

Teamcenter 11.3

Product Master Management Release Bulletin

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Chapter 1: System requirements

Software requirements

The third-party software requirements for the hosts in the Product Master Management system are as follows:

- Teamcenter server host and Product Master Management server hosts
 - o One of the following operating systems:
 - IBM AIX
 - Microsoft Windows Server
 - Oracle Solaris
 - SUSE Linux Enterprise Server
 - o Java Runtime Environment (JRE)
- Database server host
 - o Oracle Database
- Teamcenter rich client hosts
 - o Microsoft Windows
 - o JRE
- Web application server hosts
 - o Oracle WebLogic
 - o JBoss

For current information about the software versions supported by Product Master Management for your platform, see the [Teamcenter Software Certification](#).

The Teamcenter Software Certification supersedes the software requirements listed in the Product Master Management technical documentation.

Oracle database requirements

The 11.3 release of Product Master Management supports Oracle 11g 11.2.0.4 and Oracle 12c 12.1.0.2 with patch 19509982.

Product Master Management requires specific patch versions of the Oracle database for each operating system:

- SUSE Linux (64-bit) - Patch 14275621: Database Patch Set Update Oracle 11g 1.2.0.4 with the latest patch and Oracle 12c 12.1.0.2 with patch 19509982

- IBM AIX - Patch 13343424: Database Patch Set Update Oracle 11g 11.2.0.4 with the latest patch and Oracle 12c 12.1.0.2 with patch 19509982
- Microsoft Windows (32-bit) - Patch 12914925: Oracle 11g 11.2.0.4 with the latest patch and Oracle 12c 12.1.0.2 with patch 19509982
- Microsoft Windows x64 (64-bit) - Patch 13038788: Oracle 11g 11.2.0.4 with the latest patch and Oracle 12c 12.1.0.2 with patch 19509982
- Oracle Solaris- Patch 13343244: CPUJAN2012 DATABASE Oracle 11g 11.2.0.4 with the latest patch and Oracle 12c 12.1.0.2 with patch 19509982

Product Master Management uses the Unicode UTF-8 character set to exchange data between servers that are configured for different locales. Hence, for the database instance for Product Master Management, you must set both the database character set and the national character to UTF-8.

Before importing any data into Product Master Management, you must convert it to UTF-8 format. All data from Product Master Management is exported in UTF-8 format.

Teamcenter Visualization requirements

Product Master Management uses Teamcenter Visualization for visualizing parts and products. Teamcenter Viewer 11.x is not supported with Teamcenter Product Master Manager 11.3.

License requirements

You must set the **SPLM_LICENSE_SERVER** environment variable to point to the license server that contains your Product Master Management licenses; this environment variable must include the host and port values of the server.

For more information about installing corporate licenses, see *Teamcenter UNIX and Linux Server Installation* or *Windows Server Installation*.

Product Master Management uses a named user licensing system. You purchase the number of **Author** and **Consumer** licenses necessary to support the maximum number of concurrent users who will log on to the system. These named user licenses are not compatible or interchangeable with the named user licenses that are installed on the Teamcenter system.

When the administrator creates a new Product Master Management user, the system checks the total number of active users and compares this value with the maximum number of **Author** and **Consumer** licenses available. If the maximum number of licenses is reached, new users can no longer be created, and the system displays an error message indicating that more licenses must be obtained or some existing user accounts must be deactivated. The administrator can optionally configure a warning message to be displayed when a specified number of licenses is still available; by default, this message appears when only 20 licenses are available.

Chapter 2: What's new in Product Master Management 11.3

Create multiple records for procurement and aftersales

Two new features are provided in Product Master Management 11.3 to improve the usability and efficiency while authoring new procurement and aftersales records. You can select the LOUs from the LOU search results and then create multiple records for LOUs.

- You can create multiple procurement records for LOUs, parts, solutions, and solution group usages using the **Create Multiple Procurement Records** feature.
- You can also create multiple aftersales records for LOUs and parts using the **Create Multiple After Sales Records** feature.

Create LOUs and associate solutions with LOUs in CAD-BOM Alignment

In Product Master Management 11.3, you can now create LOUs in CAD-BOM Alignment and associate the solutions with the LOUs. Using the **Create Usage Solution SGU** view, you can:

- Create LOUs.
- Create solutions.
- Create **Solution Group Usage** and associate LOUs and solutions.

