version of the truth (BVT) calculation does not consider the Allow Null Update property settings for the staging table columns. When a staging table is recreated, the cross-reference records loaded by the original staging table during BVT calculation are affected.
MDM-14941	When you run a match and merge job, some records remain with <code>consolidation_ind=4</code> in the base object table.
MDM-14902	An endpoint was vulnerable to a potential attack.
MDM-14901	After you enable the <code>cmx.server.kerberos.keytab</code> property in <code>cmxserver.properties</code> file, the following error appears in the <code>cmxserver.log</code> : <pre>Trying to get credentials for null usage: initiate only, use no subject, useAllCred : false acquiring default creds</pre>
MDM-14900	When you create a Data Quality cleanse function that uses the Strikelron service for Dun & Bradstreet http://ws.strikeiron.com/DCPPremium3?WSDL , the cleanse call fails with a user ID error.

Reference Number	Description
MDM-14898	When a foreign key column is trusted and has a default value, and you create a validation rule to downgrade trust, the best version of the truth calculation might not result in the correct value for this column.
MDM-14716	After you run an external match, the proxy role loses all assigned privileges. The EMO table that contained the privileges is empty.
MDM-14448	If an update to a lookup column tries to replace a value with a null value, the update fails. The change is not written to the cross-reference record.
MDM-14420	The PostMerge user exit fails when it makes a SIF Put call.
MDM-14219	When there are a high number of tasks, ActiveVOS times out while retrieving them and no tasks are returned. As part of this fix, ActiveVOS retrieves a maximum of 5000 tasks per request by default. You can change the maximum number of tasks by setting the following JVM parameter: – <code>Dtask.pageSize=<number of tasks>.</code>
MDM-14217	When a cleanse function uses a Data Quality mapplet with a decimal data type for the input and output ports, the decimal is considered a string and cannot be mapped to the float data type.
MDM-14216	When a cleanse function uses a Data Quality mapplet with a date data type port, the function fails.
MDM-14214	When you use a Data Quality mapplet in a cleanse function and run a stage job, the stage job processes and inserts only one record per minibatch size.
MDM-14196	The installer installs the SSA-NAME3 library files in the directory <code><MDM installation directory>/cleanse/lib/<operating system></code> instead of in <code><MDM installation directory>/cleanse/lib</code> .
MDM-14182	If you merge parent records and then unmerge them, the <code>last_update_date</code> field in a child record is incorrect.
MDM-14163	If you use Kerberos encryption, the Import Schema wizard prompts you for a password instead of a principal.
MDM-14025	If you have a message queue configured, a merge task publishes a message but the following error occurs: <code>SIP-09143: Error invoking addMergedRowid(String)</code>
MDM-13974	If you use the automation tool in the Resource Kit to synchronize users through LDAP servers, all the created user names are based on the common name (CN) component instead of the Security Access Manager account name.
MDM-11123	The proxy user role is not available.
MDM-10819	In the IBM DB2 environment, you cannot run the <code>create_db</code> script on any port other than the default port.

Reference Number	Description
HORA-51708	When you use WebSphere or JBoss, after you install or upgrade the Hub Server, you need to delete temporary files from the application server <code>Temp</code> directory and restart the application server.
HORA-50891	When you choose to install the Informatica platform as part of the Hub Server installation process, the prompts for the Informatica platform installation file locations do not appear.

Informatica Data Director Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-16034	You cannot open a task at all if your user role does not allow you to see record values associated with another user role.
MDM-15998	When you create relationships in the Hierarchy Manager, you cannot use the Tab button to navigate to the End Date field.
MDM-15997	Informatica Data Director user sessions end unexpectedly.
MDM-15996	If you try to open a record that has hidden pending relationships in the Hierarchy view, the following error message appears: Multiple parents are not allowed for entity. Relationship was not added to the graph.
MDM-15995	When you add the create date to a search query, Informatica Data Director shows incorrect values in the search result.
MDM-15981	The task inbox sometimes sorts ActiveVOS tasks inconsistently.
MDM-15969	When you add an effective date to a search query, Informatica Data Director shows incorrect search results.
MDM-15962	You cannot sort records that appear in the Potential Matches window of Informatica Data Director. To sort records in the Potential Matches window, add the <code>proactiveMatchResultSort</code> property to the <code>c_repos_ds_pref_detail</code> table under <code>cmx_system</code> by running the following query: <pre>insert into C_REPOS_DS_PREF_DETAIL (ROWID_DS_PREF_DETAIL, ROWID_DS_PREF, NAME, VALUE)select 'BDDGP.21', rowid_ds_pref, 'proactiveMatchResultSort', 'sortbyscorethenaction' OR 'sortbyactionthenscore from C_REPOS_DS_PREF where name = '__SYSTEM_PREFERENCES_ROOT__';</pre>
MDM-15959	In a WebLogic environment, if you use a password of greater than 16 characters to log in, you cannot view any tasks.
MDM-15958	If you select a value for a lookup field and multiple dependent lookup fields, and then select a different value for the lookup field, Informatica Data Director clears only the first dependent lookup field.
MDM-15957	In Hierarchy Manager, you cannot use a user exit to create multiple relationships.

Reference Number	Description
MDM-15948	If you use the Provisioning tool to set filters on numeric fields, a GET request fails.
MDM-15944	If the screen resolution is lower than 1366 x 768, the Export button does not appear in the Export Data dialog box.
MDM-15942	In the Matches view, users without merge privileges can add merge candidates.
MDM-15941	When you generate a business entity schema, the Operational Reference Store validation process generates the following errors: SIP-MV-17007 - The Transformation group root is incorrect SIP-MV-13007 - Constraint is not valid
MDM-15934	When you update a relationship record in the Hierarchy view, you can assign the relationship to a hierarchy to which it does not belong.
MDM-15933	If you map a lookup column to a cleanse function when you generate a business entity schema, the metadata validation process generates errors.
MDM-15932	In Hierarchy Manager explorer view, if a record has many entities, you cannot scroll the workspace to create a relationship between entities.
MDM-15928	When you create a search query including a lookup from the Search tab, Informatica Data Director does not display lookup records that are very long. To allow the list to adjust to accommodate the longest list item, add the <code>expandDropDownListShowFullValue</code> property to the <code>c_repos_ds_pref_detail</code> table under <code>cmx_system</code> by running the following query: <pre>insert into C_REPOS_DS_PREF_DETAIL (ROWID_DS_PREF_DETAIL, ROWID_DS_PREF, NAME, VALUE)select 'BDDGP.38', rowid_ds_pref, 'expandDropDownListShowFullValue', 'true' from C_REPOS_DS_PREF where name = '__SYSTEM_PREFERENCES_ROOT__';</pre>
MDM-15909	If you belong to a user group that is assigned to a role in the Hub Console, ActiveVOS tasks do not appear in the task inbox.
MDM-15908	If you search for and update a record and then send it for approval, some fields in the search results subsequently appear empty.
MDM-15903	When you create a search query including a lookup from the Search tab, Informatica Data Director does not display lookup records that are very long. To allow the list to adjust to accommodate the longest list item, add the <code>expandDropDownListShowFullValue</code> property to the <code>c_repos_ds_pref_detail</code> table under <code>cmx_system</code> by running the following query: <pre>insert into C_REPOS_DS_PREF_DETAIL (ROWID_DS_PREF_DETAIL, ROWID_DS_PREF, NAME, VALUE)select 'BDDGP.38', rowid_ds_pref, 'expandDropDownListShowFullValue', 'true' from C_REPOS_DS_PREF where name = '__SYSTEM_PREFERENCES_ROOT__';</pre>
MDM-15901	If you use a user exit to handle tasks, the user exit ignores pending records.
MDM-15873	In a WebLogic and Oracle environment, a smart search request does not find a recently created record.
MDM-15862	In the Task Manager, you cannot use the Due Date or On Time filters to sort ActiveVOS tasks.

Reference Number	Description
MDM-15861	In the Task Manager, you cannot use the Due Date or Owner filters to sort ActiveVOS tasks.
MDM-15860	If you bind an Informatica Data Director application to multiple Operational Reference Stores, data security does not work as expected.
MDM-15855	After you approve or reject a task, the environment becomes unresponsive.
MDM-15805	If you do not have an administrative user role, you cannot create a subject area record.
MDM-15796	If you do not enable In Message check box when you configure a message trigger, a Put call fails with a null pointer exception.
MDM-15683	When the end date of a relationship is 9999/12/31, you cannot open the associated entity in the Hierarchy view.
MDM-15679	The MDM Hub has security vulnerabilities related to Apache Commons Collections.
MDM-15674	If you use the Siperian workflow engine, the tasks assigned to users do not appear in their task inbox.
MDM-15673	If you have multiple Informatica Data Director applications that use different subject area names for the same Operational Reference Store, a null pointer exception occurs when you log in.
MDM-15668	You can edit or complete a task that another user owns.
MDM-15665	When you retrieve the history of relationships, a poorly described error message appears.
MDM-15657	If you use custom SSO authentication, a null pointer exception is generated when you open tasks.
MDM-15656	If you export a search result that contains many records, the performance of the export process is poor.
MDM-15690	In Informatica MDM Cloud Edition environments, you cannot perform a search in the related records component.
MDM-15671	When you click the Find Duplicates option, all the duplicate records might not appear.
MDM-15637	The searchable lookup does not return any results, but a basic search with the same query returns results. Also, if you open multiple search pages, only the last page displays the correct search results.
MDM-15636	If a subject area has multiple child subject areas with the attribute <code>expand="true"</code> and some with <code>expand="false"</code> , an error is generated when you try to open a record.
MDM-15627	If a business entity has many relationship records in the Hierarchy view, the performance of the query to fetch the relationship count is poor.
MDM-15616	If the screen resolution is lower than 1366 x 768, the OK button does not appear in the Search page.
MDM-15615	If you have multiple search forms open and you double-click a search result row on the uppermost search form, the other search forms close and an incorrect value might be selected for a target field.
MDM-15612	If a hierarchy has many levels and each level in turn has many relationships, the Hierarchy view takes a long time to open.

