

Informatica® MDM - Product 360 10.5 HotFix 2 Service Pack 1

Release Notes

Informatica MDM - Product 360 Release Notes 10.5 HotFix 2 Service Pack 1 December 2023

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Table of Contents

Preface
Informatica Resources
Informatica Network
Informatica Knowledge Base
Informatica Documentation
Informatica Product Availability Matrices
Informatica Velocity
Informatica Marketplace
Informatica Global Customer Support
Chapter 1: Binaries Download 6
Download Software
Chapter 2: New Features
Accelerator
Removal of Unsupported Features
DAM HotFolder (Informatica BPM Accelerator)
DAM Tools (Informatica BPM Accelerator)
Security Enhancements in Product 360 Cloud Edition
Step Workflow (Informatica BPM Accelerator)
Media Manager
Software Upgrade
File Type Designation
Product 360
Windows 11
Repository changes
Microsoft SQL Server Connection Properties
Software Upgrade
Supplier Portal
Customize Page Size
Product 360 - Supplier Portal Integration
User Password
Version Management
View Brokers
Chapter 3: Fixed Limitations
Product 360 Main Fixed Limitations
Supplier Portal Fixed Limitations 25

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.

Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

Informatica Network

The Informatica Network is the gateway to many resources, including the Informatica Knowledge Base and Informatica Global Customer Support. To enter the Informatica Network, visit https://network.informatica.com.

As an Informatica Network member, you have the following options:

- Search the Knowledge Base for product resources.
- View product availability information.
- · Create and review your support cases.
- Find your local Informatica User Group Network and collaborate with your peers.

Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

To search the Knowledge Base, visit https://search.informatica.com. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at KB_Feedback@informatica.com.

Informatica Documentation

Use the Informatica Documentation Portal to explore an extensive library of documentation for current and recent product releases. To explore the Documentation Portal, visit https://docs.informatica.com.

If you have questions, comments, or ideas about the product documentation, contact the Informatica Documentation team at infa_documentation@informatica.com.

Informatica Product Availability Matrices

Product Availability Matrices (PAMs) indicate the versions of the operating systems, databases, and types of data sources and targets that a product release supports. You can browse the Informatica PAMs at https://network.informatica.com/community/informatica-network/product-availability-matrices.

Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services and based on real-world experiences from hundreds of data management projects. Informatica Velocity represents the collective knowledge of Informatica consultants who work with organizations around the world to plan, develop, deploy, and maintain successful data management solutions.

You can find Informatica Velocity resources at http://velocity.informatica.com. If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

Informatica Marketplace

The Informatica Marketplace is a forum where you can find solutions that extend and enhance your Informatica implementations. Leverage any of the hundreds of solutions from Informatica developers and partners on the Marketplace to improve your productivity and speed up time to implementation on your projects. You can find the Informatica Marketplace at https://marketplace.informatica.com.

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 Support option.

CHAPTER 1

Binaries Download

This chapter includes the following topic:

• Download Software, 6

Download Software

You can download the installation packages for MDM - Product 360 10.5 HotFix 2 Service Pack 1.

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_10.5.02.01_SDK_target.zip	Contains the target platform for the development of Product 360 extensions.
Product 360 SDK complete	PIM_10.5.02.01_SDK_complete .zip	Contains the target platform for the development of Product 360 extensions plus samples.
Java REST client	PIM_10.5.02.01_SDK_RESTclie nt.zip	Contains the Java client implementation encapsulating the REST-based services API.
Product 360 Supplier Portal SDK	PIM_10.5.02.01_SupplierPortal _SDK.zip	Contains the full Supplier Portal SDK that includes binaries, tomcat application server, and samples.

CHAPTER 2

New Features

This chapter includes the following topics:

- Accelerator, 7
- Media Manager, 14
- Product 360, 14
- Software Upgrade, 16
- Supplier Portal, 16

Accelerator

Read this section to learn about the enhancements to Accelerator.

Removal of Unsupported Features

Effective in Product 360 version 10.5 HotFix 2 Service Pack 1, the deprecated ECCnet Accelerator is no longer available.