Export search results with subobjects to Microsoft Excel

In Product Master Management 11.3, you can use the **Export to Excel with Related Objects** feature to export the related subobjects along with the main objects from Product Master Management to Microsoft Excel. This feature is available for PMM objects and subobjects only.

Perform part breakdown solves

In Product Master Management 11.3, you can now perform a solve and a breakdown in a single action. The solve and breakdown action displays LOUs, solutions, LOAs, and LOFs eligible for a given criteria in a tree form. The following breakdown solves are supported:

- *Part breakdown BOM solve*: Generates a product master with the part breakdown against CAD definitions for a specific engineering date or point.
- *Part breakdown plant solve*: Generates a product master with the part breakdown for a specified plant.

- *Part breakdown market solve*: Generates a product master with the part breakdown for a specified market.

Chapter 3: Product release notes

Server and database issues

This section contains release notes pertaining to the installation, administration, and configuration of the servers and database in Product Master Management.

- **The Product Master Management server crashes when a multiedit operation is attempted on large datasets**

When a multiedit operation is performed on large datasets, the Product Master Management server crashes.

How to Work Around or Avoid

As the scale of the data increases, the memory usage increases, affecting system performance. Therefore, reduce the size of the dataset and perform the multiedit operation.

- **System responds slowly**

Users may sometimes observe that the system is responding slowly.

How to Work Around or Avoid

To resolve such problems, the site administrator should perform either of the following:

- o Contact the database administrator for a detailed analysis and resolution of the problem.
- o Run the **Compute_Histograms.sql** script to enable the Oracle cost-based optimizer and gather the statistics of data distribution for each table. These statistics enable the cost-based optimizer to create the optimal execution plan for database requests. This script is supplied with Product Master Management. It should be run periodically, after any upgrade, and after a significant number of updates such as carryover operations.
- o Ensure that the logs are written either to a local disk or a storage device and not to NFS drive locations on other systems.

- **Unable to encrypt the TcBOM string error message**

The following error message is displayed while installing Product Master Management:

```
General Exception
Description
Unable to encrypt TcBOM string
```

How to Work Around or Avoid

Ensure that the Oracle Instant Client is installed. Add it in the path to the **tcencrypt** executable as follows, in a command window:

1. Change to the path of the Product Master Management server installation:

```
cd path-to-usage-server-installation\install
```

2. Set the path of the Oracle instant client:

```
path=path to Product Master Management server
installation\oracle_client\client;%path%
```

3. Enter the following:

```
tem.bat
```

Teamcenter Environment Manager (TEM) should resume the installation from the point at which it terminated.

- **Oracle error 11799331 (timeout error) causes a BOM solve to take a long time**

Oracle error 11799331 may cause a BOM solve to take a long time, resulting in a timeout error when using the Teamcenter rich client. The user may not get any results at the end of the solve.

How to Work Around or Avoid

1. Log on to the database as a system user.
2. Run the following SQL query to check the current value of the **`_gby_hash_aggregation_enabled`** parameter.

```
SQL>select value from v$parameter where name=
'_gby_hash_aggregation_enabled';
```

3. Run the following SQL command to set the **`_gby_hash_aggregation_enabled`** parameter:

```
SQL>alter system set "_gby_hash_aggregation_enabled"=false;
SQL>alter session set "_gby_hash_aggregation_enabled" = FALSE;
SQL>commit;
```

You may not see any result at the end of the above SQL command. To confirm that the SQL command executed correctly, run the following command:

```
SQL>select value from v$parameter where name=
'_gby_hash_aggregation_enabled';
```

VALUE

FALSE

4. **LOA searches may take longer with the Oracle 11.2.0.4 release**

The LOA search operation may take longer if the Oracle database version installed at your site is 11.2.0.4.

How to Work Around or Avoid

This issue is specific to Oracle 11.2.0.4 and cannot be fixed until Oracle releases a patch update.

Installation issues

- **Teamcenter Integration Framework is not available in the kit specific to the AIX platform**

Teamcenter Integration Framework is not available in the kit specific to the AIX platforms. However, you can install Teamcenter Integration Framework using the Linux or Solaris binaries since they are compatible with the AIX platforms.

