Informatica® MDM - Product 360
8.1.1 HotFix 6

Release Notes

Informatica MDM - Product 360 Release Notes
8.1.1 HotFix 6
September 2020

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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, support changes, and fixed limitations in version 8.1.1 HotFix 6.

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 eSupport option.

CHAPTER 1

Binaries Download

This chapter includes the following topic:

Software

The installation packages of Product 360 will be available within the Informatica shipping portal.

Partners will need to request software through the partner portal (PARC).

If they have not registered for PARC, they can do it here: http://parc.informatica.com/partners

All packages for the development of extensions for the current software version can be downloaded here:

Content	Download Link	Remark
Product 360 SDK target	PIM_8.1.106.00_SDK_ target.zip	This package contains the target platform for the development of Product 360 extensions.
Product 360 SDK complete	PIM_8.1.1.06.00_SDK _complete.zip	This package contains the target platform for the development of Product 360 extensions plus samples.
Java REST client	PIM_8.1.1.06.00_SDK _RESTclient.zip	This package contains the java client implementation encapsulating the REST based Services API.

CHAPTER 2

New Features

This chapter includes the following topics:

Logging Improvements

Logging in Product 360 has been updated to run with `log4j2`. This means that a number of configuration files have been changed to support the newer version of `log4j`. Besides changes made in `log4j` configuration files, the wrapper.conf files needed to be adjusted too in order to configure the path to the new `log4j2.xml` configuration. The following code snippet is an example for the Audit Trail component:

```
# Old configuration to specify the path to log4j.xml

wrapper.java.additional.11=-Dlog4j.configuration=file\:configuration/audittrailserver/
log4j.xml

vs.

# New configuration to specify the path to log4j2.xml

wrapper.java.additional.11=-Dlog4j2.configurationFile=configuration/audittrailserver/
log4j2.xml

wrapper.java.additional.12=-
Dorg.apache.commons.logging.LogFactory=org.apache.commons.logging.impl
```

Note: Please note that the variable to the `log4j` path has also changed inside the `log4j2.xml` file. Instead of using `${pim.log4j.path}`, you now need to use `${sys:pim.log4j.path}` to access the `log4j2` path.

Product 360 Server and Client

The Product 360 server and client now store the logging configuration inside their new `log4j2.xml` files, replacing their old `log4j.xml` files. The location of these files has not changed.

Audit Trail

For Audit Trail the configuration is now also stored inside the `log4j2.xml` file, replacing the old `log4j.xml` file at the same location.

Control Center

The Control Center logging configuration is also stored inside the `log4j2.xml` file.

Custom Appenders

The required implementation to configure your own custom appender has changed. To see what has changed, please check the example implementation of a custom appender under `{server location}/sdk/examples/customizing`

Media Manager

The logging configuration is now stored in the new file `log4j2.xml`. This new configuration replaces the old `log4j.properties` file. The location of the configuration file within each module does not change. The same goes for the available loggers. This affects following Product 360 Media Manager modules:

• Product 360 Media Manger Web application

• Product 360 Media Manager Process Engine

• Product 360 Media Manager REST Service for Supplier Portal

• Product 360 Media Manager Database Updater

Configurable Auto-refresh Switching to Structure Perspective in Web UI

If a user was switching from another perspective (e.g. Catalogs) to Structures, the list table view shows still the content of the previous module. Web users could benefit from this function enabling a direct classification of the corresponding objects (e.g. the listed items from the Catalogs perspective) to a desired structure group via drag and drop. Nevertheless, it may confuse users why the list table view is not automatically refreshed for the current Structures perspective.

In order to provide a better user experience, this behavior can now be configured with a new property `web.client.structure.autoRefreshOnSwitch` in the `webfrontend.properties`. The default value is *false*, which means the default behavior remains the same. It can be set as *true* now however to enable auto-refresh of the UI.

Note: In coming versions, this setting will be removed, and the auto refresh always enabled as new default, to have a consistent refresh behavior across all user interface sections.

```
webfrontend.properties


# Specifies whether the structures perspective should automatically refresh its content
by user switch from other perspective(e.g.Catalogs).
# - If "false", structure perspective is not automatically refreshed by switch, so that
user is able to select
#   an object from the previous perspective and assign it to the corresponding structure
group via drag and drop.
# - If "true", structure perspective will always refresh the main application area on
user switch.
# The default is: false
web.client.structure.autoRefreshOnSwitch = false
```

Higher Precision for Decimal Fields in Data Quality Rules

From now on it is possible to use decimal values with a higher precision. A precision of up to 28 digits per field can be used now. High precision is disabled per default. High precision can be enabled for all data quality rules or just for specific data quality rules.

