



Informatica<sup>®</sup> MDM - Product 360  
10.0 HotFix 3

# Release Notes

Informatica MDM - Product 360 Release Notes  
10.0 HotFix 3  
February 2021

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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.

## 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](mailto: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](mailto: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](mailto: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, 6](#)

### Software

The installation packages of Product 360 10.0 HotFix 3 will be available within the Informatica shipping portal.

Partners can request software through the partner portal.

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

Packages for the development of extensions for the current software version - Software Development Kit (SDK):

Content	Download Link	Remark
Product 360 SDK target	PIM_10.0.0.03.00_SDK_target.zip	This package contains the target platform for the development of Product 360 extensions.
Product 360 SDK complete	PIM_10.0.0.03.00_SDK_complete.zip	This package contains the target platform for the development of Product 360 extensions plus samples.
Java REST client	PIM_10.0.0.03.00_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:

- [Product 360 Core, 7](#)
- [Security, 7](#)

### Product 360 Core

#### Improved cache synchronization in multi-server setups

With the introduction of improvements in the server notification time, we are happy to announce the removal of the delivery delay for message queue messages. With that we have also removed the property `queue.default.delivery.delay` in `server.properties` introduced with the release of Product 10.0 for a much faster execution experience of single message queue calls in multi-server deployments.

**Note:** In case the property has been modified in your deployment, we strongly recommend to remove it to benefit from the new performance.

#### Import - improved capabilities for fixing purposes of import mappings

Multiple purposes for import mappings are not possible as per design. However, due to some issues in the past it might have happened that import mappings contained multiple different purposes or multiple same purposes in the database. This should not be the case any longer. For a detailed documentation, please refer to the section 'Multiple Purposes for Import Mappings in the GenericData Table' in the P360 Core Database Migration article in the Database Migration guide.

## Security

#### Prevent automated login attempts

Starting with this release we have added a protection against brute force login attacks which aim to gain access to user accounts by repeatedly trying to guess the username and password. A user account will be

locked out for a set period of time after a number of failed login attempts. In this way, Product 360 is able to prevent automated attacks. All failed attempts of the same user on each server are counted individually, no matter from where the request is coming (e.g., from Desktop UI, Web UI or via a REST call). The count of failed attempts is automatically reset once the lock period is reached, or a login has been successful before the number of `maximumFailedAttempts` has been reached. The corresponding maximum allowed attempts count and lock period are configurable within the following settings in the `plugin_customization.ini`.

**plugin\_customization.ini**

```
# Specifies the maximum number of failed login attempts with wrong password. If this
# number is reached, then the user account will be temporarily locked.

# Default value is 10.

    com.heiler.ppm.security.server/security.preventLoginAttempts.maximumFailedAttempts
= 10

# Specifies how long the user account will be temporarily locked if the maximum login
# attempts is reached.

# Default value is 1800 seconds(= 30 minutes).

    com.heiler.ppm.security.server/security.preventLoginAttempts.lockPeriodInSeconds
= 1800
```

## Ignore `<img>` HTML tags in rich text editor

The `src` attribute of `<img>` HTML tags could potentially point to a vulnerable or improper URL. With this release we allow to explicitly configure that any `<img>` tag inside the rich text editor should be ignored via the following setting in `plugin_customization.ini`.

**plugin\_customization.ini**

```
# If set to false, img tags are not allowed in rich text fields.

# IMG html tags can contains src-attributes which can be vulnerable or can contains
# improper urls.

# Default is true.

    com.heiler.ppm.richtext.server/enable-img-html-tag = true
```



# CHAPTER 3

## Fixed Limitations

This chapter includes the following topics:

- [Product 360 Main Fixed Limitations, 9](#)
- [Supplier Portal Fixed Limitations, 13](#)
- [Media Manager Fixed Limitations, 13](#)