How to Work Around or Avoid

1. Open the Teamcenter CD contents for either Linux or Solaris.
2. Navigate to the **/tc** directory.
3. Copy **TcIntegrationFramework.zip** to your local HPUX or AIX host.
4. To install Product Master Management, copy **TcIFPMMBundle.zip** from the **/tc** directory to your local host.
5. Extract the contents of the **TcIntegrationFramework.zip** and **TcIFPMMBundle.zip** files to the install location.
6. Open the file available at **TCIF_unzipped_location/tcif/container/bin/tcenv** and set the **JAVA_HOME** location to the location of a supported version of Java.

```
#!/bin/sh
export JAVA_HOME="<location of supported JAVA version>"
```

It is preferable to use **jdk.1.7.0_17** because Java 8 is not supported for Teamcenter Integration Framework.

7. Locate **ITCIF_unzipped_location/tcif/container/bin/trun** and run **trun** to start Teamcenter Integration Framework.

- **Set the SPLM_LICENSE_SERVER variable during installation**

If the user's **\$HOME/.profile** or **\$HOME/.login** files are not readable, these files are not updated. On some systems, if the user's home directory is located on a mount point, the Java virtual machine may not consider the file readable, depending on its mount characteristics. In these cases, these files are not updated.

How to Work Around or Avoid

Edit **\$HOME/.profile** and **\$HOME/.login** as applicable and set the **SPLM_LICENSE_SERVER** environment variable.

Customization issues

- **The condition to validate the value of a subobject attribute specified for a default part property is not being processed**

This condition is not processed while creating, updating, or deleting the subobject.

How to Work Around or Avoid

You must add the following entry to the **LessFinishTableNVList** name-value list present in the **perpetualaddon/conditions.xml** file:

```
<MetaNVListMember Name="PartMasterInfo::PartSpecification"
Value="LessFinishPartMasterVersionNVList" Action="Add"/>
```

Though the name-value list is currently non-customizable, you can modify the list.

- **Perform customization for owning corporate group check**

To configure the system to check for the owning corporate group, parts, LOUs, LOAs, LOFs and their procurement records by using business rules, perform customization for the following actions:

- o Create
- o Update
- o Package Commit
- o Package Commit Dry Run
- o Copy New Version
- o Continue

Refer to the **conditions.xml** file for the syntax to be used for the various actions that are supported in the system.

Sample customization for the **Copy New Version** action:

```
<MetaNVList MetaNVListName="BusinessConditionMap" Action="Modify">
<MetaNVListMember Name="LineOfAssemblyInfo::CopyNewVersion"
Value="LOA_CopyNewVersion_All_Maturity_CondList_DT" Action="Add"/>
</MetaNVList>
```

```
<ConditionList ConditionListName="LOA_CopyNewVersion_All_Maturity_CondList_1"
AndOrOr="A" Description="A list of conditions for LOA CopyNewVersion action."
Published="TRUE" Action="Add">
<Condition ConditionName="OwningCorpGroupForLOA" Action="Add"/>
</ConditionList>
```

Administration issues

- **An error occurs while performing a solution group usage procurement search**

If you are using Oracle 12.1.0.2 as the database for Product Master Management, an error occurs while performing a solution group usage (SGU) procurement search using a line of usage (LOU) or the part number.

How to Work Around or Avoid

1. Stop all Product Master Management servers.
2. Log on with SQL Plus to Oracle server as follows:

```
sqlplus system/<password>@//<oracle server machine>/
<oracle instance name>
```

3. Execute the following SQL command:

```
alter system set "_push_join_predicate" = false;
```

4. Execute the **COMMIT** statement to end the current transaction.
5. Log off SQL Plus and restart the Product Master Management servers.

- **Organizational unit-specific attributes on a lower part in WIP cannot be updated**

You can define security rules that restrict access to business items that belong to different Organizational Units (OUs) for users. You can also relax these rules under specific conditions. For example, a user may be granted access to a part that belongs to a different OU if the user creates an LOF that references the part.

Therefore, a user may be unable to update a part that belongs to a different OU if the user's LOF is included in a package for review or is in a state denoting that the LOF is publicly available.

How to Work Around or Avoid

Make the LOF editable before updating a part that belongs to a different OU.

- **Commit actions for a large number of lines do not proceed**

The administrator cannot limit the maximum number of LOU or LOA lines that can be committed in a single operation. If the number of lines exceeds the capacity of the server, it may crash.

By default, commit actions with more than 300 lines for interactive operations or 900 lines for noninteractive operations do not proceed. The user sees a message on the Product Master Manager that the selection exceeds the maximum permissible limit.