Reference Number	Description
MDM-15610	After you upgrade, even if the primary object is not ready, the Send for Approval button appears.
MDM-15548	In a WebLogic clustered environment, IDD might fail to launch with the following error: <code>ClassNotFoundException: Failed to load class weblogic.rmi.cluster.BasicReplicaList</code>
MDM-15356	After applying 10.1 HF2 EBF3 or EBF4, when users try to log in, the login fails with the following error: <code>AbstractMethodError</code>
MDM-15332	When you create a query on a subject area with a column that has a relationship type Part of Primary , an error occurs.
MDM-15313	If you create a record with a NULL value in a column that has NULL to NULL matching enabled, the record saves without any warning message about potential duplicates.
MDM-15310	A user exit implementation to add multiple child records generates an error.
MDM-15295	In a clustered environment, after a database update, the last update date of the database might not be synchronized across the cluster nodes and can generate an SDO exception.
MDM-15289	When you update a subject area field, the potential matches that appear misidentify the updated record as a new record.
MDM-15251	If you have multiple search forms open and you double-click a search result row on the uppermost search form, the other search forms close and an incorrect value might be selected for a target field.
MDM-15236	If you try to open a record from a search-only subject area, you cannot open the record later from any subject area.
MDM-15235	Users that do not have the privilege to merge entities can create merge tasks.
MDM-15229	After you import a data template into an IDD application, the application does not display the template from the Import Master Data option.
MDM-15226	In IBM DB2 environments, if you increase the size of the SSA_DATA column in the match key table to 2000 characters, metadata validation errors occur.
MDM-15100	In the Hierarchy Manager, when you add an entity to the canvas, a <code>NullPointerException</code> error is generated.
MDM-15098	When you select the Not a Match option for merge tasks, the following error message appears: <code>com.siperian.dsapp.jsf.server.DSUIServlet: Uncaught error</code>
MDM-15088	There was a possible Flex security issue in some SFW files that are packaged with IDD.
MDM-15086	The records from the relationship table are not shown in the child subject area when the values in ROWID_XREF and ROWID_OBJECT do not match.
MDM-15025	When the C_REPOS_TASK_ASSIGNMENT table contains a huge number of tasks, the Task Administration window takes longer than expected to open.
MDM-15017	When you make multiple searchQuery calls, the calls can intermittently generate a <code>ConcurrentModificationException</code> .

Reference Number	Description
MDM-14975	When you create a relationship between two timeline-enabled base objects, an exception occurs.
MDM-14974	If you send an ActiveVOS task for approval and then change your password in the Hub Console, the task remains in a pending state after approval and the MDM Hub generates an exception.
MDM-14955	When two Informatica Data Director applications are created for the same Operational Reference Store (ORS), you cannot have the same task type for both applications. When you edit the task configuration, the task configuration for the other ORS is overwritten.
MDM-14951	After a base object is indexed, you cannot search, filter, or facet the system fields of the base object.
MDM-14905	In an application that contains a large number of subject areas, when you run a smart search on all subject areas, the search fails.
MDM-14896	When you fetch tasks from ActiveVOS, the action sometimes fails with the following exception: <code>java.sql.SQLException: You cannot commit during a managed transaction</code>
MDM-14828	After you update data using a custom user exit that is called through a custom action, the data in the view is not refreshed.
MDM-14447	When you edit a record and do not fill a required field, the following validation error message appears twice: <code>Missing Required Fields in PartOfPrimary Child</code>
MDM-14417	In environments with single sign-on authentication for the Hub Console and IDD, the tasks the user creates do not appear in the Task Manager.
MDM-14342	When you update an ActiveVOS task, the action sometimes fails and an error occurs.
MDM-14343	If you approve a task without providing a comment, a null pointer exception is generated.
MDM-14218	When you set the <code>credentialsAutofillDisabled</code> property, the IDD login page does not set the <code>autocomplete</code> attribute for the Username and Password input fields.
MDM-14165	When a package includes columns from a cross-reference table, the Query Builder window displays these columns only for administrative users. These columns are hidden when other types of users are logged in.
MDM-13863	After you log in to an IDD application with user credentials that are validated through LDAP, a smart search fails with errors.
MDM-13862	After you change the name of a task type, the task type is shown as unavailable in the Task assignment tab. Before modifying the task type in the IDD configuration page, ensure that there are no tasks in IDD Tasks dashboard.
MDM-13176	When you have tasks with a mixture of On Time and Overdue statuses, if you filter the inbox to show only the tasks that are on time, the inbox does the opposite and shows only the tasks that are overdue. As part of the fix, you must update the MDM workflows.
MDM-12414	After you set the <code>maxParallelSavedQueriesThreads</code> global property to true, when you search for a record, a null point exception is generated.

Reference Number	Description
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-8615	When you use a Siperian workflow for tasks, a user with administrative rights cannot reassign tasks that belong to other users.

MDM Multidomain Edition on Amazon Web Services (AWS) Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-15844	You cannot open the Batch Viewer in the Hub Console.
MDM-15600	If you use ActiveVOS multitenant mode, ActiveVOS tasks are not visible. For more information, see “ActiveVOS MultiTenant Mode (MDM Multidomain Edition on Amazon Web Services)” on page 17 .

Closed Enhancement Requests

MDM Hub Closed Enhancement Requests

The following table describes closed enhancement requests:

Reference Number	Description
MDM-15968	You can specify the number of days of history to process for a batch group job log. To specify the number of days of history to process for a batch group job log, set the <code>cmx.server.jobControl.noOfDays</code> property in the <code>cmxserver.properties</code> file.
MDM-15323	You can use AddressDoctor Version 5.10.0 with the MDM Hub.
MDM-15293	You can set the property <code>mq.data.change.monitor.thread.start</code> in the <code>cmxserver.properties</code> and <code>cmxcleanse.properties</code> files to <code>false</code> to disable the message queue poller for individual nodes when the environment contains more than one Hub Server.
MDM-15162	A search query can return results that contain pending data changes to a base object.
MDM-2391	Informatica MDM Multidomain Edition supports Internet Protocol version 6 (IPv6).

Informatica Data Director Closed Enhancement Requests

The following table describes closed enhancement requests:

Reference Number	Description
MDM-15994	Date entry: You can use the <code>convert2DigitYearTo4Digit</code> global property to configure Informatica Data Director to adjust a two-digit year entry to a four-digit year entry. For example, if you enter <code>1/Jan/30</code> as the date, Informatica Data Director interprets the entry as January 1, 2030. If you enter <code>1/Jan/70</code> as the date, Informatica Data Director interprets the entry as January 1, 1970.
MDM-15990	For the ActiveVOS workflow engine, you can configure workflows to allow reviewers to perform multiple actions on a task without closing the Task tab.
MDM-15947	History view: The Last Update Date field displays the date a record was most recently updated. The History view also has an Updated By field that displays the name of the user that updated a record.
MDM-15723	You can configure Informatica Data Director to display custom action names in the More Actions menu to appear in a localized language. To localize the custom action names, add the custom action name and localized value pairs to the internationalization message bundles.
MDM-15466	In the foreign key column for a business entity, you can browse and select a related business entity from a list of related business entities. The selected business entity must be searchable.
MDM-15304	When you view change details in the History view, the details include the first and last names of the user that made the change.
MDM-15179	You can export a single record from the Search Results page.
MDM-15085	You can use the <code>enableCreateBEMenuGrouping</code> global property to set logical create menu groups based on subject area groups.
MDM-13345	In the Provisioning tool, you can configure IDD applications to have business entities that are not visible to all users within the Entity 360 framework.

Known Limitations

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

Informatica Data Director Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-15946 MDM-8652	On a Start page with the legacy Task Inbox, the columns Created date and Owner are not visible. Note: This enhancement was added in 10.1 HF4, but it was not possible to implement it in time for this release.

Smart Search Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-14944	The Initially Index Smart Search Data job fails if a business entity name contains an underscore. Workaround: Avoid underscores in business entity names.

ActiveVOS Known Limitations

The following table describes known limitations:

Reference Number	Description
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.

