



# MDM - Product 360 10.5 HotFix 3 Service Pack 1 Release Notes August 2024

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## Preface

Refer to the *Informatica® MDM - Product 360 Release Notes* to learn about new features and enhancements, behavior changes between versions, and support changes in this version.

## Binaries Download

### Download Software

You can download the installation packages for MDM - Product 360 10.5 HotFix 3 Service Pack 1 from the Informatica shipping portal.

Partners can request for software through the partner portal.

If you have not yet signed up, do it here: <https://partners.informatica.com/>

The following table lists the packages for the development of extensions for the current software version:

Content	Package	Package Description
Product 360 SDK target	PIM_10.5.03.01_SDK_target.zip	Contains the target platform for the development of Product 360 extensions.
Product 360 SDK complete	PIM_10.5.03.01_SDK_complete.zip	Contains the target platform for the development of Product 360 extensions plus samples.
Java REST client	PIM_10.5.03.01_SDK_RESTclient.zip	Contains the Java client implementation encapsulating the REST-based services API.
Product 360 Supplier Portal SDK	PIM_10.5.03.01_SupplierPortal_SDK.zip	Contains the full Supplier Portal SDK that includes binaries, Tomcat application server, and samples.

## New Features

### Product 360

Read this section to learn about the enhancements to Product 360.

### PAM Upgrade

Effective in version 10.5 HotFix 3 Service Pack 1, Product 360 is compatible with Informatica Data Quality 10.5.6.

### Assign Users to Custom User Groups with SAML

You can assign users to custom user groups in addition to the default user group to enable SAML Single Sign-On (SSO) for the users.

To enable the user assignment to custom user groups, set the `saml.usergroup.enabled` property to `true` in the `plugin_customization.ini` file. You can assign a user to multiple custom user groups separated by semicolon. Use <http://informatica.com/custom/claims/usergroup> to add list of user groups to which you can assign users. Each custom user groups defines user access and permissions based on which the users can access the applications using SAML SSO.

The following image shows the `plugin_customization.ini` file in which you can set the `saml.usergroup.enabled` property to `true`:

```
23 # -----
24 # SAML Server Settings
25 # -----
26 # Specifies if User Group is part of SAML response from OKTA
27 # Default value is false.
28 # com.heiler.ppm.saml.server/saml.usergroup.enabled    =
29
```

The following scenarios are applicable when you assign users to custom user groups:

- Initial Login:
  - If all the assigned user groups are valid, user is added to the groups.
  - If you don't assign any user group or all are invalid, user is not created and redirected to an error page.
  - If the assigned list of user groups contains both valid and invalid groups, user is created and added to valid groups. Warning message appears for invalid user groups.
- Existing users:
  - If all assigned user groups are valid, the user groups are updated with the latest values.
  - If you don't assign any user group or all are invalid, user is removed from all the existing user groups and redirected to error page.
  - If the assigned list of user groups contains both valid and invalid groups, user groups are updated to the valid user ones. Warning message appears for invalid user groups.

When you configure the application, update attribute statements as follows:

- Name: `http://informatica.com/custom/claims/usergroup`
- Value: `user.userGroup`

The following image shows a sample SAML assertion:

```
<saml2:Attribute Name="http://informatica.com/custom/claims/usergroup" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:basic">
  <saml2:AttributeValue
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="xs:string">group1;group2
  </saml2:AttributeValue>
</saml2:Attribute>
```