DAM HotFolder (Informatica BPM Accelerator)

Pre-built workflow template that allows you automate the process of loading and processing digital assets into a Digital Asset Management (DAM).

Effective in 10.5 HotFix 2 Service Pack 1, you can choose to increase the stability of the DAM HotFolder workflow process with the following URN mapping and URL port:

```
URN: urn:p360.dam.hotfolder.listener.max.attempts URL: 7200
```

where, urn:p360.dam.hotfolder.listener.max.attempts is the number of processed events until the process restarts automatically. Default URL is 7200.

DAM Tools (Informatica BPM Accelerator)

Suite of pre-built workflow templates and tools that helps you automate the process of managing digital assets in Informatica BPM Accelerator. The DAM Tools suite includes components, such as DAM HotFolder - Step Workflow, asset ingestion, processing, loading, and management.

Storage

Effective in 10.5 HotFix 2 Service Pack 1, you can choose to increase the stability of the DAM Tools workflow process with the following URN mapping and URL port:

```
URN: urn:p360.dam.event.listener.max.attempts URL: 7200
```

where, urn:p360.dam.event.listener.max.attempts is the number of processed events until the process restarts automatically. Default URL is 7200.

Transfer public derivatives from AWS to Azure Blob storage

Instead of making the derivatives publicly available on an AWS-based environment in the Amazon S3 bucket, you can create them in an Azure Blob storage.

Use the following mappings for AWS to store on Azure Blob storage:

URN	URL	Description
urn:p360.dam.azure.bloburl	https://mycompany.blob.core.windows.net/pim- myvompany-asset-container-public	Optional. URL to the public Azure Blob storage container
urn:p360.dam.azure.sastoken	sv=2020-10-02&st=2023-06-20T07%3A00%3A00Z&se	Optional. SAS token for the Azure Blob storage container

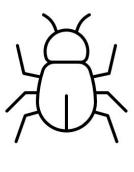
Security Enhancements in Product 360 Cloud Edition

Informatica enabled a malicious file detection service on all instances to protect Informatica customers.

The following sample images shows the supported malicious file detection service available:









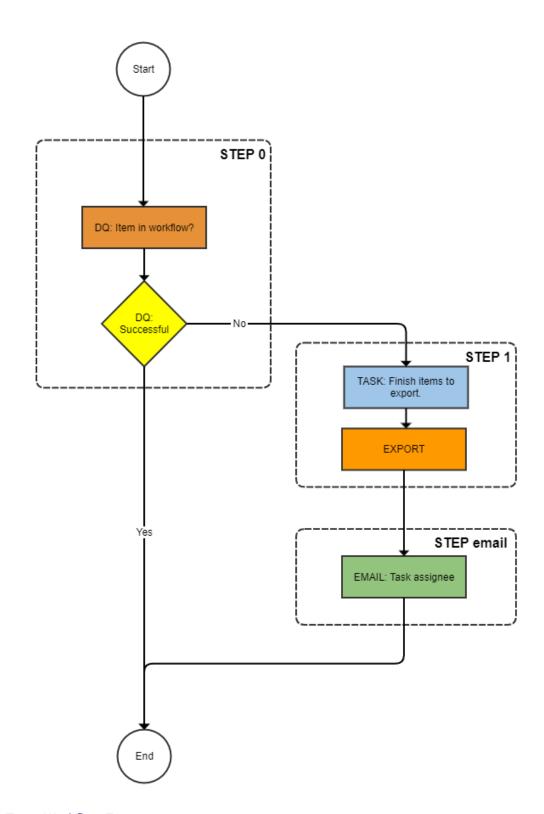
Step Workflow (Informatica BPM Accelerator)

With the step workflow, you can choose to export items, trace workflow events, and define different stylesheets for the different mails.

Export Items with the Step Workflow

Effective in version 10.5 HotFix 2 Service Pack 1, Product 360 Accelerators introduced a workflow in the BPEL InfaNextSteps to export items within the Step Workflow framework.