How to Work Around or Avoid

If your site has sufficient hardware capacity to process additional lines, the administrator can configure limits for each WIP action type separately, as follows:

1. In the server installation, locate the **conditions.xml** file.
2. To configure the limits for interactive actions, edit the **ClassAtem_Commit_Maximum_List_Interactive** tag. This tag contains values that

specify limits for lines having a WIP action (**Add**, **Cpy**, **Cre**, **Rmv**, and **Del**). For example, to specify a limit for the **Cpy** action, edit the following value:

```
<MetaNVListMember Name="Cpy" Value="300" />
<!--Carried-over or copied LOUs that are being committed to release
into public database.>
```

3. To configure the limits for noninteractive actions, edit the **ClassAltem_Commit_Maximum_List_NonInteractive** tag. This tag contains values that specify limits for lines having a WIP action (**Add**, **Cpy**, **Cre**, **Rmv**, and **Del**), as described in the previous step.
4. Run the **metadatarebuild** utility as described in *Installing and Upgrading Product Master Management* and restart the Product Master Management server.

Product partition issues

- **The error message displayed while releasing a package's contents to Public does not specify the exact cause of the error**

While performing the **Package Commit** action to release a line of usage (LOU) to Public, an error can occur if:

- o the LOU is inactive.
- o the partition to which the LOU belongs is not released.
- o the LOU expression does not fulfill the variant condition.

However, the error message displayed is generic and does not specify the cause of the error.

How to Work Around or Avoid

- o Ensure that the partition is released and realized for the product architecture model.
 - o Ensure that the partition is in the **Active** state.
 - o Ensure that the LOU expression fulfills the variant condition specified for the partition.
- **Updating a partition in the partition template does not reflect the updates in the product architecture model using that partition**

Consider that a partition template hierarchy with partition A is released. A product architecture mode (PAM) using partition A is also released. Now, perform the following:

 1. Update partition A in the partition template and add child partitions to it.
 2. Release partition A and its child partitions.
 3. Go to PAM and select partition A, right-click, and choose **Update Partition from Partition Template**.
 4. Select the revision rule and click **OK**.

After updating the partition from the partition template, the child partitions are retrieved in the PAM but the parent partition (partition A) continues to display the older revision and the revision flag. When you select the PAM and click **Refresh**, it is not refreshed either.

How to Work Around or Avoid

Select PAM and press F5. The parent partition displays the correct revision, and the revision flag is not displayed. However, the child partitions are collapsed.

- **Product Master Management sync warning message in the rich client**

The following warning message is displayed in the Teamcenter rich client during a Product Master Management sync:

```
The initial action was successful, but a subsequent task in the
workflow may have failed
```

How to Work Around or Avoid

Ignore the warning message if the action is completed successfully.

Engineering product master issues

- **The mass of a part is rounded off to the nearest value when displayed on the user interface**

The mass of a part is rounded off to the nearest value when displayed on the user interface. In some cases, the mass is displayed with trailing zeros. This is because, some of the default attribute values are stored as double data type. Due to a limitation of this data type, large precision values are either rounded off to the nearest value or appended with trailing zeros when displayed on the user interface. However, the values are correctly stored in the database. For example, if the value you enter is **6666666.7777**, the value is displayed as **6666666.7777000001**. However, the value saved in the database is **6666666.7777**.

- **A color rule can be released without associating a color expression to it**

How to Work Around or Avoid

You must create your own workflows and perform additional validations, as required.

- **Do not use the Assign button in the Save Color Rule As dialog box**

When you perform a **Save As** of an existing color rule, do not use the **Assign** button in the **ID** box.

How to Work Around or Avoid

Enter the value manually in the **ID** box.

- **Attribute compare and structure compare features are not supported for color product master**

Attribute compare and structure compare features are not supported for color BOM constructs.

- **A newly selected column is sent to the available columns list while trying to move the column to a higher position**

1. In a grid result, right-click a column and click **Choose Columns**.
2. In the **Choose Columns** dialog box, select a column from **Available Columns** and move it to **Selected Columns**.
3. In **Selected Columns**, select the newly added column along with a few other columns and click **Move up**.

The newly added column is moved back to **Available Columns**.

How to Work Around or Avoid

This issue occurs only for the first time when **Default Column Configuration** is set. Once the selected column is moved back to **Available Columns** and you add it again to **Selected Columns**, the column moves up to a higher position in the list correctly.

- **Wrong result is displayed on updating the expression in a usage authoring matrix**

In a usage authoring matrix (UAM), if you update the expression of a line of usage (LOU) for a split line, the matrix does not display the updated expression.