CHAPTER 5

MDM Multidomain Edition Version 10.2

This chapter includes the following topics:

- [Fixed Limitations, 48](#)
- [Closed Enhancement Requests, 63](#)
- [Known Limitations, 64](#)

Fixed Limitations

MDM Hub Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-13844	When staging tables are dropped and re-created, the best version of the truth (BVT) calculation does not consider the Allow Null Update property settings for the staging table columns. When a staging table is recreated, the cross-reference records loaded by the original staging table during BVT calculation are affected.
MDM-13840	When you upgrade an Operational Reference Store from version 9.1.0 to 10.1, an error similar to the following sample is generated: ERROR at line 1:ORA-20005: Migration failed: Call automerge job. ORA-04063: package body "SIP_SAMPLE.CMXLOCK" has errors ORA-06508: PL/SQL: could not find program unit being called: "SIP_SAMPLE.CMXLOCK" ORA-06512: at line 110
MDM-13803	If a foreign key value is updated with a null value when the option to update cells is enabled in the staging table, the load job fails. The reject table is not populated with rejected records and an error message does not appear.
MDM-13707	In a Microsoft SQL Server and IBM WebSphere environment, if you enable distinct mapping load jobs fail with the following error: DataAccessException: SIP-10322: Unable to execute the SQLInvalid column name ROWNUM

Reference Number	Description
MDM-13406	In a Microsoft SQL Server environment, load jobs fail if records contain empty column values.
MDM-13348	Match jobs with large batch sizes take a long time to run.
MDM-13222	In the Microsoft SQL Server environment, if you use a database port number other than the default, which is 1433, Operational Reference Store (ORS) upgrades fail.
MDM-13171	When you unmerge records, the merge update event trigger entry in the C_REPOS_MQ_DATA_CHANGE table contains incorrect source systems in the SRC_ROWID_SYSTEM and TGT_ROWID_SYSTEM columns.
MDM-13142	If you use a Korean population, and run a match job for Korean data, the Process Server fails.
MDM-13055	When a merge job runs, the MDM Hub generates incorrect best version of the truth (BVT) for records that undergo consolidation.
MDM-13011	When you soft delete a cross-reference record, the base object is soft deleted even if other cross-reference records are active.
MDM-12988	When using IBM DB2 for the Hub Store, messages are not sent to the JMS queue.
MDM-12944	A composite service request populates the create date column of a base object with the current date instead of the create date that is passed in the composite service request.
MDM-12723	The PromotePendingXrefs API might not promote the correct cross-reference records, which results in base objects with incorrect data updates.
MDM-12555	When you use the Automerger job to delete the match records for all base object records with consolidation_ind=9, the performance is unacceptably slow. The issue occurs when the database contains a million affected base object records and the match table contains greater than 2 million records.
MDM-12517	When you run a load job, the MDM Hub rejects records for timeline-enabled base objects and generates the following error: SIP-40614: Cannot perform the timeline action because a PERIOD_REFERENCE_TIME value was not specified. Specify a time for PERIOD_REFERENCE_TIME.
MDM-12113	If a hierarchy has a bidirectional relationship, a load job fails with the following error message: SIP-40204: ERROR: Could not load data into Hierarchy Manager relationship base object. Ensure the hierarchy, relationship type, and entity types that you specified in the load request exists in the hierarchy configuration for your Operational Reference Store.
MDM-12109	When the Allow non-contiguous effective periods option is disabled for a base object and you try to add cross-references with different effective periods to a record, the MDM Hub generates the following error message: SIP-40600:Active periods cannot have gaps.
MDM-11973	If you run a batch unmerge job on a child record with more than 1000 cross-reference records, the MDM Hub generates an exception.
MDM-11971	If you make a Put API call to update a child record, the foreign key of the parent base object might point to the wrong cross-reference record.

Reference Number	Description
MDM-11963	If the effective period of the parent record precedes the effective period of the subject area child, then task creation fails with no error message.
MDM-11903	When you update an entity in the Hierarchy Manager, the following error occurs: SIP-10321: Relationship type with rowid x not found in request.
MDM-11688	In the Microsoft SQL Server environment, the MDM Hub incorrectly detects the records that are hard-deleted in source systems.
MDM-11594	When you enable the Match Subtype property on a match column, some unrelated records might be matched.
MDM-11538	After upgrading from Informatica MDM Multidomain Edition version 9.5.1 HF1, support for Oracle VPD is missing.
MDM-11145	When the Cleanse Reject function rejects a stage record, the reject table does not include the SRC_ROWID value of the rejected record.
MDM-11139 MDM-10663	You can see the New drop-down menu in Informatica Data Director without assigning create privileges on the subject area of the associated base object.
MDM-11058	When a stage job loads unicode data that is rejected for exceeding the column length, the reject table is not populated with the rejected records
MDM-11036	If you do not select a package when you configure a message trigger, the message queue displays the following error message: Record not found in package
MDM-11007	When you delete a record that has cross-references from different sources, some fields in the cross-references records can change.
MDM-10981	When you run a Stage job with the Enable distinct option enabled in mapping, some records might not be inserted in the staging table.
MDM-10951	When you run match and merge jobs, the transitive matching process uses the wrong rowid_match_rule. The fix requires that the Accept All Unmatched Rows as Unique property is enabled. You can find the property in the match merge properties for the base object.
MDM-10945	When you run a match job in parallel with real-time updates, the match job fails.
MDM-10944	When you run a load job on a base object where the stage table is cell update enabled and has a lookup to another base object, the load process generates the following error: [ERROR] com.informatica.mdm.batch.load.LoadWorker: java.lang.ClassCastException: java.math.BigDecimal cannot be cast to java.lang.String
MDM-10943	When you enable Delta Detection and Allow staging if prior duplicate was rejected on a staging table, the stage job does not stage the records from the reject tables.
MDM-10942	The database upgrade script adds the prefix CLM% to the display name of system columns and user-defined columns.

Reference Number	Description
MDM-10856	You can run a Put call on a child base object at the same time that you run a match job on the parent base object. If there is a match path from the parent base object to the child base object, a locking issue occurs on the parent DRTY table.
MDM-10520	If you update a base object with multiple cross-reference records, the MDM Hub sends multiple messages to the message queue.
MDM-10448	If you enable cross-reference columns for case insensitive search, and then create more cross-reference columns, the MDM Hub nullifies the newer cross-reference columns when you run an automerge job.
MDM-10435	A match analyze job might fail with the following error: SIP-16080: SQL error while trying to put search ranges on hold. Error was SIP-10313: Failed to obtain locks: SIP-10322: Incorrect syntax near 'c'
MDM-10280	When you call executeBatchUnmerge SIF from a SOAP interface, errors are generated in the log file.
MDM-10264	When you save a custom query, the query might become unresponsive.
MDM-10225	When running sip_ant updatemasterdatabase, the database migration script fails with the following error: ORA-00959: tablespace 'CMX_IND' does not exist
MDM-10220	When you mark columns as putable in the base object table, the load process can incorrectly write null values to the putable columns in a base object record and a cross-reference record.
MDM-10101	The match batch process fails when real-time operations run in parallel.
MDM-10095	When you have multiple Operational Reference Stores (ORS) with the same name and you import the user exit JAR file into each ORS, the Process Server fails to launch with a fatal exception.
MDM-10076	When you run an unmerge batch job, multiple cross-references associated with the same base object cannot unmerge and an error occurs.
MDM-9105	After an edit to a record is approved, when you edit the same record again, a NULL value is written to the interaction_id column of the C_REPOS_TASK_ASSIGNMENT_HIST table. The issue occurs when you use Siperian BPM and the Hub Store is in Microsoft SQL Server or IBM DB2.
MDM-9930	When you have multiple Operational Reference Stores (ORS) with the same name and you import the user exit JAR file into each ORS, the Process Server fails to launch with a fatal exception.
MDM-9860	When you update or promote a package from the Hub Console, all user privileges that you granted on the corresponding Oracle view are removed.
MDM-9792	A match analyze job might fail with the following error message: Comparison method violates its general contract!
MDM-9610	For a base object record, you can set up a message trigger for multiple source systems. For each update to the base object record, multiple messages are published to the queue instead of a single message.
MDM-9597	You can assign batch group permissions to a user who is not an administrator. When this user logs in to the Hub Console from a remote computer, it can take up to 15 minutes to display the batch groups.

