**MDM - Supplier 360
10.5 HotFix 3
Release Notes**
July 2024

Contents

Read the *Informatica® MDM - Supplier 360 Release Notes* to learn about known limitations and fixes associated with this release.

Installation and Upgrade

When you install or upgrade to Informatica MDM - Supplier 360 version 10.5 HotFix 3, see the following documents:

- *Informatica MDM - Supplier 360 10.5 HotFix 3 Installation and Configuration Guide*

For more information about product requirements and supported platforms, see the [Product Availability Matrix](#).

Upgrade Overview

To upgrade to MDM - Supplier 360, you must first import the database schema from a change list. You must install the Appconfiguration application and verify the global Supplier 360 properties. Then you can install Supplier 360.

Verify the Upgrade Paths

Use Version 10.5 HotFix 3 on a machine that does not have Supplier 360 services installed or to upgrade from the previous Supplier 360 version.

You can install 10.5 HotFix 3 if the machine does not have Supplier 360 services installed.

You can directly upgrade to version 10.5 HotFix 3 from the following previous Supplier 360 versions installed:

- 10.4 including any hotfix
- 10.5 including any hotfix

Before You Install

Some known limitations can affect your install or upgrade experience.

To avoid potential issues, ensure that you review the following issues and complete any workarounds before you install. Then review the environment-specific installation and upgrade issues.

Verify Software Requirements

Set up the Multidomain MDM environment before you install Supplier 360.

Perform the following tasks:

1. Review the Product Availability Matrix for Supplier 360 to discover the system requirements and supported versions for products, databases, and application servers. You can find all Product Availability Matrices at
   https://network.informatica.com/community/informatica-network/product-availability-matrices.

2. Install a supported version of Informatica Multidomain MDM, including Informatica Data Director and the embedded version of Informatica ActiveVOS Server. Follow the instructions in the *Multidomain MDM Installation Guide* or the *Multidomain MDM Upgrade Guide* for your environment.

   Note: When you create the Operational Reference Store, you must use the name `supplier_hub`.

3. If using a PIM system, install a supported version of Product 360 or a third-party PIM product.

   Note: If you want to integrate the Application with a third-party PIM system, contact your Informatica representative. Your representative can request the customization of the MDM-PIM adapter for the third-party PIM system.

Verify Minimum System Requirements

Supplier 360 requires the same system requirements as Informatica MDM.

To use the Supplier Portal, enable cookies in the browser.

For more information about product requirements and supported platforms, see the Product Availability Matrix at:
https://network.informatica.com/community/informatica-network/product-availability-matrices.

Extract the Application

You receive the Supplier 360 application as an archive file. Create the following directory structure and extract the contents of the Supplier 360 archive file into it:

`<MDM Installation Directory>/app/tsr`

The extracted content contains the following files and folders:

File or Folder Name	Description
`batchgroup/`	Contains the JAR file for the silent installation process.
`bin/`	Contains installation, upgrade, and database schema validation utilities.
`bpm/`	Contains the ActiveVOS email service and the default business processes in a deployable format.
`config/`	Contains configuration properties files.
`datamart/`	Contains the datamart service and the chart configurations.
`docs/`	Contains the Supplier 360 Data Dictionary document.
`email-config/`	Contains the subdirectories that contain configuration files for supplier portal email configuration. Following are the list of the subdirectories: - `templates/`. Contains the `avos-templates` and `pim-templates` subdirectories with email body text templates for ActiveVOS and for Informatica MDM - Product 360. - `emailConfig.xml`. File containing the configuration properties for email templates.
`hub/`	Contains the subdirectories that contain the database schema and the configuration files to deploy to Data Director. The folder contains the following sub-folders: - `change-xml/`. Contains the MDM Hub metadata including components, such as landing tables, lookup tables, staging tables, base objects, and match and merge rules, cleanse functions, component instances, business entities, and business entity services. - `cocsconfig/` Contains configuration files for the business entities and business entity services. - `delta_change_xml/`. Contains the newly added MDM Hub metadata. - `entity360config/`. Contains copies of the Entity 360 component instance definitions that ship with Multidomain MDM. - `idd/`. Contains the message and error bundle files. - `schema/`. Contains the database schema for supplier data and reference data.
`images/`	Contains placeholder images for a logo and for a background image for the Supplier Portal login page.
`lib/`	Directory for the external libraries. Copy the JDBC driver files for your database to the lib directory.
`localizationScript/`	Contains the scripts for localizing labels and error messages.
`lookuplocalization/`	Contains files for localization of the lookup tables.