How to Work Around or Avoid

Although the UAM does not display the updated expression, the logical expression displayed in the matrix is correct.

- **An error is displayed while updating the engineering work order of WIP data**

While updating the engineering work order (EWO) of the WIP data, an error is displayed if you update the EWO of the line of usage (LOU), line of assembly (LOA), and line of fabrication (LOF) before updating the EWO of the part.

How to Work Around or Avoid

Update the EWO of the part before updating the EWO of the LOU, LOA, and LOF.

- **Specifying just the first name in the User extended find dialog box does not return results**

While adding a User Distribution Code to parts, on the User extended find dialog box, if the search criterion specified is only the user's first name, the search results are not returned. The person assigning the distribution code may not know the UserID but does know the user's first name and last name.

How to Work Around or Avoid

In the **conditions.xml** file, the **WildcardAttrListsForUser** metaVVlist contains a list of user attributes, any of which can be used for search. You can customize this list. For example, to search for a user based on just the first or the last name or both, add entries in the **WildcardAttrListsForUser** list as follows:

```
<MetaVVList MetaVVListName="WildcardAttrListsForUser"
  Description="....." Published="TRUE">
  <MetaVVListMember Value="UUser.User_" />
  <MetaVVListMember Value="UUser.UserTUID" />
  <MetaVVListMember Value="UUser.UserFirstName" />
```



```
<MetaVVListMember Value="UUser.UserLastName" />
</MetaVVList>
```

- **Changing the Edit style of a column changes the background color of a WIP/package line to white**

In the search results view, if there are WIP and package lines and you right-click the column headings, select **Edit style**, and select **OK** without changing any settings in the dialog box, the background color of that column is set to white.

How to Work Around or Avoid

To revert, right-click the column header, choose **Edit style**, and select **Clear**.

- **The attributes of a custom part type cannot be updated in the Search Results tab**

If you search for **All Parts** in the **PartType** list on the **Search Part** toolbar, you can update only the common attributes through the search results tab and the part number tab. If you double-click a part record of a part that belongs to a custom **Part Type**, the part number tab does not display any attributes specific to the **Part Type**. It displays only the attributes that are common to all parts.

How to Work Around or Avoid

To update attributes of a part that belongs to a custom **Part Type**, search for that **Part Type** using the **PartType** list in the **Search** tab. You can view and update the modifiable attributes from the **Search Results** tab.

- **The corporate group for items in WIP cannot be changed**

When you create an item in your WIP, Product Master Management does not allow you to change its corporate group.

How to Work Around or Avoid

Purge the newly created item and create it again with the correct corporate group.

- **Searches fail to find numeric values**

Searches in numeric fields may fail to find data, even though valid data is available.

How to Work Around or Avoid

Search criteria for data in numeric fields must be formatted exactly as displayed on the Product Master Manager user interface. This ensures that the search criteria match the format of the data as stored in the database. For example, when searching for the value **0.001**, you must enter the criteria as **.001**.

- **Refresh From PMM gives an error after the part is continued**

When a discontinued part is continued and you perform a **Refresh from PMM** operation on the recipe node of an existing BVR, the correct BVR is generated despite the `Invalid Tag NULL` error message.

How to Work Around or Avoid

Close the **MPP** perspective and reload the BVR structure.

- **Engineering solve does not report violations while using inputs from more than one branch**

While performing an **Engineering** solve, consider a scenario in which the input to the solve has more than one branch. After applying the configurator constraints, if only one branch is valid and all other branches are invalid, the system intelligently truncates the invalid branches. The solve then proceeds for one valid branch. In such cases, the system does not report any violation.

How to Work Around or Avoid

If you want the system to display errors for more than one input branch while it truncates the invalid branches, use the **Guided Configuration Mode** to define the engineering solve order.

Procurement coding issues

- **An error is displayed if a normal procurement work order is used for updating procurement records**

If you use a normal procurement work order (PWO or PWOCOD) for making independent updates to procurement records, an error is displayed in a few scenarios. Independent updates refer to the updates that result independently and not because of a change in the engineering data. Consider that there are two versions of an engineering part, and one procurement record is created for one version of the engineering part. You want to discontinue the procurement record. To discontinue, if you use a normal procurement work order, an error is displayed.

How to Work Around or Avoid

Use standalone procurement work orders for independent updates to procurement records.