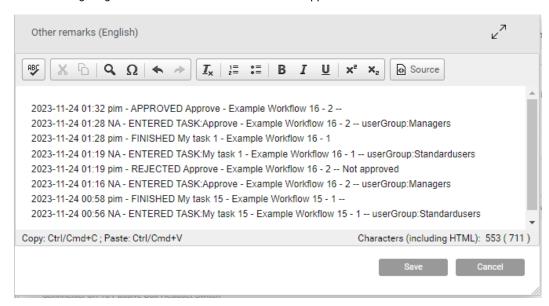
The following flow chart illustrates how you can export items with the step workflow:



Trace Workflow Events

Effective in version 10.5 HotFix 2 Service Pack 1, Product 360 Accelerators allows you to create a protocol for each item, product, or product variant when it goes through relevant steps within the workflow. It enables you to increase traceability, especially when such objects traverse different workflows simultaneously.

The following diagram shows the workflow events that appear in the Other remarks section:

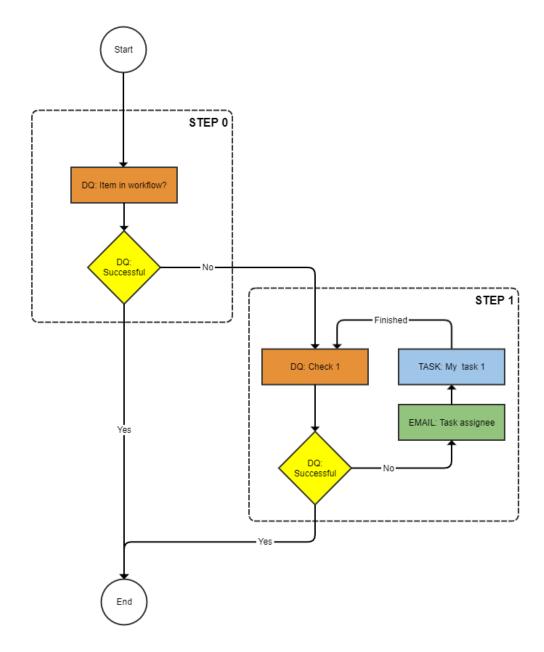


Product 360 allows you to trace the following task events, such as task entered, finished, approved, rejected, or merged with results.

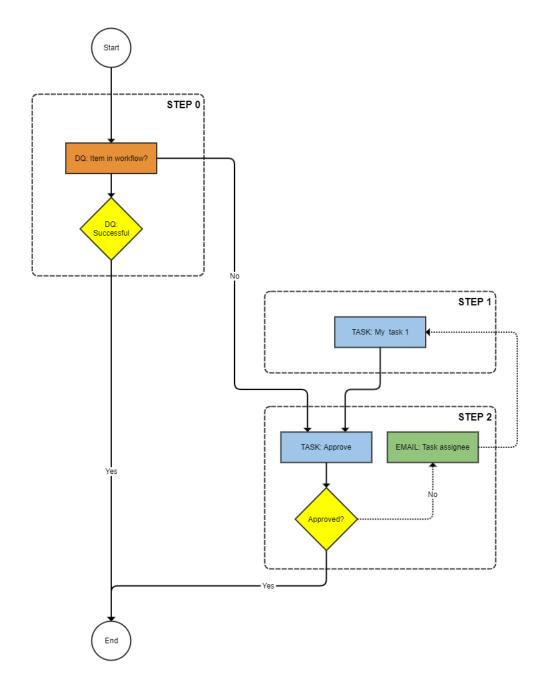
Note: When you enter a task in a parallel workflow, you need to ensure that you revise the workflow to enable tracing.

There are two flow charts that show the two possible ways to enable tracing for parallel tasks in the Step Workflow.

Case 1: When the item is missing in the workflow, it emails task assignee to take the task to completion, as seen in the following flowchart:



Case 2: When the item is missing in the workflow and the task is not approved, it emails task assignee to take the task to completion, as seen in the following flowchart:



Mails with Style Sheets

Effective in version 10.5 HotFix 2 Service Pack 1, Product 360 Accelerators allows you to define your own style sheets for different emails.