## Enhancements in Web User Interface

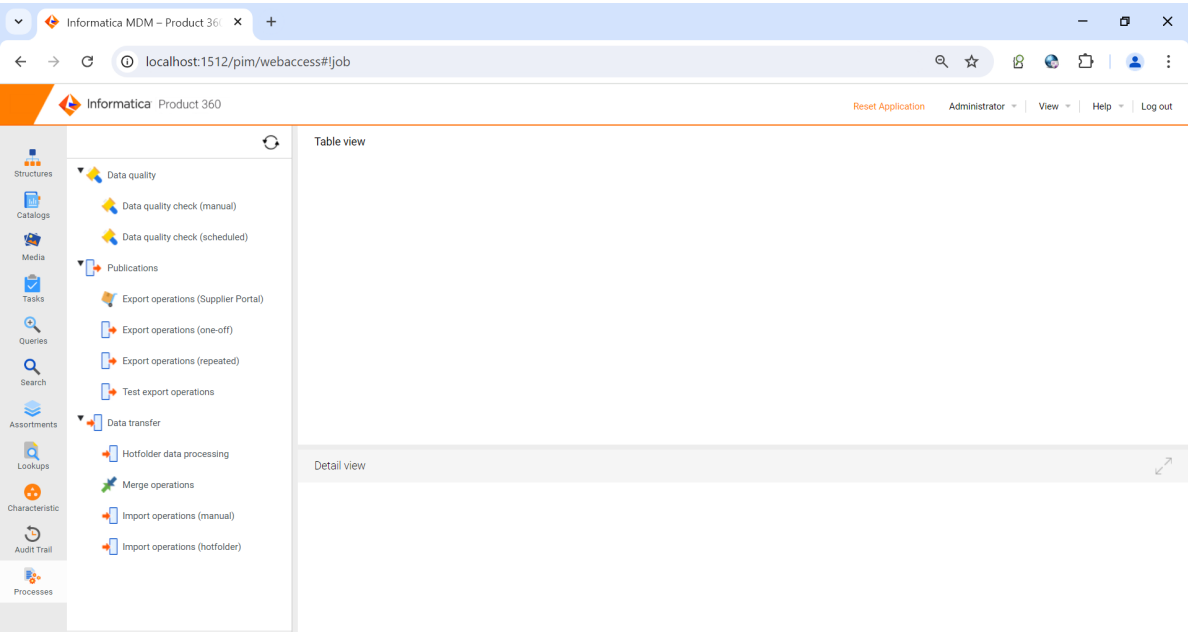
### Process Overview in Web User Interface

You can access the following process in the Web User Interface:

- Data quality
  - Data quality check (manual)
  - Data quality check (scheduled)
- Publications
  - Export operations (one-off)
  - Test export operations
  - Export operations (Supplier Portal)
  - Export operations (repeated)
- Data transfer
  - Import operations (manual)
  - Merge operations

- Import operations (hotfolder)
- Hotfolder data processing

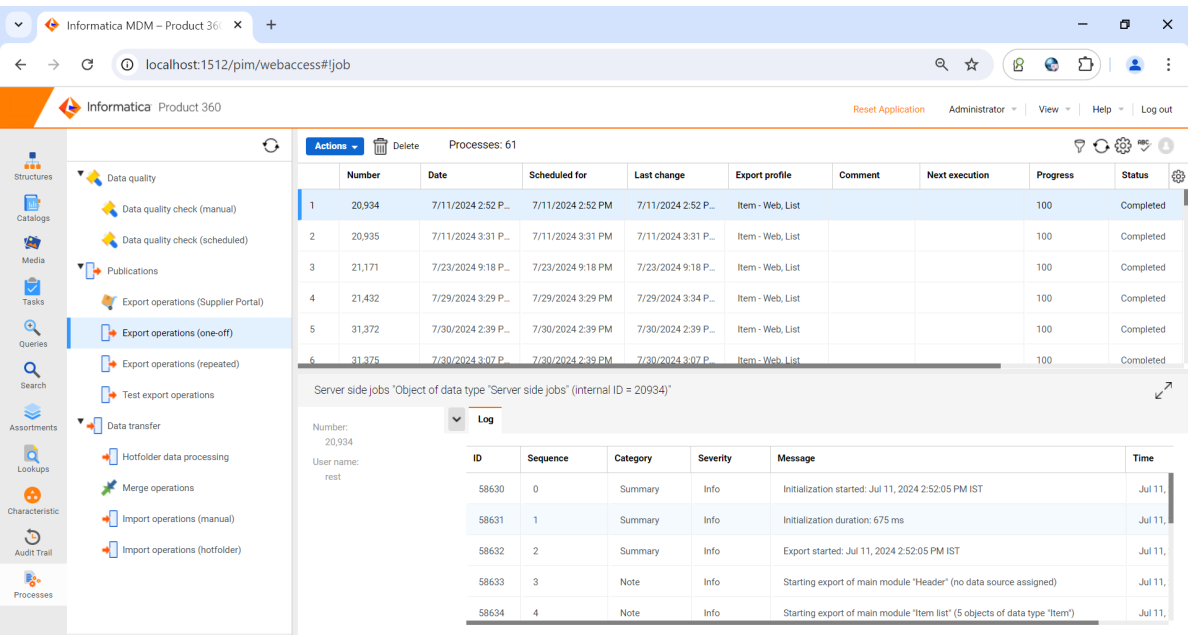
The following image shows the processes available in the Web User Interface:



Select the Processes workspace to view the list of processes.