- **Procurement search views do not have the EWO field in the Attributes section**

In procurement search views such as Search Part Procurement view, Search LOA Procurement view, Search LOU Procurement view, and Search LOF Procurement view, there is no EWO field in which an EWO value can be specified to search for procurement records.

How to Work Around or Avoid

Search for a PWO related to an EWO by specifying the EWO from the Product Master Manager Administration application, and run the PWO Where Used report for the obtained PWO to obtain the desired records.

Aftersales product master issues

- **An aftersales part cannot be derived by searching for all parts**

You can derive an aftersales part from an existing aftersales part in Public. However, if you perform the **Object Derive** action from the **Part Master Results** view, the **Derive a Part** dialog box does not list the part number type and corporate group information related to the aftersales part.

How to Work Around or Avoid

Search for aftersales parts and perform the **Object Derive** action from the **Aftersales Part Results** view.

- **An error is displayed if a normal aftersales work order is used for updating aftersales records**

If you use a normal aftersales work order (ASRWO or ASRCODWO) for making independent updates to aftersales records, an error is displayed in a few scenarios. Independent updates are the updates that result not because of a change in the engineering data. Consider that there are two versions of an engineering part, and one aftersales record is created for one version of the engineering part. You want to discontinue the aftersales record. To discontinue, if you use a normal aftersales work order, an error is displayed.

How to Work Around or Avoid

Use standalone aftersales work orders for independent updates to aftersales records.

CAD-BOM alignment issues

- **Certain arguments of the PMMBOMWRITER utility are not supported**

The following arguments of the **PMMBOMWRITER** utility are not supported:

Argument	Description
[-g=<group name>]	Specifies the group associated with [-u=<user id>] .
[-pmmscoitem=<pmmsco-item-name>]	Specifies the item ID of the Product Master Management structure context object (PMMSCO).
[-pmmscokey=<item-key>]	This argument is mutually exclusive of the -pmmsco_key and -bomsolvef arguments. Specifies the string used for identifying a PMMSCO. This argument is used instead of the [-item] and [-rev] arguments to specify the PMMSCO.
[-pmmscorev=<revision>]	Specifies the item revision for the PMMSCO.
[-pmmscotype=STATIC dynamic]	Specifies the PMMSCO type.

- **A CAD occurrence cannot be realigned to a line of assembly version**

A CAD occurrence can be shared across multiple versions of a line of assembly (LOA). If you unalign the CAD occurrence from an LOA version, you cannot realign the same CAD occurrence to the LOA. However, you can align a different CAD occurrence to that LOA.

How to Work Around or Avoid

1. Logically delete the LOA version to which you want to realign the CAD occurrence.
2. Select the previous version of the logically deleted LOA, right-click, and select **Copy Version**.
3. In the **Copy Version of Line Of Assembly** dialog box, enter the effective in date of the logically deleted LOA version in **Engineering Effective In Date** and enter the End Of Time (EOT) date in **Engineering Effective Out Date**.

- **A wrong result is displayed on updating the expression in a solution authoring matrix**

In a solution authoring matrix (SAM), if you update the solution expression on a split line, the matrix does not display the updated expression.

How to Work Around or Avoid

Although the SAM does not display the updated expression, the logical expression displayed in the matrix is correct.

- **Correct results are not shown for ACT breakdown or while refreshing the ACT lines in some cases**

Correct results are not shown for ACT breakdown or while refreshing the ACT lines in some cases.

How to Work Around or Avoid

Product Master Management data is cached for performance reasons. Due to this, you must perform the ACT breakdown again or refresh the ACT lines again to see the correct results.

- **Quantity update issue when you carry over an ACT structure**

1. Create an ACT structure (source structure) with no CAD alignment.
2. Carry over the source ACT structure to a target structure.
3. After the carryover, update the quantity in WIP, and then commit the LOAs.
4. In CAD-BOM Alignment, perform the ACT breakdown of the target ACT structure.

The updated quantity is not reflected in the target ACT structure. After you unpack the structure, it shows the incorrect occurrence quantity. In addition, if the source ACT structure is aligned with the CAD structure, the updated quantity on the target ACT structure is reflected in the **Quantity** column but not in the **Assembly Component Tree Line** column display value. Moreover, in this case, you cannot unpack the structure.