The following screenshot shows a sample email style sheet available with the Step Workflow:



Media Manager

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

Software Upgrade

Effective in version 10.5 HotFix 2 Service Pack 1, the upgrade installer includes a software upgrade for the Supplier Portal as well as for the Media Manager web application.

The service pack includes the following software versions:

Software	Version
JAVA	17
Tomcat	9.0.82

File Type Designation

Corrected the value for the File Format Type .INDD to Adobe InDesign Document.

To update the existing media asset, run the following database query on the opasdb database:

UPDATE F_IMGKOMP SET PKOM_MEDTYP = 'Adobe InDesign Document' WHERE PKOM_MEDTYP='Adobe
InDesing Document';

Product 360

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

Windows 11

Effective in version 10.5 HotFix 2 Service Pack 1, Product 360 uses Windows 11 as the operating system for the Product 360 Desktop client.

Repository changes

Modified the Article Lang Type, Article Price Type and Article Reference Type entity Types to contain the Entity ID in logical keys and fields list.

The following table shows the standard custom entities created on top of the entity types with the inherited logical key and field:

Entity Type	OOB custom entities
ArticleLangType	ArticleLang [Language-specific data] VariantLang [Language-specific data] Product2GLang [Language-specific data]
ArticlePriceType	ArticlePricePurchase [Purchase price] ArticlePriceSales [Selling price] VariantPricePurchase [Purchase price] VariantPriceSales [Selling price] Product2GPricePurchase [Purchase price] Product2GPriceSales [Selling price]
ArticleReferenceType	ArticleComponent [Component] ProductReference [Higher-level product] VariantReference [Higher-level variant] Article2Product2GReference [Referenced products] Article2VariantReference [Referenced variants] ArticleReference [Referenced items] SuperordinateProductReference [Higher-level product] Variant2Product2GReference [Referenced products] Variant2VariantReference [Referenced variants] Variant2ArticleReference [Referenced items] Product2GReference [Referenced variants] Product2G2VariantReference [Referenced variants] Product2G2VariantReference [Referenced items]

Microsoft SQL Server Connection Properties

Effective in version 10.5 HotFix 2 Service Pack 1, Informatica supports the JDBC driver version 12.4.1 to communicate with the Microsoft SQL Server.

The following table shows the updated JDBC URL values for the main, master, supplier in the server properties template for Microsoft SQL Server:

Parameter	JDBC URL Value
db.main.pool.jdbcUrl	jdbc:sqlserver://\${db.main.server}:\${db.main.port};databaseName=\${db.main.database};integratedSecurity=\$ {db.integrated.security};sendStringParametersAsUnicode=true;selectMethod=direct;responseBuffering=adaptive
db.master.pool.jdbcUrl	jdbc:sqlserver://\${db.master.server}:\${db.master.port};databaseName=\${db.master.database};integratedSecuritedb.integrated.security};sendStringParametersAsUnicode=true;selectMethod=direct;responseBuffering=adaptive
db.supplier.pool.jdbcUrl	jdbc:sqlserver://\${db.supplier.server}:\${db.supplier.port};databaseName=\${db.supplier.database};integratedSed {db.integrated.security};sendStringParametersAsUnicode=true;selectMethod=direct;responseBuffering=adaptive

Software Upgrade

Effective in version 10.5 HotFix 2 Service Pack 1, the upgrade installer includes a software upgrade for the Supplier Portal as well as for the Media Manager web application.

The service pack includes the following software versions:

Software	Version
JAVA	17
Tomcat	9.0.82

Supplier Portal

The Supplier Portal includes the following enhancements:

Customize Page Size

Customize page size for unassigned and assigned mappings.

Specify a value for the mam.mapping.mappingSupplierListSize property in the assignment window to customize the page size. By default, the page size is set to 50.