Select a process type from the context tree to view the list of processes.

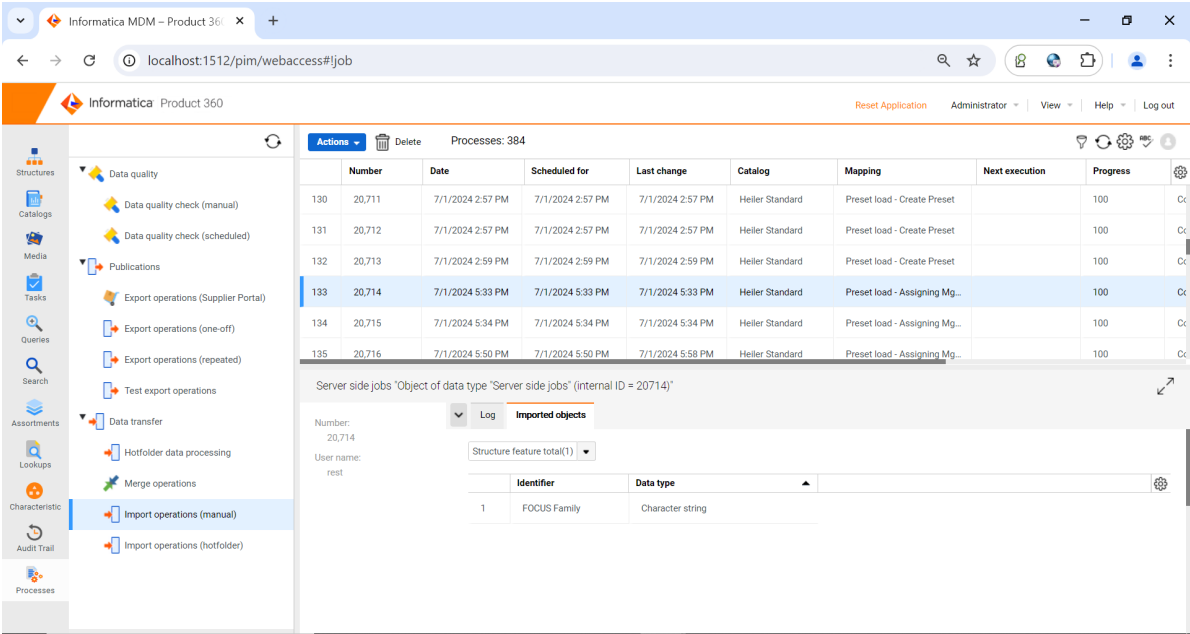
You can view the log for each process in the **Log** tab as shown in the following image:



Select a process to view the Log tab.

For processes such as Import and Merge, you can view the imported and merged objects in the **Imported objects** and **Merged items** tabs respectively.

The following image shows the **Imported objects** tab:



Select

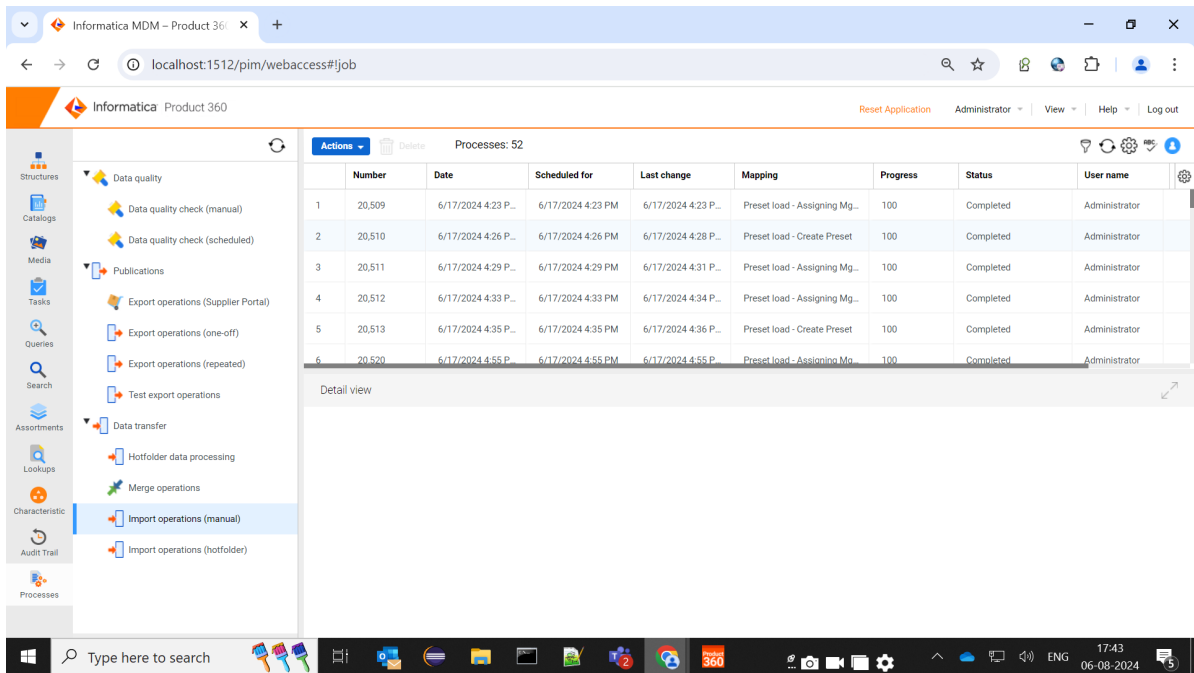
an Import process to view the Imported objects tab.

You can perform the following actions for each process:

- Cancel. Cancel the processes that are in progress.
- Delete
- Repeat. Use for export operations.
- Download Export Files. Use for export operations.
- Select all

Use the **Filter** icon to filter the processes related to the currently logged in user.

The following image shows the **Actions** menu and the **Filter** icon:



The

Filter icon is available in the top right pane.

## Filter Structure Groups By Name

You can filter structure groups by name in the structures context view and classification dialog box.

Previously, you could see just the parent groups that directly matched with the displayed search criteria. However to improve the navigation and user experience, you can click on the search results to reveal the child subgroups.

## View Product Variants in Web User Interface

When you select multiple products in the Web User Interface, you can view the **Variants of the product** tab that display the subordinate objects of the selected records.

The following image shows multiple products selected and the **Variants of the product** tab with the subordinate objects:

Actions		+ Create product	Show variants	> Master catalog (33)	
	Thumbnail	Product no.	Status	Short description (English)	
1		ProductFS	01 New	ewew	
2		ProductFSitem	01 New	ewwe	
3		ProductFSProd	01 New	ew	
4		qft-HMM-4905-mo...	01 New	g	
5		qft-HMM-4905-mo...	01 New	b	
6		qft-HMM-4905-mo...	01 New	n	
7		qft-HMM-4905-mo...	01 New	m	

2 products selected

▼
Preview
Classification
Characteristic
Variants of the product
History

	Thumbnail	Standard image (originalimage, English)	Variant no.	Status	Short description (English)
1			ProductFSitem_Var...	01 New	
2			VariantFS	01 New	

more than one product to view the Variants of the product tab.

## Supplier Portal

Read this section to learn about the enhancements to the Supplier Portal.

# Supplier Portal

Effective in version 10.5 HotFix 3 Service Pack 1, the Supplier Portal supports the Tomcat software version 9.0.89.

## Media Manager

Read this section to learn about the enhancements to the Media Manager.

## Media Manager

Effective in version 10.5 HotFix 3 Service Pack 1, the Media Manager web application supports the Tomcat software version 9.0.89.