Reference Number	Description
MDM-9573	A failed job in a batch group does not get logged in the job control table. Restriction: When a job fails due to a database connectivity issue, the failed job cannot appear in the job control table. The failure appears in the cmxserver log. Enhanced the message details in the log file.
MDM-9439	The metadata validation process generates the following error: SIP-PV-10225 Data type 'VARCHAR2' of column 'V_' in 'C_XREF' in the database is different from 'INT' in the metadata. This issue occurs when the character type in the database does not match the character type in metadata.
MDM-9431	When you specify the limitDate parameter for the ExecuteBatchExtractBTVVersions element in a request, the timeline extract process ignores the time portion of the limitDate parameter.
MDM-9430	After you enable a database user exit, the load process fails with the following error: java.rmi.RemoteException: java.lang.ClassCastException: oracle.jdbc.driver.T4CConnection cannot cast to com.delos.cmx.server.datalayer.ConnectionData
MDM-9427	When you mark columns as putable in the base object table, the load process can incorrectly write null values to the putable columns in a base object record and a cross-reference record.
MDM-9405	After you run a timeline extract process, the extracted records have blanks or NULLs in the creator, create_date, and updated_by_fields columns.
MDM-9308	Custom queries that contain greater than 4,000 characters cause the searchQuery API to fail with a syntax error.
MDM-9279	When you run a batch group that runs multiple stage jobs in parallel against the same landing table, the stage jobs fails with the following error: "ORA-00955: name is already used by an existing object"
MDM-9216	You can assign batch group permissions to a user who is not an administrator. When this user logs in to the Hub Console from a remote computer, it can take up to 15 minutes to display the batch groups.
MDM-9211	If you have hierarchy configured for a grandchild base object, the WriteBE Business Entity Service does not insert records into the business entity and generates the following error: "errorCode": "SIP-50100", "errorMessage": "com.siperian.sif.message.hm.AddRelationshipResponse cannot be cast to com.siperian.sif.message.mrm.PutResponse"
MDM-9196	For each insert or update, more than one message is published on the message queue.
MDM-9005	An unmerge event might not trigger any outbound message.
MDM-9002	The cmxserver and cleanse logs are not rolling over when they reach maximum size. As part of this fix, new log files were added. For more information about logging, see the <i>Configuration Guide</i> .
MDM-8897	After the upgrade, the generic Service Integration Framework (SIF) WSDL that is generated is not valid.
MDM-8861	When you run an unmerge batch job, multiple cross-references associated with the same base object cannot unmerge and an error occurs.

Reference Number	Description
MDM-8800	When an update task is created and approved, the task assignment history table, c_repos_task_assignment_hist, is not updated with a valid Interaction ID value.
MDM-8756	If multiple columns contribute to the primary key, and if one of the columns from which the primary key is derived is null, stage job fails if delta detection is enabled.
MDM-8722	You cannot preserve source system keys during load jobs that are run after the initial load job.
MDM-8666	Some SearchMatch requests fail due to a synchronization issue with SearchMatch worker threads. The issue occurs randomly in a fast-paced environment.
MDM-8527	If data from multiple source systems exist in a timeline-enables base object, you cannot get the best version of the truth (BVT) of past, present, and future data.
MDM-8201	When you open the batch viewer and then reduce the size of the Hub Console, some information is off screen and there is no scroll bar.
MDM-7188	After merging records, preexisting tasks do not become obsolete. The tasks continue to appear in the Task Inbox in Informatica Data Director. If you open one of these tasks, you see an error.
MDM-7164	During the stage process, the performance of the delta detection operation is poor.
MDM-7173	In the History view, the wrong event details are displayed for lookups when the base object record row ID is different than the cross-reference record row ID.
MDM-6266	After you load data that has a higher trust value than the existing data, the trust calculation is incorrect.
MDM-5639 HORA-46448	When changes to effective dates are not contiguous with the original effective dates, the Mark for Save action fails.
MDM-5577	If you use the Promote API but do not provide a source key, the MDM Hub runs an SQL statement that results in a full table scan. Consequently, performance becomes slower.
MDM-805	When you perform Informatica platform staging and there is more than one Operational Reference Store registered in the Hub Console, metadata might be inaccurate. Updates to staging table metadata are inaccurate if there are base objects with the same name in different Operational Reference Stores.

Informatica Data Director Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-13920	When you log into an IDD application with a Korean user name, the login fails with an exception.
MDM-13625	If you use a custom login provider module to log in to Informatica Data Director, the main page does not display correctly.

Reference Number	Description
MDM-13453	If you have multiple Informatica Data Director applications that use different subject area names for the same Operational Reference Store, a null pointer exception occurs when you log in.
MDM-13452	If you use a custom login provider module to log in to Informatica Data Director, the main page does not display correctly.
MDM-13119	In the Data view, the Relationship section for an entity might not expand, and the following error appears: <code>"ORA-12704: character set mismatch for GET ONEHOP"</code>
MDM-13110	You cannot clear a dropdown value that you selected.
MDM-12943	When using the ReadCO service on a business entity, a GET request fails if the text in the field contains a dollar sign (\$).
MDM-12874	When you click Change Language and select a locale, the text in the user interface does not change.
MDM-12700	When you load tasks in IDD, the process might fail with the following error: <code>SIP-10324: Unable to close down JDBC objects opened for query</code>
MDM-12692	If you have ActiveVOS configured in the MDM Hub environment, in IDD, a merge task might fail to merge records.
MDM-12516	When you update a record for an entity that was created in another source, Informatica Data Director creates a cross-reference record with empty effective dates.
MDM-12211	The import of an Informatica Data Director application to another environment fails when the application is in a ZIP file.
MDM-12013	When you move the pointer over a record that contains an apostrophe, the original and merged values do not appear in the merge preview.
MDM-11862	From the legacy Matches view, if you open a merge candidate in the Data view, make a change, save, and then return to the Matches view, the merge candidate does not always show the latest data. The replacement Matching Records view does not permit you to open a merge candidate to change. Changes to merge candidates from other IDD instances are reflected in the view.
MDM-11392	If you open a task pending approval, in the dependent lookup value of the child lookup column, the description of the original value appears as code.
MDM-11282	When you update a record and select the XREF view, the following error message appears: <code>Cross references not found for the current master record.</code>
MDM-11152	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.
MDM-11087	When you log in to Informatica Data Directory and bookmark the redirected URL in a browser, the bookmarked URL does not open Informatica Data Director.
MDM-11085	If LDAP authentication is enabled, you can log in to Informatica Data Director, but your user name does not display in the upper-right corner of the page.

Reference Number	Description
MDM-11083	When you update a pending ActiveVOS task record, Informatica Data Director does not preserve the pending state when it applies the changes.
MDM-11077	When you save a subject area record at the same time as another user, you might get an error.
MDM-11002	In the Potential Matches area, when the number of matched records exceeds the page size, the remaining matched records appear on additional pages. When you sort the matched records, the matched records on the visible page are sorted, but the matched records on the other pages disappear.
MDM-10950	When you create a task for a record that has cross-reference records from more than one source system, a null pointer exception is generated.
MDM-10867	When you log in with user credentials that are not valid, a blank page appears.
MDM-10866	After you localize lookup tables to support multiple languages, the values in some drop-down lists do not reflect the selected locale.
MDM-10801	The Data Security filter does not work properly on child match path columns.
MDM-10686	When you update a record for an entity that was created in another source, Informatica Data Director creates a cross-reference record with empty effective dates.
MDM-10637	You can search for records that contain Turkish characters.
MDM-10629	When you create a task for a record that has cross-reference records from more than one source system, a null pointer exception is generated.
MDM-10626	In the Hierarchy view, the history of a record does not display as expected.
MDM-10616	If you add a relationship type to hierarchies in a Microsoft SQL Server environment, Informatica Data Director does not add the relationship type to the <code>Metadatabundle.properties</code> file.
MDM-10543	If you edit a parent record, and then click the Cancel button, grandchild records of the parent record do not retain their read-only status.
MDM-10528	It takes longer than expected to open a merge task.
MDM-10524	Dependent lookup does not work for saved search queries.
MDM-10523	When you update a timeline-enabled parent record in a subject area, and if a child record that is not timeline-enabled in turn has a child record that is marked for update, the IDD application fails. An <code>IndexOutOfBoundsException</code> error is generated.
MDM-10323	<p>When the metadata for an Operational Reference Store is not valid, Informatica Data Director does not display the list of deployed applications. Applications that use a different, valid Operational Reference Store are also unavailable.</p> <p>To show the list of deployed applications, edit the <code>cmxserver.properties</code> file and add the following property:</p> <pre>cmx.display.deployed.invalid.met.app=true</pre>

Reference Number	Description
MDM-10295	You can import data into a lookup table with INT values as keys. When the import process encounters an integer value greater than 2^{32} , the process generates a <code>java.lang.NumberFormatException</code> error.
MDM-10272	Some validation error messages identify subject areas by the name instead of the display name. The issue occurs for subject area child records with the relationship type Part of Primary.
MDM-10120	When you create a record, the one-to-one child subject area for the record is blank and you cannot see the one-to-one child values in Matches view.
MDM-10098	In the Data view, some required fields are not enforced. This issue occurs when the required fields belong to subject area child records with the relationship type Part of Primary .
MDM-10097	The Hub Server properties http-only and cookie-secure do not work in Informatica MDM Multidomain Edition 9.7.1 and later.
MDM-10074	You can include child records in search results by enabling the <code>includeChildrenToSearchResults</code> property. If you open a record from the search results and then update the parent record, when you return to the search results tab, the values for the child records do not appear.
MDM-10073	When the data type is NUMBER(15,8), Informatica Data Director displays a zero value as 0E8 instead of 0.
MDM-10059	When you update the effective period of a record, some columns might be saved with the NULL value.
MDM-10058	You cannot create and save data for a new effective period. The following error is generated: SIP-10165: Input value is required for column: ROWID_OBJECT.
MDM-10056	In the History view, subject area child records are identified by the name instead of the display name.
MDM-10053	When you save a query, the save process fails with an error. This issue occurs when the query references a record that is related to the base object record by the Part Of relationship type.
MDM-10051	When you open a child XREF tab, no information appears.
MDM-10049	The first time you log in to Informatica Data Director, the log in process takes longer than expected.
MDM-10045	In WebLogic environments, when Informatica Data Director redirects a user to the login page, a blank page appears instead of the login page.
MDM-10041	When history is enabled on base objects and you use the GET Package API to query the base object, the query fails with a data access error. This issue is related to the shadow columns that were added to improve traceability between child and parent cross-reference records (MDM-3492).
MDM-10035	When you edit and save the effective period for a record, the following error is generated: 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.
MDM-10030	When multiple grandchild records access the same base object through different match paths, you cannot view the details of an associated task.