How to Work Around or Avoid

None

- **Changes made to a CAD occurrence in Layout are not propagated to the main installation assembly**

1. Perform **Spatial Search** after selecting **Add to Layout**.
The spatial search results show the layout and the background CAD occurrences.
2. Select the top item in the layout and click **Open in NX**.
3. In NX, move any part and click **Save**.
4. In CAD-BOM Alignment, select the top item in the layout and choose **Tools** → **Accountability Check** → **Accountability Check**.
5. Select the top item in the CAD installation assembly as target and click **OK**.
The **Accountability Check Results** view displays the differences between the source and the target.

6. Select the target line and right-click to choose **Propagate**.
No error message is displayed.

7. Select the CAD installation assembly and click **Open in NX**.

The changes made to the CAD occurrence in the layout are not propagated to the main installation assembly.

How to Work Around or Avoid

Perform the accountability check and propagate the CAD occurrence from the layout to the main installation assembly from Multi-Structure Manager or Manufacturing Process Planner.

The procedure is as follows:

1. In CAD-BOM Alignment, select the top item in the layout and send to Multi-Structure Manager or Manufacturing Process Planner.
2. Select the main top item in the installation assembly and send to Multi-Structure Manager or Manufacturing Process Planner.
3. Select the top item in the layout and choose **Tools** → **Accountability Check** → **Accountability Check/Advance Accountability Check**.
4. In the **Accountability Check** window, select the top item in the CAD installation assembly and click **OK**.

The **Accountability Check Results** view displays the differences between the source and the target.

5. Select the target line and right-click to choose **Propagate**.
6. Select the CAD installation assembly and click **Open in NX**.

- **LOU carryover fails if the configurator data is not released**

LOU carryover fails if the configurator data is not released.

How to Work Around or Avoid

Release the configurator data along with all allocations and availability. You can carryover only released data.

- **A specific ACL is required for imported configurator data**

1. Create a specific access control list (ACL) in Product Configurator.
2. Add **PMMUSRA1** user with read/write access to the configurator context.
3. Add the same user to the **ebom.xml** file in Product Master Management.
4. Import the product configurator data.
5. Log on to Product Master Manager.
6. Set **EWO=EWO_0001** and **Scope** in the user context.

7. Create parts and a Usage Authoring Matrix (UAM).
8. Add the model family, models, option family, and option values in the UAM.
9. Click **Update Matrix**.
10. Create a LOU in the UAM.
11. Assign an expression on the LOU.
12. Click **Update Content**.

The user is not able to assign an expression on the LOU.

How to Work Around or Avoid

Create a new ACL for the Product Configurator context revision and add the **PMMUSRA1** user with read/write access.

Clearance database issues

- **A redundant pop up is displayed while using the `analyze_managed_product.pl` script**

A CAD designer or CAD reviewer can manually perform an engineering solve to analyze the clearance between parts or assemblies. This is known as interactive clearance analysis. This clearance analysis process can be automated. The clearance database administrator sets up a batch clearance process, which is executed automatically at the specified time. This batch process logs the clearance results in the clearance database.

While performing an automated batch clearance process, you can run the **`analyze_managed_product.pl`** script to start the **`pmmbomwriter`** utility.

While running the **`analyze_managed_product.pl`** script, if you specify the wrong solve criteria for the **`pmmbomwriter`** utility, a redundant pop up is displayed. This pop up says: `Teamcenter has stopped working. A problem caused the program to stop working correctly. Please close the program.`

How to Work Around or Avoid

This is a redundant pop up. You can click **Close this program** to proceed with the automated batch clearance process. Since you specified a wrong solve criteria, the **`pmmbomwriter`** utility final output says `"Failed."`

Localization issues

This section contains release notes pertaining to issues that occur after localizing the Product Master Manager, Product Master Manager Administration, and CAD-BOM Alignment applications.

- **A UTF-8 encoded file cannot be created by using the Byte Order Mark alone**

You cannot create a UTF-8 encoded file by using the Byte Order Mark alone.

Localized UTF-8 encoded metadata XML files can be validated using

`http://<host>:<port>/metadatarebuild?validatexml`

The **metadatarebuild?validatexml** option does not work if you write a UTF-8-encoded file using just the Byte Order Mark.

How to Work Around or Avoid

Create a UTF-8 encoded file without the Byte Order Mark or with the Byte Order Mark and an XML Header (`<?xml version="1.0" encoding="utf-8" ?>`).