## Configuration Updates

Effective in version 10.5 HotFix 3 Service Pack 1, you can use the attribute `DATABASE_TYPE` to define the database type in each module.

**DATABASE\_TYPE**

Set DATABASE\_TYPE to 1 for Oracle and 2 for MSSQL database. For example, you can set <DATABASE\_TYPE>1</DATABASE\_TYPE> for Oracle database.

Previously, you defined the `DATABASE_TYPE` in the configuration file.

# Fixed Issues

## Product 360 Main - Fixed Issues

This release delivers a number of bug fixes. If you encounter difficulties or have further questions regarding one of these issues, contact Informatica Global Customer Support and reference the identifier.

The following table describes the fixed issues for Product 360 main:

Reference Number	Description
HPM-62039	The Save, Save As, and Delete options are incorrectly available for item search in the Product Information Management Web User Interface, even though the user doesn't have the required permissions.
HPM-61986	If a lookup field value is incorrect, the LIST API partially imports data.
HPM-61964	The Swagger User Interface fails to start in 10.5 HotFix 3.
HPM-61948	The import jobs fail with the following error: Unrecognized field "representedParty" (class com.heiler.ppm.gdsn.core.preimportstep.messagestructure.im.datasource.EnvelopeHeader), not marked as ignorable
HPM-61945	When one of the nodes fails to process the jobs due to memory error and the consecutive node acts as the job server, the hotfolder fails to process the files.
HPM-61941	When users try to view tasks or edit catalog items in the Supplier portal and the Web User Interface, the following error occurs: public.p360.informaticahosted.com redirected you too many times.
HPM-61904	Users can't create new structure nodes as the option to create nodes doesn't appear in the web client user interface.
HPM-61898	When you set the audit trail mode to PRODUCTION, the server fails to start with the following error: org.eclipse.core.runtime.CoreException: Internal error in initializer hlr.audittrail.lifecycle Caused by: java.lang.RuntimeException: java.lang.NullPointerException: Cannot invoke "java.lang.Boolean.booleanValue()" because "isWriteIndex" is null
HPM-61894	If you apply filter on multiple price tiers, the export of selling prices data fails.
HPM-61889	If you assign an item to both the master catalog and a structure group, you can't overwrite the object rights of the item in the master catalog even if you remove the item from the structure group.
HPM-61874	When you run multiple REST API calls synchronously, few of the REST API calls fail to get responses.
HPM-61865	When you change the time period of a selling price, the changes are incorrectly updated even though an error message occurs due to an overlap with another price's time period. .
HPM-61861	The list of selected users in Membership tab might disappear intermittently.



Reference Number	Description
HPM-61840	The Audit Trail Backup job fails with the following buffer limit error: Error while trying to write the file: entity content is too long for the configured buffer limit.
HPM-61838	The following error might occur when you run REST calls even though the REST calls run successfully and retrieves results: ERROR [http-275] [BasicAuthenticationFilter] Unexpected authentication error
HPM-61836	When you maintain data, the web client sometimes shuts down intermittently.
HPM-61813	The Interface Visibility options incorrectly display as 563 instead of 730 due to the javax.xml.bind.JAXBException error.
HPM-61811	If you assign multiple values for a key field of an item, all the key field values incorrectly appear in the right pane of the Product Information Management Web User Interface.
HPM-61806	When you add a field from the master catalog to the Item comparison view, the field doesn't appear after you add other fields to the Item comparison view.
HPM-61769	In Web User Interface, the user can edit a field in table view even after you remove the permissions to edit the field.
HPM-61757	When you import files to Hotfolder, the import job doesn't run continuously as expected. Time intervals in which files aren't processed occur in between the import job that delays the completion of the import job.
HPM-61730	After the user logs in successfully, the desktop client shuts down unexpectedly.
HPM-61662	The Product 360 upgrade from version 10.1 HotFix 3 to 10.5 HotFix 2 Service Pack 1 might fail.
HPM-61621	The media preview and import of large number of files to Hotfolder fails intermittently in an environment with multiple servers.
HPM-61578	The import jobs for multiple mappings might fail intermittently with the ClassNotFoundException error.
HPM-61527	A user can incorrectly create a structure group even though the user doesn't have the required permissions and gets an error message.
HPM-61239	A user can create, update, and delete values in the item search in Web User Interface even though the user doesn't have the required permissions.
HPM-59468	When you change order of selected fields in the Item Search view, the order of the fields doesn't change as expected.
HPM-57996	When you search for items in Rich Client, the search fails if you specify large number of values in equal to comparison operator.
HPM-57602	When you try to enter details in the form view, the cursor to enter text automatically scrolls to the end of the form dialog box. The size of the form dialog box is not dynamic as expected.