Reference Number	Description
MDM-9974	After you install Informatica MDM MDE version 10 HotFix 2 EBF 6, a user cannot claim or open a task.
MDM-9955	<p>When the metadata for an Operational Reference Store is not valid, Informatica Data Director does not display the list of deployed applications. Applications that use a different, valid Operational Reference Store are also unavailable.</p> <p>Fix: To show the list of deployed applications, edit the <code>cmxserver.properties</code> file and add the following property:</p> <pre>cmx.display.deployed.invalid.met.app=true</pre>
MDM-9821	For a base object that has timeline enabled, you cannot create a relationship with a future date or past date.
MDM-9818	The history view in Hierarchy Manager does not work as expected. For a base object that has timeline enabled, you cannot create a relationship with a future date or past date.
MDM-9798	In the Hierarchy view, when you view the event details of the relationship history of a record, an error occurs.
MDM-9622	If a child foreign key in a search query has a specific option, the searchQuery API returns incorrect search results.
MDM-9620	When you perform a full export of the data from the Search Results page, some fields are missing. The missing fields belong to subject area child records with the relationship type Part of Primary .
MDM-9615	When you create a task from the Search Results page, you do not see a confirmation message that the task was created successfully.
MDM-9612	In the History view, subject area child records are identified by the name instead of the display name.
MDM-9608	After you send a task for approval, a warning message states that you will not see the new record due to the security filters. After the task is approved, you can see the record.
MDM-9606	When you open a child XREF tab, no information appears.
MDM-9556	When user names contain uppercase letters, the task inbox does not show the tasks for these users.
MDM-9554	When you log in to Informatica Data Director with external authentication, the task inbox does not contain pending tasks and the logs contain a <code>NullPointerException</code> error.
MDM-9551	In WebLogic environments, when Informatica Data Director redirects a user to the login page, a blank page appears instead of the login page.
MDM-9490	After you use a REST API to add an effective period to an entity that is enabled for Hierarchy Manager, the cross-reference table does not contain the specified period start date and end date.
MDM-9440	When a parent record has multiple child or grandchild records and you update one of the child or grandchild records, the save process takes longer than expected.
MDM-9391	In the XREF view, the fields for subject area child records with the relationship type Part Of Primary do not appear.

Reference Number	Description
MDM-9388	In the search fields, a drop-down list is empty. The lookup column containing the fields is in a subject area child record with the relationship type Part of Primary .
MDM-9383	When you change the effective date of a child record, Informatica Data Director applies the same effective date to the parent record.
MDM-9365	When a reviewer edits data and approves a task, the Comments dialog box appears before the validation process runs. The issue occurs when a user exit handles tasks.
MDM-9213	When you create business entities as an external user and send for approval, Informatica Data Director does not create review tasks for the business entities. The issue occurs if the MDM Hub uses the ActiveVOS Server as the default workflow engine and an external user profile provider to manage user profiles.
MDM-9196	For each insert or update, more than one message is published on the message queue.
MDM-9179	Custom queries that contain greater than 4,000 characters cause the searchQuery API to fail with a syntax error.
MDM-8866	In the Hierarchy Manager, when you create a relationship and then end the relationship, the following error is generated: <code>SIP-10321: Error updating relationship record</code>
MDM-8854	When history is enabled on base objects and you use the GET Package API to query the base object, the query fails with a data access error. This issue is related to the shadow columns that were added to improve traceability between child and parent cross-reference records (MDM-3492).
MDM-8846	You can include child records in search results by enabling the includeChildrenToSearchResults property. If you open a record from the search results and then update the parent record, when you return to the search results tab, the values for the child records do not appear.
MDM-8838	When you select an unopened record in a grandchild subject area, the load process runs. If you click the Add button while the record is loading, a <code>NullPointerException</code> error is generated.
MDM-8836	When the data type is NUMBER(15,8), Informatica Data Director displays a zero value as 0E8 instead of 0.
MDM-8833	In the Hierarchy Manager, when you click Get One Hop , the following error is generated: <code>SIP-10324: The data types nvarchar and datetime2 are incompatible in the add operator.</code> This issue occurs when the entity label uses the date column.
MDM-8761	When you update the effective period, the following error is generated: <code>SIP-40608: Cannot update the effective period. The start date or end date is not valid.</code> This issue occurs when a cross-reference record contains null values for the start date and the end date.
MDM-8759	The search results might contain incorrect values because of conflicts between the ROWID_OBJECT and ROWID_XREF values.
MDM-8736	In the XREF view, the values for the trust-enabled columns of a record are incorrect.

Reference Number	Description
MDM-8683	When you update the effective period of a record, some columns might be saved with the <code>NULL</code> value.
MDM-8681	You cannot create and save data for a new effective period. The following error is generated: <code>SIP-10165: Input value is required for column: ROWID_OBJECT.</code>
MDM-8680	When you update a timeline-enabled parent record in a subject area, and if a child record that is not timeline-enabled in turn has a child record that is marked for update, the IDD application fails. An <code>IndexOutOfBoundsException</code> error is generated.
MDM-8642	When you edit and save the effective period for a record, the following error is generated: <code>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.</code>
MDM-8533	In the Hierarchy view, when you select Actions > History View , select a base object update event, and then click View Event Details , the application crashes.
MDM-7190	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 <code>NullPointerException</code> is generated.
MDM-7173	In the History view, the wrong event details are displayed for lookups when the base object record row ID is different than the cross-reference record row ID.
MDM-5639 HORA-46448	When changes to effective dates are not contiguous with the original effective dates, the Mark for Save action fails.
MDM-5577	If you use the Promote API but do not provide a source key, the MDM Hub runs an SQL statement that results in a full table scan. Consequently, performance becomes slower.
MDM-805	When you perform Informatica platform staging and there is more than one Operational Reference Store registered in the Hub Console, metadata might be inaccurate. Updates to staging table metadata are inaccurate if there are base objects with the same name in different Operational Reference Stores.

Provisioning Tool Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-11114	When you delete a field from a business entity model, an internal server error with Error Code: 5003 occurs.
MDM-8561	When you open the modeling page, an error occurs when there is an unsupported configuration of a dependent lookup. A lookup in the schema depends on a simple field in a business entity root instead of another lookup. Workaround: In the IDD configuration file, replace <code><lookupDependency/></code> in the lookup with <code><subtypeQualifier></code> .

Reference Number	Description
MDM-8518 MDM-12346	If you configure field search properties in the Provisioning tool, an error occurs when you run the batch job to initially index data for search. Workaround: Specify a language in the field search properties.
MDM-8091	When modeling fields for a business entity and you have not selected the Facet check box, you can still enter values for facet range. The Provisioning tool ignores any values you enter for the facet range unless you select the Facet check box.
MDM-7840	Occasionally, when you select an Operational Reference Store and then click the Modeling tab, an error occurs. Workaround: In the Hub Console, register the Operational Reference Store again and then restart the application server.
MDM-7766	If you use the Provisioning tool to create a business entity name with a space in the name, the MDM Hub becomes corrupted. Workaround: Create a business entity without a space in the name.

IDD Views Based on the Entity 360 Framework - Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-8571 HORA-51893	A record that displays as pending in the Data view does not display as pending in the Business Entity view. You cannot edit the pending record in the Business Entity view.
MDM-8149	If you change the configuration of a task, the Task Manager generates an occur. Workaround: Restart the application server.
MDM-6058	In the Task Manager, if task titles contain nonalphanumeric characters, such as commas or parentheses, you cannot filter tasks. Workaround: Ensure that task titles contain only alphanumeric characters.

Smart Search Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-10619	Search results do not include system fields. The issue occurs because the Search BE REST API does not support the <code>readSystemFields</code> parameter.
MDM-10232 MDM-10007	When the Hub Server and the Process Server are installed on separate machines, smart search does not work.
MDM-8599	A smart search request does not return the pending records in the search results.

Reference Number	Description
MDM-5785	A smart search request does not facet the dates that are earlier than 1970.
MDM-3246 HORA-51758	Smart search requests do not display the merged or unmerged records after you manually merge or unmerge records in the Data Manager.