Product 360 - Supplier Portal Integration

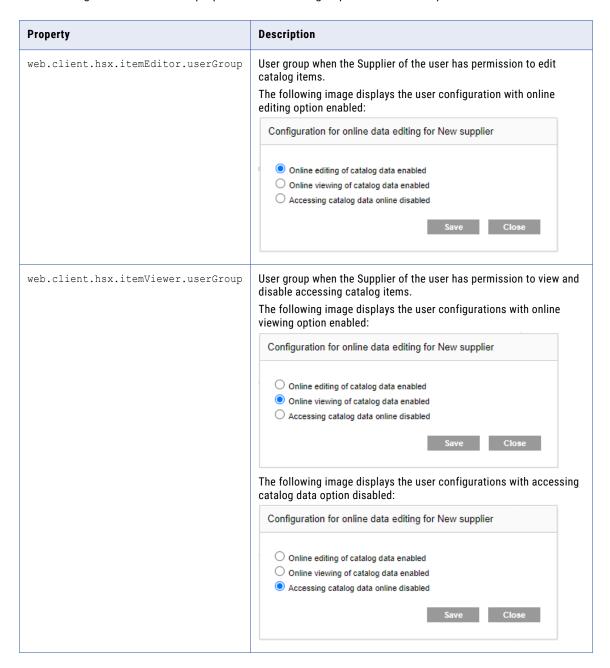
Read this section to learn about the Product 360 Supplier portal and Product 360 enhancements.

Effective in version 10.5 HotFix 2 Service Pack 1, Informatica eliminates the need to create service account users based on the web.client.hsx.supplier.login and web.client.hsx.readonly.supplier.login parameters from the webfrondend.properties file. To preserve an audit trail for actions performed by supplier users, Product 360 automatically creates a corresponding user for each supplier administrator, supplier user, and broker user upon their first login. The auto-created users are assigned to user groups based on the supplier's access level in the P360 Supplier Portal, granting them either read-only or edit permissions for items in the respective catalog. Review the new user group properties for Product 360 - Supplier Portal Integration in the webfrondend.properties file.

Note: web.client.hsx.supplier.login, web.client.hsx.supplier.password, web.client.hsx.readonly.supplier.login, and web.client.hsx.readonly.supplier.password are obsolete.

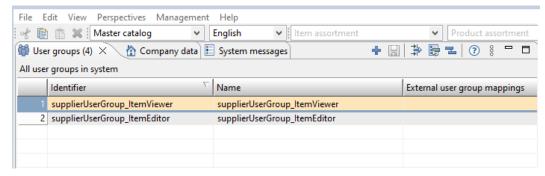
User groups and permissions

The following table lists different properties for the user groups and their description:



Ensure that the user group identifiers and the property values for web.client.hsx.itemEditor.userGroup and web.client.hsx.itemViewer.userGroup are identical.

The following image displays the property values for web.client.hsx.itemEditor.userGroup and web.client.hsx.itemViewer.userGroup:



The following table describes the default matrix for user group details for each of the web client properties:

Property	Property Value, User Group Identifier or Name
web.client.hsx.itemEditor.userGroup	supplierUserGroup_ItemEditor
web.client.hsx.itemViewer.userGroup	supplierUserGroup_ItemViewer

The Product 360 supplier portal system user (Product 360 Supplier Portal Administrator user) requires additional action rights to authenticate the new user creation. In addition to the existing action rights, the Product 360 supplier portal administrator group requires the following action rights:

Rights Group	Permission	Required
Users	Create Users	Yes
Users	Edit Users	Yes

The new users created are hidden on the All users list of desktop client. However, you can view the Organization perspective in the All users assigned to a user group list of the desktop client.

□ □ | [🕍 Action rights (393) × 🏰 Interface visibility | 🕍 Object rights (system) | 🖠 👹 User groups (5) 🗴 🟠 Company data 🗉 System messages + 🖫 🖨 🔁 🔞 🔞 All action rights of user group "supplierUserGroup_ItemEditor" All user groups in system Allo...