File or Folder Name	Description
`PortalAssociation`	Contains files for associating users to specific portals.
`pre_s360_10_4/`	Contains the installation package for an upgrade environment that uses the Supplier Portal from a version earlier than 10.4.
`pre-install-config/`	Contains a sample product hierarchy configuration file.
`resources/`	Contains the resource `bundle.properties` files for each of the supported locales.
`SupplierPortal/`	Contains the preconfigured Supplier Portal that does use Product 360 integration.
`SupplierPortalWithProduct 360/`	Contains the preconfigured Supplier Portal that integrates with Product 360.
`upgrade`	Contains the library files that support the Supplier 360 upgrade process.
`was`	Contains file for the Provisioning tool user interface for WebSphere environment.
`bundleLocalization.jar`	JAR file for localization.
`email-config-util`	JAR file for email configuration.
`Master Data Management Master Notices`	Contains notices for MDM products.
`MDMAppsServices.war` and `uiwebapp-ear.ear`	File for Supplier 360 user interface.
`domain-validation.jar`	JAR file for validating Supplier 360 domain.
`mdmappsview-ear.ear`	Supplier 360 components.
`productversion.jar`	JAR file for the product version.
`provisioning-ear.ear`	Provisioning tool user interface for a JBoss environment.
`supplierexternalcall.ear`	File for SOAP service to validate the supplier data.

Create the Operational Reference Store

Create an Operational Reference Store with the schema name `supplier_hub`. When entering database parameters, use the parameters that you specified when you created the Oracle database instance.

Note: You must use the name supplier_hub. If you use a different name, the integration with Product 360 does not work.

1. Navigate to the following directory:

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

2. Run one of the following commands:

- On Windows. `sip_ant.bat create_ors`
- On Linux. `sip_ant.sh create_ors`

3. Enter values for the Operational Reference Store parameters.

    Note: The prompts display default text in brackets. Press **Enter** to use the default value and go to the next prompt.

Parameter	Description
Oracle Connection Type	Enter the type that you specified for the Oracle database instance.
Operational Reference Store DB host name	Enter the IP address of the host running Oracle.
Operational Reference Store DB port number	Enter the port number that Oracle uses.
Operational Reference Store DB service name	If the Oracle Connection Type=service, enter the name of the Oracle service that you specified for the Oracle database instance.
Oracle Net connect identifier	Enter the TNS name that you specified for the Oracle database instance.
Connect URL	Use the default URL unless you are required to change the URL for business reasons or technical reasons.
Operational Reference Store DB user name (schema name)	Enter `supplier_hub`.
Operational Reference Store DB user password	Enter a password to assign to the supplier_hub user.
Locale name	Enter the language to use.
DBA user name	Enter the user name for the Oracle database instance.
DBA password	Enter the password for this user.
MDM index tablespace	Use the default value. Creates a tablespace to contain the index components for the Operational Reference Store.
MDM temporary tablespace	Use the default value. Creates a tablespace to contain the temporary components for the Operational Reference Store.
Oracle temporary tablespace	Use the default value. Creates a tablespace to contain the temporary components for the database instance.

The script triggers the process that creates the Operational Reference Store.

4. If the process fails, check the log file for errors:

    `<MDM installation directory>/hub/server/bin/sip_ant.log`

Before You Upgrade

Some known limitations can affect your install or upgrade experience.

To avoid potential issues, ensure that you review the following issues and complete any workarounds before you upgrade. Then review the environment-specific installation and upgrade issues.

Before You Upgrade

Before you upgrade Supplier 360, upgrade the Multidomain MDM installation and back up the Supplier 360 installation files.

1. Before you upgrade to *Multidomain MDM* , ensure that all the users submit the drafts records in Supplier 360.
2. Upgrade the Multidomain MDM installation to a supported version.
3. Back up the Supplier 360 Operational Reference Store.
4. Back up the Supplier 360 library and configuration files.
5. Extract the latest Supplier 360 application archive file.
6. Copy the Supplier 360 configuration files to the `tsr` folder.
7. Configure the application properties file.
8. Configure the base URL for the business entity services.
9. Optionally, if you use the data model based on the Party Role table, migrate to the data model based on the Party table.
10. If you install Customer 360 in the same environment, configure the log file path.
11. If you upgrade Supplier 360 from 10.3 HotFix 3, download and apply the EBF-21675.
12. Fix all the errors from the report generated by the validation utility database schema.