ActiveVOS Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-11134	Claimed tasks are not visible to other users with the same role in Informatica Data Director.
MDM-10946	When you create business entities as an external user and send for approval, Informatica Data Director does not create review tasks for the business entities. The issue occurs if the MDM Hub uses the ActiveVOS Server as the default workflow engine and an external user profile provider to manage user profiles.
MDM-9080	When a reviewer approves a task, the reviewer's credentials are not returned with the response for the task.
MDM-9040	When you use ActiveVOS, a reviewer can take an action on a proposed changed without being required to add a comment. To make comments mandatory for all task actions, set <code>manualReassign=true</code> .
MDM-8888	<p>If you use ActiveVOS, the Task Inbox displays one page irrespective of the number of pages that must appear based on the number of tasks. If the number of tasks exceeds the task count for a page, the tasks that exceed the task count for a page do not appear in the Task Inbox.</p> <p>To configure a specified number of tasks to appear on each dashboard page, add the <code>dashBoardTasksPerPage</code> property.</p> <p>To add the <code>dashBoardTasksPerPage</code> property to the MDM Hub Master Database, run the following query as a <code>cmx_system</code> user:</p> <pre>insert into C_REPOS_DS_PREF_DETAIL (ROWID_DS_PREF_DETAIL, ROWID_DS_PREF, NAME, VALUE)select 'BDDGP.1', rowid_ds_pref, 'dashBoardTasksPerPage', '<number of tasks to display on each dashboard page>'from C_REPOS_DS_PREF where name = '__SYSTEM_PREFERENCES_ROOT__';</pre> <p>You can set the number of tasks to display on each dashboard page to one of the following values:</p> <ul style="list-style-type: none"> - 10 - 25 - 50 - 100
MDM-8002	Unclear how to create email escalations with ActiveVOS and the MDM Identity Provider.
MDM-6506	<p>The Task Manager displays tasks that are claimed by another user. You can edit tasks that are claimed by another user.</p> <p>Workaround: Do not edit tasks that are claimed by another user.</p>

Business Entity Services Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-10294	When you send a request to retrieve a composite record that has many nested child records, the retrieval performance is poor. Note: Fewer records display than expected. Workaround: To view more records, in the database configuration tool in the MDM Hub Console, set the GET List limit to a maximum value of 5999.
MDM-7291	If you use a REST API to post a child record to a Person record, an error occurs. Workaround: Add the following lines of code to the <code>Transformations_config.xml</code> file. <pre><group source="Person" target="Person"> </group> <group source="Organization" target="Organization"> </group></pre>
MDM-5333	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.

Hierarchy Manager Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-10052	In the Hierarchy Manager, when you view the event details of the relationship history of a record, an error occurs.
MDM-10057	In the Hierarchy Manager, when you create a relationship and then end the relationship, the following error is generated: SIP-10321: Error updating relationship record.

User Exit Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-11174	When you use a post-load user exit to perform an automerge, the automerge process fails with the following errors: [ERROR] com.informatica.mdm.batch.automerge.BatchAutomerge: Automerge block failedjava.lang.RuntimeException: Unable to obtain User Exit Sif Service instance
MDM-10300	When you have multiple Operational Reference Stores (ORS) with the same name and you import the user exit JAR file into each ORS, the Process Server fails to launch with a fatal exception.

Services Integration Framework Fixed Limitations

The following table describes fixed limitations:

Reference Number	Description
MDM-10522	When you create a Service Integration Framework (SIF) call to a timeline-enabled object, if you do not pass all columns, the SIF call fails.
MDM-10429	When you make a Put API call, the foreign key column for a cross-reference record does not store the updated value.
MDM-10221	After the upgrade, the generic Service Integration Framework (SIF) WSDL that is generated is not valid.

Closed Enhancement Requests

MDM Hub Closed Enhancement Requests

The following table describes closed enhancement requests:

Reference Number	Description
MDM-13461	<p>If a timeline extract job fails, the MDM Hub sends the rejected records to a reject table. When you run the timeline extract job again, the MDM Hub processes the rejected records. By default, the timeline extract job keeps the history of rejected records for the last ten jobs.</p> <p>To specify the number of jobs to retain the rejected records, set the <code>cmx.server.batch.extractbvtversions.maxJobRejectExtractToKeep</code> property in the <code>cmxserver.properties</code> file.</p>
MDM-12273	Oracle GoldenGate version 12.1.2.1 is compatible with MDM Multidomain Edition.
MDM-12150	You can deploy the MDM Hub on WebSphere Application Server V8.5.5 Fix Pack 8.
MDM-10611	You can add the Address Doctor field Province Item 1 ISO as a column in the Cleanse Functions tool of the Hub Console.
MDM-9326	You can enable the Fill on gap property from the Hub Console.
MDM-9004	Improved the publish process for the Hub Server message queue by making the publish process multithreaded. The publish process can publish messages in parallel, which reduces bottlenecks.

Informatica Data Director Closed Enhancement Requests

The following table describes closed enhancement requests:

Reference Number	Description
MDM-13404	When search results contain cross-reference records, the search results show all the columns in the records, including the system columns.
MDM-11832	The Matching Records view, which is the Entity 360 framework version of the legacy Matches view, shows potential matches in all levels of descendant records.
MDM-11671	When search results contain cross-reference records, the search results show all the columns in the records, including the system columns.
MDM-10855	When you open a merge task, you can choose to show only the selected merge candidates in the Matching Records view. From the View menu, select Show only selected columns .
MDM-10113	After you perform a merge task, Informatica Data Director shows the merged record.
MDM-10539	If a task is rejected, the comments that detail the reason for rejecting the task are now visible in a user exit.
MDM-8835	You can configure Informatica Data Director to show or hide shadow columns in the Cross-reference view.

Business Entity Services Closed Enhancement Requests

The following table describes closed enhancement requests:

Reference Number	Description
MDM-12230	<p>When you send a request to retrieve a record that has many nested child records, the size of the response can be large because of the number of URL links in the response.</p> <p>Enhancement: To exclude the links, set the following parameter in the request: <code>suppressLinks=true</code></p>

Known Limitations

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

MDM Hub Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-14943	<p>In WebSphere environments, when you log in to the Hub Console, the following misleading error might appear:</p> <p>SIP-11101: The Cleanse Match Server license is either not valid or expired.</p> <p>Workaround: Before you log in to the Hub Console, ensure that the - <code>Dcom.ibm.crypto.provider.DoRSATypeChecking</code> Java option is set to false. The Java option specifies whether data encryption is allowed and is required for password hashing to work.</p>
MDM-13617	<p>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:</p> <pre>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</pre> <p>Workaround: You can safely ignore the error.</p>
MDM-13372	<p>In Microsoft SQL Server and JBoss environments, when you restart the application server after deployment of the MDM Hub, an error occurs.</p> <p>Workaround: Ignore the error.</p>
MDM-11898	<p>When you run the Extract BVT Version batch job for multiple base objects, the last extract date is not set.</p>
MDM-11089	<p>When a master record is edited, the value in the lookup column is set to the default column value.</p>
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 this 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> <pre>Object cannot be deleted because 'CO CS Configs\TaskConfiguration\Task Types \AVOSBeNotification\Task Roles\DataSteward' is depending on it. (deleteRole[id:ROLE.DataSteward])</pre> <p>Workaround: Remove the DataSteward role from the target Operational Reference Store, and then promote the change list.</p>

Reference Number	Description
MDM-9220	You cannot import or promote a changelist from MDM Multidomain Edition version 9.6.1.
MDM-8738	The MDM Hub log file, <code>cmxserver.log</code> , increases beyond the maximum specified file size.
MDM-8588	The first time that you import a schema in the Hub Console, the following error might appear: <pre>missing initial moveto in path definition</pre> Workaround: Ignore the error message.
MDM-8060	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.
MDM-7786	After adding a new role to a user, the Operational Reference Store is marked as invalid.
MDM-7592	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. Workaround: Change the minimum trust setting for SourceA to at least 2.
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. Workaround: Ignore the error.
HORA-52267	The MDM Hub does not support the import of a change list created in one database type into the repository of another database type. For example, you cannot import a change list created in Oracle into a Microsoft SQL Server repository.
HORA-52147	When you use change lists with custom queries to promote changes to metadata, the change list promotion might fail. Workaround: Remove the Operational Reference Store name from the tables that you use in custom queries.
HORA-52123	Enabling state management for a base object that has custom packages does not resolve Repository Manager validation error SIP-MV-10252. Workaround: Drop the custom packages and then enable state management.
HORA-52062	The MDM Hub does not support case-sensitive database collation for Microsoft SQL Server.
HORA-52061	The MDM Hub does not support the Hard Delete Detection feature for IBM DB2.
HORA-52060	The MDM Hub does not support custom validation rules for IBM DB2 or Microsoft SQL Server.
HORA-52027	When using iDB Oracle, a user with the Security Access Manager (SAM) Proxy Role for an Operational Reference Store has access to functions that are not intended for the role. In particular, a user with the Proxy Role can access the MET promote, the Promote button, and the Import button.