∇ Permission Rights group Identifier Name External user group mappings Structure groups, general access Structure groups supplierUserGroup_ItemEditor supplierUserGroup_lt.. $\overline{\checkmark}$ Log in (Web) Web Permissions 2 supplierUserGroup_ItemViewer supplierUserGroup_lt.. \checkmark Task management, general access Tasks ~ Supplier catalogs, general access Catalogs Items, general access Items \checkmark 8 \checkmark Item search management, general ac Item search q Perform import Import Structures 10 Structures, general access 11 $\overline{\mathsf{V}}$ Edit items Items 12 Delete customers Customers 13 Product management, general access Products 14 Lookup values, general access Lookups 15 Edit variant attribute values Variants 16 Edit prices 17 Add multimedia attachments Multimedia atta... 18 Configure attribute transfer 19 Download documents Document man.. П 20 Edit processes Process planning 1 element selected 21 Edit prices (in the past) Products 22 Delete structure groups Structure groups Members (9)

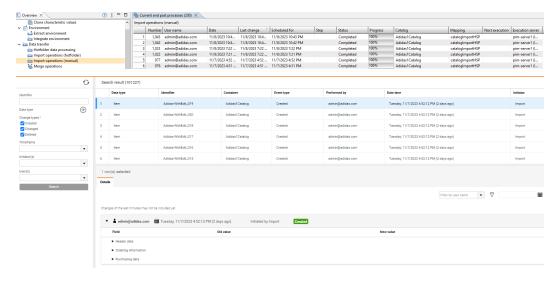
 Me ‡> ≣= 1 ② % □ □ All users assigned to the user group "supplierUserGroup_ItemEditor" 24 Create system messages System messages Password Active Given name Name Alias User name 25 Remove supplier catalogs from version Catalogs 26 Units broker1@user.com Create unit systems 27 2 admin@adidas.com Delete structure features Structure features 3 user1@broker1.com V 28 Edit structure group feature Structure groups 4 user1@adidas.com ₹ 29 Delete suppliers Suppliers 5 user2@broker1.com ✓ 30 Dictionaries for spellcheck, read objec... Dictionaries 6 user2@adidas.com ✓ 31 Compare Supplier/Master items Items 32 Predefined queri 7 user3@adidas.com Queries, read object rights ****** ₹ 33 8 user4@adidas.com Create import mappings Import 9 user5@adidas.com 34 Assign workflow task objects Tasks 35 Edit item attribute values Items

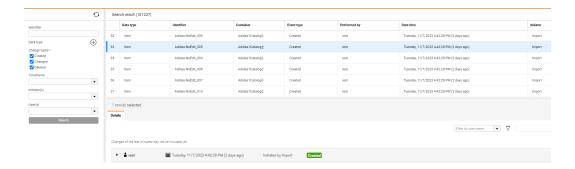
The following image displays all users assigned to a user group:

Note: These users will have limited rights (based on the Item Editor and Item Viewer user group permissions) and cannot be allowed to access the Product 360 application independently from Web or Desktop client.

Changes in Audit

The following images display all operations performed from Supplier portal. The supplier user undergoes audit and has the username of supplier user shown in any job and in the audit trail of Product 360:





User Password

To enhance password security, Informatica implemented an upgraded encryption algorithm. Complete the migration process during your first login after the upgrade or during a password reset. Upon successful login, you will be prompted to change your password to complete the migration.

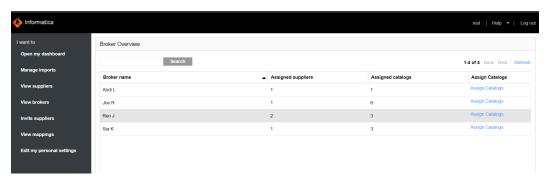
Version Management

To upgrade the version management system on Windows, run the setupToUpdateOracle.cmd script before starting the Supplier Portal service. Use setupToUpdateOracle.sh on Linux.

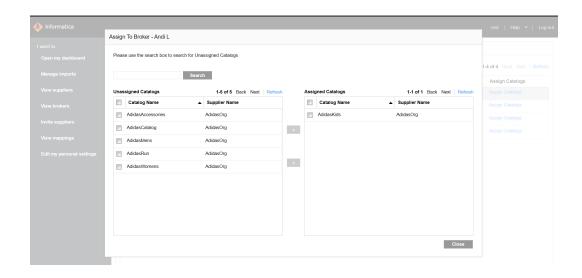
View Brokers

Effective in 10.5 HotFix 2 Service Pack 1, you can assign multiple catalogs to a broker in single operation. You can also see all the catalogs assigned to a broker user at one place.