After You Install or Upgrade

Some known limitations can affect your installation or upgrade experience.

To avoid potential issues, ensure that you review the following issues and complete any workarounds after you install or upgrade.

Improving Performance of Bulk Data Import

When you import a file in a workflow-enabled environment, the workflow triggers the approval process in parallel. The parallel processing of workflow might affect the performance of the import process when you import more than 5000 records with child records. To improve the performance of the import process in a workflow-enabled environment, you can now set a wait time for the workflow process to trigger. Based on the wait time, the workflow process gets triggered and avoids parallel processing.

1. Go to the following directory:

        <MDM installation directory>/app/tsr/config/

2. In a text editor, open the `s360-portal-workflow-config.xml` file.

3. Update the following properties and save the file:

Property	Description

`<property name="portal.fileImport.wait">P0Y0M0DT2H0M0S</property>`	Optional. Wait time for the workflow to trigger after the import process starts. For example, if the wait time is 2 hours 30 minutes, then the workflow triggers after 2 hours 30 minutes after the import process starts.
	
	You can specify the wait time in the following format:
	
	`P<n>Y<n>M<n>DT<n>H<n>M<n>S`
	
	- P - Indicates portal.
	- Y - Indicates number of years.
	- M - Indicates number of months.
	- D - Indicates number of days.
	- T - Indicates time.
	  - H - Number of hours.
	  - M - Number of minutes.
	  - S - Number of seconds.
	
	For example, the value `P0Y0M0DT2H30M0S` indicates 2 hours and 30 minutes.
	
	Ensure that you set the `portal.fileImport` property to `Y` for the wait time to be considered.
	
	Default is 2 hours.
	
	Note: Informatica recommends to use 1 hour 30 minutes for 5000 records and 2 hours 30 minutes for 10000 records.

`<property name"portal.fileImport">Y</property>`	Indicates whether to enable wait time for the workflow to trigger. Set to `Y` to enable the wait time. The wait time improves the performance of import process when you import more than 5000 records. Use this option during the file import or initial data load process. After the data load is complete, change the value from `Y` to `N`. Default is `N`.

4. After you make changes to the properties, run one of the following redeploy scripts to view the changes:

   - On UNIX. `redeploy.sh`
   - On Windows. `redeploy.bat`

   Note: Alternatively, you can log in to the ActiveVOS console, navigate to the **Catalog** > **Resources** > **Other** section to update the properties in the `s360-portal-workflow-config.xml` file.

5. Go to the following directory:

   `<MDM installation directory>/hub/server/resources`

6. In a text editor, open the `cmxserver.properties` file.

7. Update the following properties and save the file:

Property	Description
cmx.server.be-import.task-limit	Specifies the maximum number of records users can import for the task approval workflow to trigger. Set cmx.server.be-import.task-limit=10000 for users to import up to 10000 records and the task approval workflow to trigger. If a user attempts to import more than 10000 records, the task approval workflow does not trigger and displays an error.
cmx.server.find-replace.task-limit	Specifies the maximum number of replaced records that trigger the task approval workflow. Set cmx.server.find-replace.task-limit=1000 for users to replace up to 1000 records and the task approval workflow to trigger. If a user attempts to import more than 1000 records, the task approval workflow does not trigger and displays an error.

8. Restart the application server.

Import the Localized Lookup Data

Supplier 360 installation files include the localized lookup data. If you use a localized environment, import the localized lookup data into the database before you use Customer 360.

1. Copy the following files from the `<MDM installation directory>/hub/server/lib` directory to the `<MDM installation directory>/app/tsr/lookuplocalization/lib` directory:
   - log4j-core-2.17.2.jar
   - log4j-1.2-api-2.17.2.jar
   - log4j-api-2.17.2.jar
   - **For Oracle.** ojdbc8.jar
   - **For IBM DB2.** db2jcc.jar
   - **For Microsoft SQL Server.** sqljdbc4.jar

2. Go to the following directory:

   `<MDM installation directory>/app/tsr/lookuplocalization/bin`

3. Run the following command:
   - **On UNIX.** ./lookup_localization.sh
   - **On Windows.** lookup_localization.bat

4. At the prompts, enter the following parameters:

Parameter	Description
Database type	Type of database that you use. Use one of the following values: - Oracle - DB2 - MSSQL
User name	User name to access the Operational Reference Store database.
Password	Password for the user name.
Operational Reference Store database host name	Name of the host that runs the Operational Reference Store database.
Operational Reference Store database port number	Port number that the database listener uses.
Database name	For IBM DB2 and Oracle only. Name of the IBM DB2 database or Oracle service.