Reference Number	Description
HORA-51844	In a Microsoft SQL Server environment, the GetOneHop API request might stop responding. Workaround: For the repository table C_REPOS_SEARCH_RESULT_STATE, set LOCK_ESCALATION to DISABLED.
HORA-51710	On high loads with multiple cleanse servers involved, the automerge job sometimes fails. Workaround: Restart the application server and then run the automerge job again.
HORA-50724	After you install the MDM Hub, the job metrics do not appear in the Hub Console when you run a stage job for the first time. The job metrics appear in the Hub Console for all subsequent stage jobs.
HORA-50068	When you view the Hub Console in the Chinese language, the date format appears in English.

Informatica Data Director Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-16018	For records loaded through a batch job, the History view does not show event details for relationships that were created through a many-to-many relationship table.
MDM-14411	In WebSphere environments, when you edit a task for the first time after you start a WebSphere profile, the Edit Task dialog takes longer than expected to open and an error is generated in <code>cmxserver.log</code> . Workaround: You can safely ignore the error. The next time a task is edited, the dialog appears as expected without errors.
MDM-14193	In IBM DB2 environments, an error occurs when you try to import custom login provider files. The login provider files are not imported. Workaround: Connect to the IBM DB2 database and run the following commands to increase the blob data size: <pre>SET SCHEMA CMX_SYSTEM ALTER TABLE CMX_SYSTEM.C_REPOS_DS_LOGIN_SETTINGS ALTER COLUMN BLOB_DATA SET DATA TYPE BLOB(10240000) CALL SYSPROC.ADMIN_CMD('REORG TABLE CMX_SYSTEM.C_REPOS_DS_LOGIN_SETTINGS LONGLOBDATA')</pre> <p>Where:</p> <ul style="list-style-type: none"> - CMX_SYSTEM is the schema name - 10240000 is the blob size, in bytes. You can adjust this number to accommodate the login provider file size.
MDM-14154	If a task title in Task Manager is greater than 254 characters, an exception occurs when the task is approved.
MDM-13802	If you use the Provisioning tool to configure the Dashboard Reports View, in Informatica Data Director, the Jaspersoft reports do not display in a user-friendly layout.
MDM-13585	When you launch Informatica Data Director with smart search and the Entity 360 framework enabled, a null pointer error appears in the server logs. Workaround: You can safely ignore the error.

Reference Number	Description
MDM-11035	If you filter tasks by multiple task titles, Informatica Data Director does not return tasks correctly.
MDM-10986	In Internet Explorer, the Task Manager might not reflect changes to task titles and comments. Workaround: Use another supported browser.
MDM-10813	In Firefox, the time bar is missing from the History view. The issue occurs when you open a business entity with multiple cross-reference records in the Business Entity view and then navigate to the History view. Workaround: Use another supported browser.
MDM-10734 MDM-13472	When you log in, Informatica Data Director passes user credentials to Informatica Data Controls as part of the login URL. By default, the credentials are not encrypted.
MDM-9364	When a reviewer edits data and approves a task, the Comments dialog box appears before the validation process runs. The issue occurs when a user exit handles tasks.
MDM-8768	After you upgrade and then delete all the configuration files from the repository table <code>c_repos_component_instance</code> , 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.
MDM-8551	Error messages from user exit validation checks appear after the Add Comments dialog box is closed.
MDM-7894	If the Task Manager contains a task type name that does not exist in IDD configuration, the Task Manager cannot display the task or any other tasks. Workaround: Add all task types to the IDD configuration file.
MDM-7877	After you deploy an Informatica Data Director application, configure MDM Security Access Manager roles and users, and complete other configuration steps, new tasks do not appear in the task inbox or the Task Manager and an error is generated. Workaround: Use the Repository Manager to validate the Operational Reference Store and then restart the application server.
MDM-7865	A user cannot log in to Informatica Data Director if their user name contains non-UTF symbols, such as accents. Workaround: Add the following JVM option to the application server: <code>-Dfile.encoding=UTF</code>
MDM-7735	When you use uppercase characters to enter a user name to log in to Informatica Data Director, your ActiveVOS tasks do not appear. Workaround: Use lowercase characters to enter a user name to log in to Informatica Data Director.
MDM-6708	You cannot open a task for a business entity if you do not have permission to view child record.

Reference Number	Description
MDM-5893	<p>When you import the Informatica Data Director (IDD) configuration XML to use an MDM Hub sample Operational Reference Store (ORS) that was upgraded from version 9.5.1, the following fatal error is generated:</p> <pre>SIP-BV-11005: Invalid role(s) 'DataSteward' in task assignment configurationfor task type'ReviewNoApprove' in subject area 'Person.'</pre> <p>Also, after you import the IDD configuration XML, metadata validation for the MDM Hub sample ORS fails.</p> <p>Workaround: In the Hub Console, connect to the MDM Hub sample ORS and access the Roles tool. Acquire a write lock and change the name of the Data Steward role to <code>DataSteward</code>.</p>
MDM-4000	When you update a record from an approval task, some data is not promoted.
MDM-3800 HORA-49646	<p>If you upgrade MDM Multidomain Edition, you cannot view the relationships for a record that is Hierarchy Manager-enabled and that existed before the upgrade. When you click the Relationships child tab, the following error appears:</p> <pre>Invalid column name 'ROWID_HIERARCHY'.</pre> <p>Workaround: In the Hub Console, re-create the package for the Hierarchy Manager relationship.</p>
HORA-51906	Subject Area names cannot begin with a number.
HORA-43191	In Configuration Manager, when you edit a subject area configuration to set the edit style of a column to Checkbox but then cancel the change, a null pointer exception occurs when you open a new subject area entity form.

IDD Views Based on the Entity 360 Framework - Known Limitations

The views that are based on the Entity 360 framework are designed to work with the business entity data model. To use these views, you need to upgrade IDD applications from the subject area data model to the business entity data model.

The following table describes known limitations:

Reference Number	Description
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 display 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>
MDM-14932	In the Timeline view, you cannot open the relationship records that appear on the Relationships tab.

Reference Number	Description
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-8606	In the Matching Records view, when you merge records, the system can appear unresponsive. Workaround: Wait until the merge job finishes.
MDM-7597	If you delete a record and then search for the record, the ROWID of the deleted record still displays.
MDM-4710	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. Workaround: For your data to appear in the correct format in Business Entity view, click the Save button.

Reference Number	Description
MDM-5715	On Internet Explorer 9 and 10, if you group search results by type, you cannot then expand the search results. Workaround: Use Internet Explorer 11 or alternative browsers such as Chrome, Safari, or Firefox.
MDM-2699	In calendars, you cannot set a date before January 1, 1000.
MDM-2584	In the Task Manager, you are unable to sort tasks by Task ID, Task Type or Task Status.
MDM-2574	In the Task Inbox, setting the Owner filter to <code>Unclaimed</code> does not return the list of unclaimed tasks.
HORA-52227	If you restart the application server while logged in to the Business Entity view (formerly Entity 360 view), you cannot log back in after you refresh the page. Workaround: Enter a valid Entity 360 view URL in your browser.
HORA-51951	In WebLogic environments, after you log in to the Business Entity view (formerly Entity 360 view) and then clear your browser cache, you cannot log in to the Entity 360 view again. Workaround: Clear the cookies from your browser.
HORA-51879	The GetOneHop component displays entity label data that comes from the cross-reference table instead of the base object.
HORA-51869	Entity 360 access control depends on the base object of the root composite object, not on Subject Area permissions.
HORA-51864	The GetOneHop component does not sort related entities.
HORA-50581	The Matches component does not display null values correctly.
HORA-50578	The Twitter component loads more slowly than expected.

IDD Legacy Views - Known Limitations

The legacy views are based on the subject area data model. These views are available to customers who upgraded from Informatica MDM Multidomain Edition Version 10.1.x and earlier.

The following table describes known limitations:

Reference Number	Description
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-14767	If you unmerge a root node in the legacy XREF view, when the unmerge task is processed an error occurs and the record is not unmerged. Workaround: Do not unmerge the root record of a business entity.
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.

Reference Number	Description
MDM-10625	In the Hierarchy view, the history of a record does not display as expected.
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.

Smart Search Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-14953	The Initially Index Smart Search Data job might fail with the following error: SIP-52050: Failed to retrieve the ZooKeeper client instance because the connection to the ZooKeeper client instance timed out. No collection linked. Workaround: Re-run the job after 10 minutes. If you get the same error again, restart the application server and re-run the job.
MDM-14945	After you delete a pending record, you get the following error in the <code>cmxserver.log</code> file: [ERROR] com.informatica.mdm.sss.SmartSearchMDB: SIP-11041: Communication error "invalid stream header: 3C3F786D" occurs when making a request to Process Server
MDM-13647	After you rerun the Initially Index Smart Search Data job to update the outdated indexes of a child business entity node, the Batch Viewer tool of the MDM Hub might not refresh and continue to display the warning icon for the child node. The warning icon indicates that the indexes are outdated. Workaround: Close and restart the MDM Hub Console. The warning icon disappears.
MDM-11238	When you use a search string within double quotes (") to perform an exact search, the search might not return the expected results. Workaround: Prefix each double quote with a backslash (\) and search again. For example, \"Robin Williams\"
MDM-10723	After you set a field as a searchable field, a smart search request might fail. Workaround: Perform one of the following tasks: - 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.