The setting for high precision adjusting the customization property `com.heiler.ppm.dataquality.server/dataquality.executor.useHighPrecision` in `plugin_customization.ini`.

```
# ----------------------------------------------------------------------------

# Data Quality Settings

# ----------------------------------------------------------------------------

#

# Specifies whether or not to use high precision for decimal values.

# Precision loss occurs if the decimal value has a precision greater than 15 digits.

# High precision can be enabled for all data quality rules or just for specific data
quality rules.

# Example for a specific rule: com.heiler.ppm.dataquality.server/
dataquality.executor.useHighPrecision.Informatica_PIM_Content_Custom_Rules_Check_HighPrec
isionRule = true

# Default: false

#com.heiler.ppm.dataquality.server/dataquality.executor.useHighPrecision = false
```

Note: Existing custom rules, which use more than 28 digits, have to be adjusted so that all digits are reduced to 28 digit precision. This must be done before any P360 server update.

Caching Improvement

Introducing a new caching technology allows Product 360 server to cache more objects with the same memory footprint. This results in a better system performance.

A new configuration file called `CacheConfig.xml` is now available. The shipped default cache configuration fits for the most customers.

If you have adjusted the settings via the existing `ehcache.xml` for caches with prefix `dataGraph`. You need to monitor the system and the cache hit rate.

CHAPTER 3

Changes

This chapter includes the following topic:

Supporting Wildcard Characters in Item Search

Since 8.1.1.05 already the use of wildcards in searches has changed. From now on a new operator "wildcard search" is provided, which will now allow a user to use wildcard characters in the search query. All other comparison operators will not support wildcards any longer.

The new comparison operator "wildcard search" comes with the following main capabilities:

- It allows 2 wildcard characters '%' and '_'
- Underscore (_) - Returns results that contain any character in the position of the underscore
- Percentage (%) - Returns results that match the pattern of the search string
- Using backslash (\) before the wildcard character will make it behave like a regular character (e.g \% and _)

| Context selection | No structure selected | Item search ✕ | Tasks |

Unnamed query

Remark: The results set includes those objects of the data type Item that meet all of the search criteria that can be expanded using the "Field selection" button (AND link).
Several comparison values separated by ";" can be used to specify search alternatives for each search field (OR link).

☐ Filter by assortment

| | ... |

Find field: Short description (English)

Comparison operator: wildcard search ▼

Comparison value: battery%drill

☑ Match case

☐ Display result in new view

[Field selection...]   [Start search]

CHAPTER 4

Fixed Limitations

This chapter includes the following topics:

Product 360 Fixed Limitations

This release delivers a number of bug fixes that have been documented in the Fixed Limitations section below. If you encounter difficulties or have further questions regarding one of these limitations, contact Informatica Global Customer Support and reference the CR number.

Reference Number	Description
HPM-40790	Security#13: Missing security option in configuration
HPM-41223	Problem with structures in webaccess
HPM-43373	Refresh problem by switching between catalogs and structures mode in Web Client.
HPM-43608	UI issue for selected/mapped usergroups from different LDAPs with the same name
HPM-43673	Unexpected error from JAVA persistence API when adding items to a structure group.
HPM-45519	DQ rule is not executing as expected anymore since update to 10.2
HPM-46967	German umlauts are not shown correctly in Web Client
HPM-47325	Web filter doesn't respect the picture clause for a date time field and returns incorrect results.
HPM-48378	Refresh problem when deleting standard Task in PIM Web client
HPM-48560	Missing index in Oracle for ProcessStatusEntry
HPM-48705	The picture preview field is a mismatch in the order which is defined in the flexUi.
HPM-48931	Critical Vulnerabilities in QA WebUI: Reflective XSS in POST/GET request with SAML

Reference Number	Description
HPM-48932	With versioning, the default language is always used by the server and the language key is ignored
HPM-49008	popup functionality works in PIM desktop but not in web
HPM-49031	Maximum & Minimum range value in Error message is taken from Types section
HPM-49156	Versioning: No versioning after Characteristic not found error
HPM-49274	Focus in Organization view on tab "Qualified field rights" gets lost
HPM-49278	Rejected article values are still put into the web UI for multi-value attributes
HPM-49322	Issue in export template with data source all groups in structure system - data type Group features
HPM-49709	selection and focus gets lost after leaving a 'cell in edit mode'
HPM-49792	'{&change-report}' tag in email template got changed and does not return values
HPM-49856	Enum suggestions are different in PIM Desktop and Web UI in lookup values.
HPM-49909	PIM rest API URL couldn't able to preview multi-selected data of a lookup field while using aliases.
HPM-50014	REST Update is creating several Change Events in Media Manager
HPM-50016	New added fields are shown in wrong language
HPM-50081	Error in B2B Exchange while registering
HPM-50253	"PostImport: auto path resolution for ArticleType objects" takes nearly 32 hours to run.
HPM-50280	Desktop Client freezes when loading structure features which have huge amounts of preset values (>10k)
HPM-50335	References are sometimes incorrectly resolved after the merge.
HPM-50367	Problem with Exportfunction MimeGetUNCPath with active cache and structuregroups
HPM-50377	Log entries with "PrintListModelMetadata"
HPM-50484	Http threads are waiting to get lock for workflow2gdomainobject
HPM-50489	Menu entries in web are displayed in server language instead french
HPM-50528	Loading media assets with same prefix in name is taking time
HPM-50585	PIM SDK Server starts with error of unresolved dependency org.apache.http
HPM-50586	ConversionException when accessing certain fields in Web Client in saved query
HPM-50631	Qualified (language) permissions doesn't work in Web UI
HPM-50654	'RejectDecision' info from BPM workflow is not always saved in PIM DB

