

# HP Project and Portfolio Management Center

Software Version: 9.22.0001

## Release Notes

Document Release Date: April 2014

Software Release Date: April 2014



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## Overview

This document is an overview of the changes made to Project and Portfolio Management Center (PPM Center) for version 9.22.0001. It contains important information that is not included in the manuals.

You can find information about the following in this document:

["What's New in This Release" on the next page](#)

["Installation Notes" on page 7](#)

["Enhancements" on page 8](#)

["Certifications" on page 11](#)

["Fixes" on page 12](#)

["Documentation Errata" on page 17](#)

## Protecting Your Deployment from Security Vulnerabilities

Make sure you take the necessary precautions to protect your PPM Center deployment from general security vulnerabilities, especially those related to Web server and related infrastructure vulnerabilities. Patch and configure your Web server's operating system and DNS servers to prevent malicious attacks that could put your organization and data at risk. You can take such steps as disabling unused ports or enabling SSL in your environment. Consult your Web server vendor for the latest patches to prevent harmful attacks such as cross-site scripting.

## What's New in This Release

This section describes what is new in this release.

PPM Center version 9.22.0001 contains defect fixes since version 9.22. Defect fixes included in patches 9.14.0001~9.14.0010 on top of version 9.14 are rolled into version 9.22.0001.

The following enhancements are included in PPM Center version 9.22.0001:

Module	Enhancements
Dashboard	<p>Add a new checkbox to disable the display of Total data in customized clustered or bar chart.</p> <p>For details, see <a href="#">"New Checkbox on the Define Preference Step of the Create Portlet Definition page"</a> on page 8</p>
Admin Tools	<p>The kSupport tool is enhanced by adding constraints check to the default selected <b>DBChangeCheck</b> module.</p> <p>For details, see <a href="#">"Enhanced kSupport: Added Constraints Check to SuperSupport"</a> on page 9</p>
Platform	<p>Offer a solution to ensure that PPM Center sends a single email notification to all recipients in the same group.</p> <p>For details, see <a href="#">"Configuring A Single Email Notification for Multiple Recipients with Different Locales"</a> on page 9.</p>

The following server configuration parameters are introduced in PPM Center version 9.22.0001:

Parameter Name	Description, Usage	Default and Valid Values
SEARCH_ALL_REQUEST_TYPE	Adding this parameter to the <code>server.conf</code> file manually and setting its value to <code>true</code> , you can find all request types listed in the Request Type auto-complete list on the Search Request page. However, you are not able to view the requests that you have no access to.	Default: <code>true</code> Valid values: <code>true</code> , <code>false</code>
MAX_REQUEST_OF_AUDIT_EVENT_QUERY	This parameter specifies the maximum number of audit event query results	Default: <code>1000</code>

USE_SERVER_LOCALE_FOR_NOTIFICATIONS	This parameter flags whether or not to check notification recipient regional settings. Setting the parameter value to true ignores users' regional settings, and uses the values of server configuration parameters SERVER_LOCALE_COUNTRY_CODE and SERVER_LOCALE_LANGUAGE_CODE instead. This ensures that recipients are not split into different groups according to their regional settings.	Default: false Valid values: true, false
-------------------------------------	--	---

The following certifications are included in PPM Center version 9.22.0001:

- Microsoft Office Project Standard 2013 (both 32- and 64-bit)  
Microsoft Office Project Professional 2013 (both 32- and 64-bit)  
(single-user or connected to Microsoft Office Project Server 2013)
- Certification resigned for the HP Deployment Management Extension for Oracle E-Business Suite

# Installation Notes

This procedure includes steps that are valid for PPM Center version 9.22.0001.

**Caution:** PPM Center version 9.22 is required before you can apply version 9.22.0001 on top of it.

To install version 9.22.0001:

1. Back up your database.
2. Stop the PPM Server. The patch cannot be installed on an active server.
3. Copy the patch file `ppm-922-patch0001.jar` to the `<PPM_Home>` directory. This is the directory where the PPM Server is installed.
4. Change to the `<PPM_Home>/bin` directory.
5. Start the installation using the following command:  

```
sh ./kDeploy.sh -i patch0001
```
6. Follow the on-screen instructions to complete the patch installation.
7. Start the PPM Server.