Reference Number	Description
HPM-57317	A user can create a unit system in desktop client even though the user doesn't have the authorization to create unit systems.
HPM-56435	You can't copy the characteristic of an item to other items in Web client.
HPM-56106	If you enable the <code>db.integrated.security = true</code> property in <code>server.properties</code> , the server fails to start with the <code>no sqljdbc_auth in java.library.path</code> error.
HPM-55950	If an attribute name of an item contains the { special character, an error occurs and the Data Quality execution fails.
HPM-55841	When you import a long text that contains HTML tags, the HTML tags in the imported data is different from the HTML tags in the client even though you have set the <code>com.heiler.ppm.richtext.server/richtext-html-cleaner = false</code> property in <code>plugin_customization.ini</code> file.
HPM-55140	An export template with a mandatory assortment exports successfully even though the assortment assigned to the template is deleted and appears as blank values in the export template.
HPM-55137	The Oracle database versions are incorrect in the <code>hmm.properties</code> file.
HPM-54932	Field values that contain special characters doesn't display correctly in the Web User Interface.
HPM-52715	A user can edit the fields of a structure system even though the user doesn't have the required authorization to edit the structure fields.
HPM-52410	The search fails with an error if user enters more than 950 search values.
HPM-50176	The spell check icon appears in Web user interface even though the user doesn't have the permission to use spell check.
HPM-50036	You can't delete with the Delete ingredients permission assigned.
HPM-49753	When you copy a HTML text into a rich text field, the validity message doesn't appear in Web Client even though the <code>com.heiler.ppm.richtext.server/richtext-html-cleaner</code> property is set to true in the <code>plugin_customization.ini</code> file.
HPM-46866	The Base Units field values doesn't display as expected.

## Supplier Portal - Fixed Issues

The following table describes the fixed issues for the Supplier Portal:

Reference Number	Description
HSP-4375	When you remove the user assignment for a supplier, the value for <code>active_portal_supplier</code> is not updated and the supplier is not deactivated as expected.
HSP-4358	If a new supplier registers using SAML, the existing supplier assignment to import mapping is incorrectly deleted.
HSP-4357	If a broker is assigned to more than 1000 supplier catalogs and you try to view the broker, the <code>could not extract resultset exception</code> error occurs .
HSP-4257	A user is incorrectly created in HSX database even if the user doesn't have authorization to login to HSX and the user also incorrectly receives HSX email notifications.
HSP-4027	Even though a user might not have authorization to login to the Supplier Portal, the user gets email notifications incorrectly when the user registers in Supplier Portal. This issue occurs if the user has an email address configured in Product 360.
HSP-3973	When you change the language for privacy policy in the Supplier Portal, the privacy policy doesn't appear in the changed language as expected.
HSP-3720	When you change the supplier name in IDP provider using SAML Single Sign-On (SSO) authentication, the supplier name is incorrectly updated in Product 360.

## Media Manager - Fixed Issues

The following table describes the fixed issues for the Media Manager:

Reference Number	Description
HMM-8692	When you run the installer, the server doesn't start as the Java Runtime Environment is not included in the installer.
HMM-8691	The pipeline with the FileServer connection might not start if the volumes are unavailable.
HMM-8690	The pipeline might not start if the pipeline module fails to get the database time.
HMM-8689	When the XML Connector Module stops, it doesn't restart automatically as expected and starts after you restart the process watcher.
HMM-8688	When the Workflow Module stops, it doesn't restart automatically as expected and starts after you restart the process watcher.
HMM-8661	When you run the buffer volume REST call, the following error occurs: <code>java.lang.ArrayIndexOutOfBoundsException: Index 60161 out of bounds for length 244</code>