The localized lookup data is imported into the staging tables.

5. In the Utilities workbench of the Hub Console, click **Batch Group**.
6. Expand **Localized Lookup Data Load**, and select **Control & Logs**.
7. Click **Execute**.

The localized lookup data is imported into the base objects.

Test Supplier 360

You can log in to Supplier 360 with your administrative user credentials.

Note: The Start workspace contains the Task Inbox and charts. The charts are empty of data until your organization begins adding supplier profiles.

1. Launch Supplier 360:

```
http://<MDM Server host name>:<MDM Server port number>/mdmapps/
com.informatica.tools.mdm.web.auth/login
```

2. Log in with your user credentials.
3. If prompted to select an application, select **Supplier 360**.

Supplier 360 launches and displays the **Home** page.

10.5 HotFix 3 Known Limitations

The following table describes known issues that were found in 10.5 HotFix 3:

Reference Number	Description
TSR-6763	If you create a new record with the help of file import option, an unexpected task title appears in the Task Manager.

Cumulative Known Limitations

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

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

Reference Number	Description
TSR-6546	Record fails to appear even when it satisfies the filter condition in the Portal UI.
TSR-6545	Tooltip extends beyond page boundary when help text field character limit reaches 250 in the Portal UI.
TSR-6537	If you copy and submit a record, the Entity 360 framework sometimes fails to create a record and an error appears to provide a valid user role.
TSR-6531	Increased white space appear on the query popup in the Portal UI.
TSR-6530	The filter component incorrectly displays an additional scroll bar.
TSR-6505	Incorrect error validation occurs for unmatched filter conditions.
TSR-6494	The conditional fields failed to be marked as not applicable and appears as blank fields instead.
TSR-6481	Validation sometimes works when you attempt it more than once in the Portal UI.
TSR-6469	Unable to close the Single Sign-On (SSO) configuration page using the close icon after saving unsaved changes.
TSR-6468	Persistent popup issues post configuration changes.
TSR-6450	NVDA incorrectly announces column numbers.
TSR-6426	Dots appear for specific fields within the display field dropdown in the configuration UI.
TSR-6410	Failed to properly align the End of Results.
TSR-6408	Difficult to locate the unchecked fields in the Portal Configuration tool.
TSR-6393	Profile Loading Error occurs when you restart the browser.
TSR-6384	Unable to select checkbox using space key.

Reference Number	Description
TSR-6383	Inability to navigate dropdown options using arrow keys.
TSR-6306	NVDA screen reader fails to display the tool tips for some help icons.
TSR-6305	NVDA fails to announce checkbox state changes.
TSR-6303	When you enable conditional fields and select the Value field, the focus incorrectly goes to the value field instead of the particular component.
TSR-6293	When editing searchable broker user, the apply button is disabled.
TSR-6227	User incorrectly shows for non-portal users in a one-to-many child relationship.
TSR-6165	In the Portal Config UI, fail to toggle the Format Required checkbox from Enable to Disable and the other way around.
TSR-5810	In the Supplier portal, when you enter an incorrect city in the address field, the address verification process doesn't display the error in the appropriate field.
TSR-5804	In the Supplier Portal, when you delete the default address or add a new address and save the changes on the registration form, the following error appears: `One or more values are not valid. Enter valid values and try again`
TSR-5634	In the Portal Configuration tool, you can configure different filter properties for a one-to-many field in multiple sections. The last filter property that you configure in a section overrides the filter properties in all the other sections.

TSR-5536	In the Portal Configuration tool, when you configure the filter property for a one-to-many field and set the field value containing ampersand (&), the following error appears:
	
	`{"errorCode":"PORTAL606","errorSummary":"BE's APi - Error on invoking BE's Entity API via Proxy","errorCauses":["Bad Request"],"status":"BAD_REQUEST","errorData":[\`
	`{"code":"SIP-50027","message":"SIP-50027: Can't parse Business Entity Query.","defaultMessage":"Bad Request"}`
	`],"path":"/infa-portal/proxy","host":"inwin201901","port":8080}`
	
	Workaround: The system doesn't support ampersand (&) in the field value. Ensure that you remove ampersand (&) and configure the filter property.

Informatica Global Customer Support

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

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:
https://www.informatica.com/services-and-training/customer-success-services/contact-us.html.

To find online support resources on the Informatica Network, visit https://network.informatica.com and select the eSupport option.