Chapter 4: Resolved problems in Product Master Management 11.3

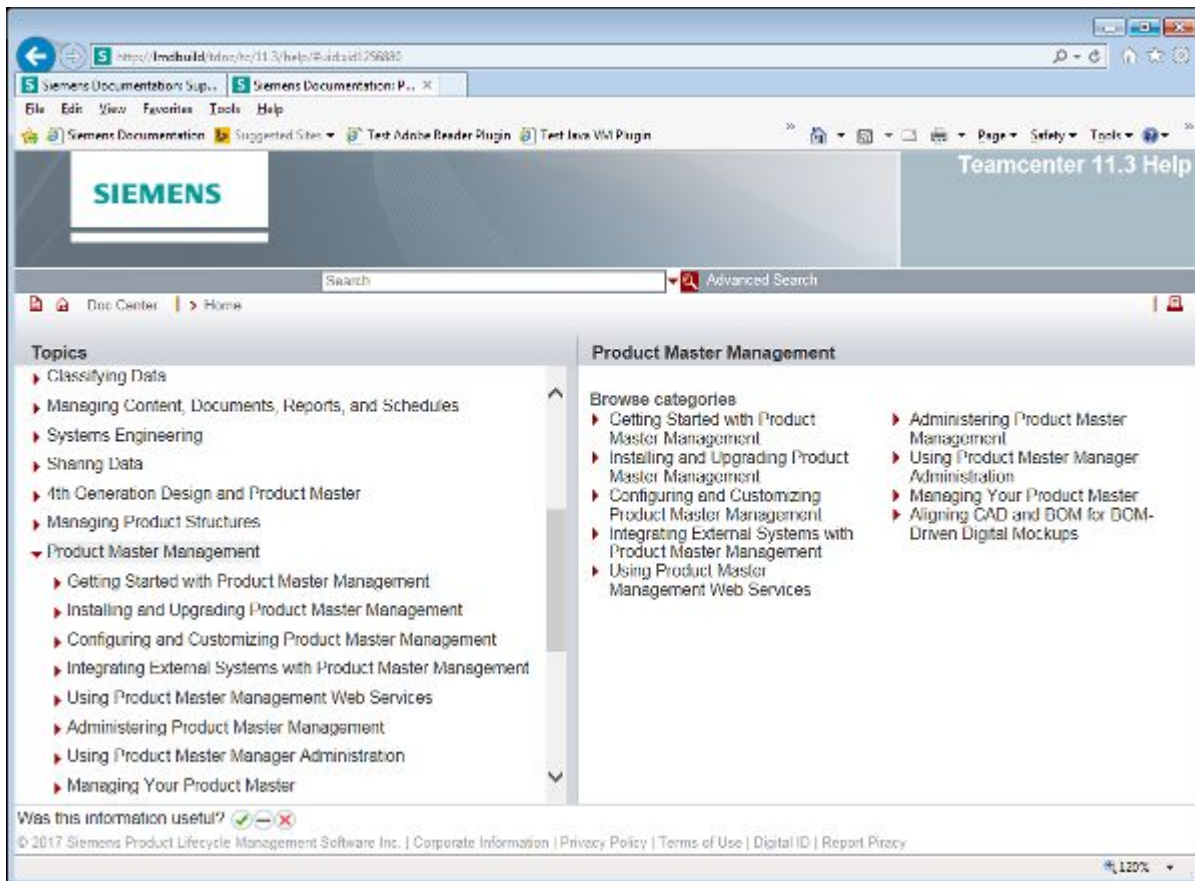
The following issues have been resolved since the 11.3 version of Product Master Management was released.

Problem report number	Short description
7532416	The Type field of the Details view displays the item revision icon and the Relation field displays the value as -1 for an item with a dataset in My Teamcenter.
7662542	The Variant Configuration view title is displayed in English irrespective of the locale.
7530116	The accountability check to compare the updated layout with the original installation assembly does not display the differences between the source and target CAD occurrence.
7654674	Revision rule does not work in the BOM View of CAD-BOM Alignment.
7936326	Users do not receive a warning for conflicting rules with severity such as Information , Warning , or Error for configurator data with inclusion and exclusion rules.
6736301	A blank error message is displayed on session timeout.
6978745	Clearing check boxes while visualizing an assembly component tree responds incorrectly.
7867066	Variant Configuration view does not have the same revision rule and effectivity setting while performing an Engineering solve.

For details about the resolution of these issues, refer to the TAC database.

Chapter 5: Accessing Product Master Management documentation

The documentation for Product Master Management is available in the Teamcenter help library.



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