The following screenshot shows the Broker Overview page:



The following screenshot shows the catalogs assigned to each broker:



CHAPTER 3

Fixed Limitations

This chapter includes the following topics:

- Product 360 Main Fixed Limitations, 23
- Supplier Portal Fixed Limitations, 25

Product 360 Main Fixed Limitations

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

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

Reference Number	Description
HPM-61236	Additional Media Manager workflow ran on new media version.
HPM-60812	Audit Trail Migration throws null pointer exception.
HPM-60794	Search NOT EQUAL TO function fails to work in some cases.
HPM-60708	Proper handling of max framesize exceeded exception.
HPM-60698	Server restart required when maintaining characteristics.
HPM-60564	Data update not working in custom sub entity fields.
HPM-60552	Workflow status enter API fails in Linux environment.
HPM-60495	Audit Trail Migration throws null pointer exception.
HPM-60488	Unable to start EBF2 for 10.5 HotFix 1.
HPM-60480	Rich text editor icons displayed using default setting.
HPM-60478	Task description update REST call that affects WorkflowStatusEndpoint.
HPM-60420	Admin access required to change bundles.info.
HPM-61275	JSONStringValue escapes valid JSON characters.

Reference Number	Description
HPM-61241	Default values for GDSN in application_modules.properties.
HPM-61235	Audit trail archive information incomplete.
HPM-61234	IMM java.lang.NumberFormatException occurs.
HPM-61221	Rest-based BPM Trigger not working.
HPM-61115	Vaadin event ListenerMethod\$MethodException during task approval.
HPM-61016	Claire installation not working.
HPM-60925	More precise log output needed for NPE analysis.
HPM-60923	P360Claire Python incompatibility with dependency libraries.
HPM-60868	Greater or lesser or equal query fails for characteristic.
HPM-60765	XML connector updates cause PIM Multimedia Attachments to update.
HPM-60706	Refresh in RTE doesn't work properly.
HPM-60690	GClog not working since version 10.5 HotFix 1.
HPM-60650	Not Accepted tasks fail to appear in the 360 Degree View tab.
HPM-60565	Unable to import rules from Informatica Data Quality 10.5 into P360.
HPM-60563	ChangeSummary always in XML format.
HPM-60550	Using same DQ channel for item and product throws an error.
HPM-60537	Incorrect results from characteristics query builder.
HPM-60493	User Group can't be deleted after finishing assigned tasks.
HPM-60486	Attribute value disappears in saved search query in WEB UI.
HPM-60449	Unable to delete lookup values in Product 360.
HPM-60395	Drag and drop action stops responding with the addFeedback status in commandContext.
HPM-60253	HTTP ERROR 500 ServletException with NullPointerException.
HPM-59864	BUG on Group By Feature.
HPM-59508	Nullpointer when opening FlexUI on structure group.
HPM-59299	Export format UTF-8 issues with non-UTF8 encoding.
HPM-59228	Import jobs failing with ClassNotFoundException.
HPM-59176	Issue importing excel file with HTML elements.

Reference Number	Description
HPM-59051	Error when classifying structure preset value.
HPM-59006	Unable to change structure group with COPY setting.
HPM-58547	Qualified field rights not working for lookup fields in web UI.
HPM-57735	Show in import perspective property displays an internal error.
HPM-57579	Check_PresetValues - Aggregate error occurs while running Data Quality rules.
HPM-61273	Technical information section file type spelling error.

Supplier Portal Fixed Limitations

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

Reference Number	Description
HSP-4228	PIM web log in fails even after logging out of the Supplier Portal.
HSP-4255	Import error message not shown in the details box.
HSP-4175	Getting error while inviting the supplier from the Supplier Portal.
HSP-4170	Error occurs while parsing the S360BearerMessage in the Supplier Portal.
HSP-4133	Error shown after upgrading to 10.5 HotFix 1.
HSP-3946	Mail notifications fail with the TLS issue.