### Product 360 Main 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-54471	Chinese Characters are not properly displayed in the Web UI Labels.
HPM-54465	Acquired entity manager is not getting released.
HPM-54396	PEN-TEST-ISSUE: Outdated software (ckeditor) with known vulnerabilities on the web server.
HPM-54342	Unnecessary modification of items during Structure reassigning.
HPM-54335	Creation of a nutrient for an item is not possible after update to EBF2 for Version 10 HF2.
HPM-54323	In case when a lookup has a numerical name and if another lookup has the same code value, in the drop down it appears as Lookup_Name(Lookup code).
HPM-54303	"Create reference" action is not displayed for products and variants.
HPM-54296	The invalid long text reappears in the text box.
HPM-54200	Error in item search in last changed on field (FunctorException: ArticleLog.ModificationDate).
HPM-54187	Merge Job Fails throwing SQL Exception in the Server Log, but marked 'Completed' in Job Overview.
HPM-54161	Error Response to BPM via MQ does not contain details of error.

Reference Number	Description
HPM-54114	Changing a structure group assignment in mapped Structure when using the "StructureGroup Identifier" and having a "hierarchical number" maintained end up in a change in "last Modified on (PIM)".
HPM-54112	Display of tables and forms in detail tab - downscaling of tables different to form fields.
HPM-54087	Unexpected internal error while running the merge job.
HPM-54077	getFieldValue with qualifier in Characteristic Validation expression.
HPM-54053	datetime fields of ArticleSubDomainType entity are misconfigured in repository with respect to hibernate queries.
HPM-54025	Client stability issues continued - client freezes after switching to an Item perspective with grouping.
HPM-53965	Security: response code distinguishes between wrong login and password.
HPM-53949	Characteristic icon cannot be disabled in the web ui.
HPM-53948	Web search does not work under the administrator user.
HPM-53946	DB exception while trying to save an import mapping.
HPM-53922	web clients add   tag to richt text field when editing.
HPM-53819	Removing single structure assignment manual not possible.
HPM-53803	Editable Preview component of Last item in task editable after task complete.
HPM-53740	lookup Dropdowns is sometimes not visible in P360 WebUI of the server which skips 'hjr.lookup.serverInit'.
HPM-53734	Search queries no longer consider the restriction over an assortment.
HPM-53721	Merge jobs is not throwing any error message when items are not found.
HPM-53705	Duplicate users getting created in PIM.
HPM-53703	Customized field name changes after adding new fields in the PIM Web Client.
HPM-53680	Values are not saved in Text field on web tab as well as Flex UI after V10 upgrade.
HPM-53658	Task is not visible after switching from one view to other in Web UI.
HPM-53650	Changing a structure group assignment when using the "StructureGroup Identifier" and having a "hierarchical number" maintained end up in a change in "last Modified on (PIM)".
HPM-53602	Desktop Client not showing Version, but placeholders, for languages other than english/german.
HPM-53528	Loading and saving of EGDType entity with many sub-entities is very slow and desktop client freezes.

Reference Number	Description
HPM-53518	Problems with External User Group synchronization (SAML SSO and LDAP).
HPM-53507	DB deadlock error.
HPM-53492	Changed field label is not saved permanently in Web UI.
HPM-53444	Import performance is very slow in V10 as compared to V8.
HPM-53431	Cannot insert the value NULL into column 'SupplierArticleCatalogID', table 'P360_T01_MASTER.dbo.ArticleSupplierRelation'; column does not allow nulls.
HPM-53371	The WebUI gives a blank Internal error when we try to search using a deleted index.
HPM-53370	The error in Elastic Search Export is not shown as an error and instead is shown as an info.
HPM-53205	Maintain attribute values independent of their preset values having an issue in WebUI.
HPM-53191	Read Only for Media Variants in not working.
HPM-53168	No error messages /note visible for user when a field is filled with an incorrect data type.
HPM-53163	Tab is moving for an unknown reason.
HPM-53085	Client freeze after switching to an Item perspective with grouping.
HPM-53043	Hitting the close button should save rich text.
HPM-53000	Setup SDK Version 10. HF1 with ECCnet plugins are not worked.
HPM-52987	Error: Cannot insert the value NULL into column 'SupplierArticleID', table 'PIM_MASTER.dbo.ArticleSupplierRelation'; column does not allow nulls. after clone old Item.
HPM-52974	It is possible to edit prices in the past without action right "Edit prices (in the past)".
HPM-52961	PEN-TEST-ISSUE: Outdated software (jquery) with known vulnerabilities on the web server.
HPM-52960	Check_GTINIsUniqueInHierarchy does not work as expected for different levels.
HPM-52959	PEN-TEST-ISSUE: Stored Cross Site Scripting.
HPM-52950	security: Integration of external images enables theft of single-sign-on tokens.
HPM-52852	The show all property in the structure group behaved differently for the older version.
HPM-52834	InitiatorModule inside CommandContext not the same like ExecutionModule.
HPM-52828	re-open - Error configuring a preview on a structure group.
HPM-52773	Asset sorting in web UI.
HPM-52730	Food AndBeverageBinder throws FieldFormDefinition warnings at server start if GDSN completely deactivated.