Reference Number	Description
HPM-50657	Setting the field to editable false in the repository does not work in the view detail form.
HPM-50738	Version is not reflected correctly in web client and supplier Portal
HPM-50797	Confusing log entries "Communication framework under high load"
HPM-50886	Focus in Organization perspective on several Tabs gets lost
HPM-50899	Edit to the Field Rights in Organization perspective is not getting saved
HPM-50937	Characteristic Assignments are deleted automatically when assignments are changed
HPM-50938	Incorrect display for Default Locale in PIM Web Client
HPM-51041	How to show a special character in QualityStatusEntry.Message field?
HPM-51142	Text 2g fields do not return any value if data contains square brackets
HPM-51195	Problem with Filter on Master Catalog which makes no sense
HPM-51217	AcceptAndFinishWorkflowTaskProductMenuItem in VariantModule
HPM-51223	Export aborted with 'Invalid value for parameter "masterIdToProxyMap" ({})'
HPM-51281	Item Search with wildcard characters does not work as expected
HPM-51290	Server was not responding with heap usage went high
HPM-51292	Last changed date for delta export channels are updating when they shouldn't be
HPM-51306	Tooltip of Lookup is showing Name instead of description or any other field
HPM-51337	DQ performance is getting worse after every execution
HPM-51340	Cloning operation of items and products assigned to restricted structure
HPM-51384	Issue during an import when having structure mappings in place.
HPM-51388	OK button is disabled when showing current date in Export template
HPM-51448	Field "Last changed on" changed when no changes are made on an item
HPM-51460	Deleting the DEFAULT value for the value Identifer isn't saved in the item search query
HPM-51524	Can't see and manage characteristic values due to the wrong "cache" of the "access right"
HPM-51529	Cannot find attribute 'parentLookupValueIds' in persistence entity error during repository startup
HPM-51570	Login Page shows duplicate Language selection (SSO)
HPM-51623	Incorrect tasks (with the name "Object of Data type "Tasks") are getting created while moving
HPM-51713	Installing the SDK Source does not work correctly

Reference Number	Description
HPM-51864	No update for last changed on date/time when updating records of based on delta export channel
HPM-51901	Cannot set checkboxes in 10.0.0.01.01
HPM-51902	Cannot set checkboxes in Organization perspective (Action rights, Field rights etc.)
HPM-52015	Invalid URLs in multiple places in Installation Guide
HPM-52017	Rest calls and Product Finder are not working with Longer Language ID
HPM-52028	Import is causing memory leak on structure features
HPM-52035	Merge job is taking time even for single record
HPM-52051	Channel specific "change date" for the delta export does not work on Custom EGDType entity
HPM-52061	Image preview (zoom) does not work properly after changing the tab in the WebUI
HPM-52222	Error exporting File-attachments-submodule
HPM-52251	Creation of a price in Web UI for an already existing Key does not modify the existing price
HPM-52272	Picture clause works differently for PIM rich and PIM web client for a date field
HPM-52283	Still possible to select read only characteristics
HPM-52422	The read only mode does not work for Multi valued Enumeration field
HPM-52573	Unable to open Structure with "Cycle delete in structure group hierarchy" error
HPM-52814	SDK launches are outdated in version 8.1.1.06 (DB/SERVER/CLIENT/REPOSITORY) and doesn't work

Product 360 Supplier Portal Fixed Limitations

This release delivers a number of bug fixes that have been documented in the Fixed Limitations section below. If you encounter difficulties or have further questions regarding one of these limitations, contact Informatica Global Customer Support and reference the CR number.

Reference Number	Description
HSP-3862	High Severity Finding "Authorization Bypass"
HSP-3839	Update History Getting Removed In Supplier Portal
HSP-3823	PortalAdmin IDP provider is taken priority

Product 360 Media Manager Fixed Limitations

This release delivers a number of bug fixes that have been documented in the Fixed Limitations section below. If you encounter difficulties or have further questions regarding one of these limitations, contact Informatica Global Customer Support and reference the CR number.

Reference Number	Description
HMM-7923	Preview State is not set correctly if Images are Uploaded via Medias (no Pipeline)
HMM-7883	Getting error SearchField Value not correct when searching for Preview Status in WEB
HMM-7775	Below query doing full table scan resulting in full DB scan
HMM-7760	ProcessWatcher can't start workflow module
HMM-7754	Can't save user data in MAM Web