**Note:** HP recommends that you back up your customized files including scripts before applying 9.22.0001.

**Caution:** If you intend to upgrade PPM Center from patches on top of version 9.14 to version 9.2x, read the note below:

Defect fixes included in patches (up until 9.14.0004) on top of version 9.14 are rolled into version 9.20. Version 9.21 contains defect fixes included in patches 9.14.0001 through 9.14.0006. Version 9.22 contains defect fixes included in patches 9.14.0001 through 9.14.0009. Applying version 9.22.0001 contains defect fixes included in patches 9.14.0001 through 9.14.0010.

Therefore, if PPM Center is running at patch 9.14.0010 on top of version 9.14, do not upgrade to version 9.22 yet, otherwise you may encounter some regression regarding the defect fixes in 9.14.0010. Instead, upgrade from patch 9.14.0010 to version 9.22 temporarily without running PPM Center, and then upgrade immediately to version 9.22.0001.

# Enhancements

## Enhancements in Version 9.22.0001

The following enhancements are included in version 9.22.0001:

- ["New Checkbox on the Define Preference Step of the Create Portlet Definition page"](#) below
- ["Enhanced kSupport: Added Constraints Check to SuperSupport"](#) on the next page
- ["Configuring A Single Email Notification for Multiple Recipients with Different Locales"](#) on the next page

### New Checkbox on the Define Preference Step of the Create Portlet Definition page

In previous version, you would find the Total data displayed in the lower-right corner of the customized portlets if these portlets belong to one of the following four portlet types:

- Bar Chart
- Stacked Bar Chart
- Clustered Bar Chart
- Pie Chart

In version 9.22.0001, PPM Center introduced a new checkbox for these four portlet types on the Define Preference Step of the Create Portlet Definition page. With this checkbox available, you can decide whether or not the Total data should be displayed.

#### Create Portlet Definition (Bar Chart)

1. Choose Portlet Type ▶ 2. Enter Portlet Information ▶ 3. Set up Display Options ▶ 4. Define Preferences  
5. Configure Portlet Communication ▶ 6. Configure Access ▶ 7. Add User Help

Preference Form Layout

Click and drag to select and move fields

Drag outside box to cancel movement

Edit

Show Preferences summary on this portlet (user can choose to hide it)

Require user to edit preferences before viewing portlet for the first time

Show Total

Cancel Back Next Preview Finish



If you select this checkbox when creating portlet definition, the Total data will be displayed in the customized portlets. If you deselect this checkbox, the Total data will not be displayed. By default, this checkbox is not selected.

## Enhanced kSupport: Added Constraints Check to SuperSupport

The kSupport tool is enhanced by adding constraints check to the default selected **DBChangeCheck** module.

When you run the kSupport tool or generate super support information from PPM Center, the **DBChangeCheck** module now also compares user's database constraints against the baseline data.

The constraint comparison report can be found in the *<kSupport\_Zip\_File>/etc/DBChangeCheck/DBChangeReport.html* file. The report lists the following:

- Missing primary keys, foreign keys, and unique constraints
- Custom primary keys, foreign keys, and unique constraints

A new baseline file for constraints in the *<PPM\_HOME>\bin\support\baseline\data\database* directory, and the file name follows the following format: *<PPM\_version\_number>\_Constraints.xml*.

## Configuring A Single Email Notification for Multiple Recipients with Different Locales

When sending email notifications of a workflow step or request field change, PPM Center behaves as follows:

- For recipients who are PPM Center users and have already logged on to PPM Center at least once, PPM Center groups them together according to their user locales (user locale includes regional settings and display language).
- For recipients who are not PPM Center users and who have PPM Center user accounts but have never logged on to PPM Center, PPM Center groups them together.

As a result, recipients in different groups receive different notification emails. This is because only PPM Center users who have already logged on to PPM Center at least once have locales.

To resolve this issue, do the following:

1. Group all PPM Center users and non-PPM Center users together by defining a default locale for all non-PPM Center users and those PPM Center users who have never logged on to PPM Center.

To do so,

- Add the `SERVER_LOCALE_COUNTRY_CODE` server configuration parameter into the `server.conf` file manually and set a value for it. The default value is `null`. Valid values are any two-letter abbreviation of a country in uppercase.

For example, if you want to set the default regional settings to United States, set the `SERVER_LOCALE_COUNTRY_CODE` server configuration parameter to `US`.

- Add the `SERVER_LOCALE_LANGUAGE_CODE` server configuration parameter into the `server.conf` file manually and set a value for it. The default value is `null`. Valid values are any two-letter abbreviation of a language in lowercase.