Reference Number	Description
MDM-10389 MDM-11925 MDM-12691	<p>A smart search request might return one of the following errors:</p> <ul style="list-style-type: none"> - [SearchService_30027]Exception 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 have enabled smart 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.
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>Informatica MDM Multidomain Edition 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> <p>[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.</p>
MDM-8598	<p>After you restart the application server, the Initially Index Smart Search Data job or a smart search request might return the following error in the application server log file:</p> <p>No live SolrServers available to handle this request</p> <p>Workaround: Restart the application server.</p>
MDM-8161	<p>If you configure Smart Search to display many results, some browsers do not display all the records or become unresponsive.</p>
MDM-5785	<p>A smart 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-4355	<p>A smart search request searches only the fields that match the language of the search string and does not support cross-language search.</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 smart 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>

Reference Number	Description
MDM-3235 HORA-51752	The Initially Index Smart Search Data job might return incorrect metrics if you run the job more than once.
MDM-2644	After you enable smart 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.
MDM-1799	When you search for a negative value, the smart search request returns the positive and negative matching values.
HORA-52165	If a non-admin user who does not have any privilege performs a smart search, the Informatica Data Director application displays an unclear error message.
HORA-52156	After you create an inactive relationship between two entities and run the Initially Index Smart Search Data job, a smart search request returns the entities that have inactive relationship.

Informatica Platform Known Limitations

The following table describes known limitations:

Reference Number	Description
HORA-52304	If you perform the stage process in the Informatica platform, you cannot use the CleansePut API.
HORA-52303	If you perform the stage process in the Informatica platform, the MDM Hub cannot detect the records that are hard-deleted in source systems.
HORA-52297	When you enable the option to preserve the source system keys for Informatica platform staging, source system keys are not preserved.
HORA-52296	When you perform Informatica platform staging, you cannot set up delta detection and audit trails for the staging table data.
HORA-51360	When you perform Informatica platform staging, source records that indicate that the last updated date is in the future are inserted into the LAST_UPDATE_DATE column in the staging table. Workaround: Configure transformations for the stage process that can reject records that indicate that the last updated date is in the future.
HORA-51362	After you open a logical data object in Informatica Developer (the Developer tool), the Save button becomes available before you make any changes.
HORA-51075	When you open a logical data object in the Developer tool, the following warning appears: <code>Model Contains Data Objects from Informatica Analyst.</code> Workaround: You can ignore the warning.
HORA-50574	During the Model repository synchronization process, the MDM Hub does not create a mapping with a logical data object to write to. To run Informatica platform staging, create a mapping that includes a physical data object as the source, a logical data object as the output, and a mapplet for cleanse operations.

Reference Number	Description
HORA-50573	When you synchronize the Model repository with the MDM Hub, the synchronization process creates a customized data object and a relational data object. Do not use either the customized data object or the relational data object as direct targets in any mapping that you define.
HORA-50500	When you synchronize the Model repository with the MDM Hub, the synchronization process creates a logical data object read mapping and logical data object write mapping. If you open one of these logical data objects in the editor and then save them, the objects disappear from the Model repository. Workaround: You can ignore the issue.

Business Process Management Known Limitations

The following table describes known limitations:

Reference Number	Description
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 WORKFLOW_ENGINE_NAME in MDM_SAMPLE.C_REPOS_DB_RELEASE does not match the value of NAME in CMX_SYSTEM.C_REPOS_WORKFLOW_ENGINE. Perform one of the following workarounds: <ul style="list-style-type: none"> - Add the business entity-based workflow engine ActiveVOSBE 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 CMX_SYSTEM.C_REPOS_WORKFLOW_ENGINE, change the value to ActiveVOSBE.
MDM-13359	If you use ActiveVOS, a user cannot belong to a role that creates an unmerge task and also belong to a role that 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 postInstallSetup.log file: <pre>java.util.concurrent.RejectedExecutionException</pre> 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 postInstallSetup.log: <pre>[exec] Unable to locate tools.jar. Expected to find it in /data/tmp/install.dir.12594/Linux/resource/lib/tools.jar</pre> Workaround: 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. Workaround: 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> .
HORA-51895	ActiveVOS tasks created in one Operational Reference Store are visible in other Operational Reference Stores for the admin user.

Informatica Dynamic Data Masking Known Limitations

The following table describes known limitations:

Reference Number	Description
HORA-51568	In Microsoft SQL Server environments, when you try to add a record to a base object that has been blocked by Dynamic Data Masking, the MDM Hub generates the following error: <code>An unknown error occurred.</code> Workaround: Restart the Dynamic Data Masking service and unregister the Operational Reference Store. Then restart the JBoss application server. In the Dynamic Data Masking management console, remove the current port and add a different listening port. Finally, in the MDM Hub, register the Operational Reference Store and set Dynamic Data Masking to the new port.

Provisioning Tool Known Limitations

The following table describes known limitations:

Reference Number	Description
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.

Reference Number	Description
MDM-14255	<p>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.</p> <p>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 address child node, to access the dunsNumber parent element, use the path /OrderCompanyProfileResult[1]/ServiceResult[1]/OrderProductResponseDetail[1]/InquiryDetail[1]/DUNSNumber[1]</p>
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	<p>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.</p> <p>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.</p> <p>Workaround: Make a field searchable in a reference entity that is referenced in only one business entity.</p>
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-8750	<p>When you configure a business entity model with a base object that has been configured as a entity base object for hierarchy management, the HIERARCHY_CODE column and REL_TYPE_CODE column are not automatically added to the business entity configuration.</p> <p>Workaround: Manually add the HIERARCHY_CODE and REL_TYPE_CODE columns to the business entity configuration.</p>
MDM-8668	<p>From the modeling page you can access and edit system columns.</p> <p>Workaround: Avoiding editing system columns.</p>
MDM-7219	<p>The Provisioning tool fails to launch when the last slash is omitted.</p> <p>Workaround: Add a slash character to the end of the URL: http://host:port/provisioning/</p>

Business Entity Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-8764	<p>When you generate the business entity schema from an IDD 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.

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.
HORA-51932	<p>When you perform a partial promote of components related to composite objects in Repository Manager, validation errors might occur.</p> <p>Workaround: Promote the complete composite object configuration.</p>
HORA-51931	<p>When you promote a searchable composite object configuration in Repository Manager, validation errors occur.</p> <p>Workaround: Promote the complete composite object configuration that the searchable composite object configuration is associated with.</p>
MDM-10553 HORA-51886	When you run a read composite service for a deleted grandchild record, the composite service call does not return data.
HORA-51824	<p>When you promote a REST service in Repository Manager, validation errors occur.</p> <p>Workaround: Promote the composite services configuration.</p>

Reference Number	Description
HORA-51494	The MDM Hub does not prevent you from creating a child record that does not share the same effective period as the parent record. Workaround: Ensure you maintain timeline consistency within a composite object when you create a record.
HORA-51488	When you read a pending record, the composite service does not return the record and an error occurs. Workaround: Add <code>?recordStates=ACTIVE,PENDING</code> to the REST URL.
HORA-51285	The MDM Hub does not prevent you from deleting a record that has an active child record.
HORA-49806	Repository Manager does not handle conflicts correctly during composite object configuration promotion. When multiple objects in a composite object have the same name but their <code>hubObject</code> values refer to different base objects, Repository Manager generates validation errors but successfully promotes the composite object configuration. Workaround: Use unique names for objects that do not refer to the same base objects.

Informatica Data Controls Known Limitations

The following table describes known limitations:

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

Resource Kit Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-14102	When you deploy the web sample <code>LookupWebServiceExample</code> , the MDM Hub generates an error in the application server log file. Workaround: Ignore the error.

Sample Operational Reference Store Known Limitations

The following table describes known limitations:

Reference Number	Description
MDM-14684	<p>After you upgrade, when you validate the IDD configuration, an error occurs stating that the SrManager role does not exist in the task configuration file.</p> <p>Workaround: Add the SrManager role.</p> <ol style="list-style-type: none">1. In the Hub Console, add the SrManager role with the required privileges.2. Use the Repository Manager in the Hub Console to validate the metadata.3. Truncate the repository table C_REPOS_CO_CS_CONFIG.4. In the IDD Configuration Manager, generate the business entity schema for the IDD application.
MDM-14434	<p>The Entity view does not display the full list of lookup column values.</p> <p>Workaround: Use the Databases tool in the Hub Console to set the GETLIST limit to 300 for the lookup base object.</p>

Services Integration Framework Known Limitations

The following table describes known limitations:

Reference Number	Description
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> <p>SIP-10226=Error in building query to run MATCH verb.</p> <p>Workaround:</p> <p>Add the following entries to the registry subkey <code>HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters</code>:</p> <p>Value Name: MaxUserPort</p> <p>Value Type: DWORD</p> <p>Value data: 65534</p>

CHAPTER 6

Informatica Global Customer Support

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

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

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

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