Reference Number	Description
HPM-52720	When entering Characteristics in the WebClient scrolls page up.
HPM-52709	[Log file analysis] com.vaadin.ui.UIDetachedException found 130 times in log.
HPM-52594	Prices visible in Web Client despite removed action rights.
HPM-52490	Error message when exporting from Web UI.
HPM-52265	Report Merge causing dead locks at DB.
HPM-52254	The lookup values with same name and different code behaves differently for even number and odd number entry.
HPM-52216	Field looks editable on Custom Tab even if its not.
HPM-52046	Data quality scheduling view takes a lot of time to load rules and toggles don't show up.
HPM-51906	Value change on popped up window is occasionally not reflected.
HPM-51874	Field on Characteristic can't be edited even if all required rights/permissions are set in web client.
HPM-51664	Issue with "Team task" component in dashboards.
HPM-51656	Warning symbol appearing near attribute value in PIM Web.
HPM-51638	SDK launches are outdated in version 10 HF1 (DB/SERVER/CLIENT/REPOSITORY) and doesn't work.
HPM-51315	Title of detail tab section does not escape the rule name properly.
HPM-51098	Custom field for Custom Lookup Value Lang Sub-Entity.
HPM-51037	Unable to remove & edit multi-selection field items in export preview.
HPM-50494	High Vulnerability: Brute-force attack possible.
HPM-49070	Need an improvement in the SDK Installation document.
HPM-48077	CoreException: java.lang.InterruptedExecution: IProgressMonitor has been canceled.
HPM-47518	In REST List API Read a transition field path is not returning multiple values.
HPM-46593	Low Vulnerability: No Account Lockout Policy.
HPM-45871	DQ Fails with SQL Error because of error in stored procedure S_RepArt_BySGNodes.
HPM-44886	Cannot scroll items in Flex UI table using arrow keys when having a preview template component.
HPM-44428	Every flex component updates the flex entity header component.
HPM-42525	Issue with Nutrient field where the enumeration is Proposal Enum and has a lookup associated with it.

## Supplier Portal Fixed Limitations

Reference Number	Description
HSP-3887	Security: Old JavaScript libraries: Old JavaScript frameworks jQuery and Prototype - Pen Test Finding.

## Media Manager Fixed Limitations

Reference Number	Description
HMM-8108	Please extend the Protocol to show when the LOCK is written and deleted.
HMM-8094	Security: Direct access to files in upload directory - Pen Test Findings.
HMM-8086	Security: PEN TEST - Disclosure of version and existing permissions.
HMM-8085	Error while installing Media Manager database.
HMM-8072	Security MAM: Missing Cookie-Attribute for JSESSIONID cookie -PEN Test Finding.
HMM-8071	Security MAM: Cross-Site Scripting - PEN Test Finding.
HMM-8049	Security: internal path information in error message.
HMM-8048	Security: path manipulation in form for uploads possible.
HMM-7909	Some assets are missing in inbox folder.