For example, if you want to set the default regional settings to United States, set the `SERVER_LOCALE_COUNTRY_CODE` server configuration parameter to `US`.

This ensures that PPM Center groups all PPM Center users and non-PPM Center users together when sending notifications.

However, users with different locales are still able to receive email notifications in their own languages.

If you want to send a single email notification to all recipients in the same group, instead of sending multiple email notifications in batches, proceed to the next step.

2. Set the `USE_SERVER_LOCALE_FOR_NOTIFICATIONS` server configuration parameter value to `true`. This ensures that PPM Center sends a single email notification to all recipients in the same group.

The `USE_SERVER_LOCALE_FOR_NOTIFICATIONS` parameter flags whether or not to check notification recipient regional settings. Setting the parameter value to `true` ignores users' regional settings, and uses the values of server configuration parameters `SERVER_LOCALE_COUNTRY_CODE` and `SERVER_LOCALE_LANGUAGE_CODE` instead. This ensures that recipients are not split into different groups according to their regional settings.

## Certifications

The following certifications are included in PPM Center version 9.22.0001:

- Microsoft Office Project Standard 2013 (both 32- and 64-bit)

Microsoft Office Project Professional 2013 (both 32- and 64-bit)  
(single-user or connected to Microsoft Office Project Server 2013)

- Certification resigned for the HP Deployment Management Extension for Oracle E-Business Suite

## Fixes

### Fixes in Version 9.22.0001

#### Accelerators

Tracking Number	Problem Description
4642033487	An error appears when you try to apply PPM Center version 9.14.0002. (QCCR1L54018, QCCR1L48685)

#### Admin Tools

Tracking Number	Problem Description
4647129048	<p>Constraints check should be added to SuperSupport. (QCCR1L53984, QCCR1L53979)</p> <p>To address this issue, the kSupport tool is enhanced by adding constraints check to the default selected <b>DBCChangeCheck</b> module. For details, see <a href="#">"Enhanced kSupport: Added Constraints Check to SuperSupport"</a> on page 9.</p>

#### Costing

Tracking Number	Problem Description
4645615303	Benefit lines can be added without filling in mandatory fields on the Add Benefits page. (QCCR1L52614)
4645863628	Creating snapshots for project financial summaries slows down after upgrading PPM Center from version 8.04 to version 9.21. (QCCR1L53092)
4646756394	Unable to edit the validation FINANCIAL BENEFIT AVOIDANCE CATEGORY List. (QCCR1L53982, QCCR1L53980)

#### Dashboard

Tracking Number	Problem Description
4646648884	The Export to Excel functionality fails when Request List portlet displays the column "Expected Start Period". (QCCR1L53759)

## Documentation

Tracking Number	Problem Description
NA	The summary of QCCR1L52233 in 9.22 Release Notes is not consistent with the actual fixed issue. (QCCR1L53993)

## HP Demand Management

Tracking Number	Problem Description
4646913890	No summary pops up for multi-select fields to indicate the values you have selected. (QCCR1L53566)
4644794440	Errors appear when you try to modify request types. (QCCR1L53603)
4644794440	No proper error message is shown when package is invoked from PPM Workbench. (QCCR1L53604)
4646530830	<p>You can control a request type user access by a User Defined Token and open the requests of the request type. However, you are not able to search request type on the Search Requests page. (QCCR1L53605)</p> <p>This issue is addressed by introducing the server configuration parameter <code>SEARCH_ALL_REQUEST_TYPE</code>. Setting this parameter to <code>true</code>, you can find all request types listed in the Request Type auto-complete list on the Search Request page. However, you are not able to view the requests that you have no access to.</p>
4639164795	An error appears when you migrate request types. (QCCR1L53617)
4646816697	For the request types Project Details and PFM-Project, you are unable to select multiple values for the Project Manager field because you cannot set the option Multi-Select Enabled for the field to <code>yes</code> . (QCCR1L53899, QCCR1L51645)
4646646276	Information in the Request Summary Bar Chart portlet is not displayed alphabetically. (QCCR1L53994, QCCR1L53675)
4647693286	There is no <b>Show All</b> option for a field that uses a table component validation. (QCCR1L54368)

## HP Deployment Management

Tracking Number	Problem Description
4646931836	Timeout issues with SQL Script objects. (QCCR1L54038, QCCR1L54037)
4646931836	SSH patch is causing noisy logs. (QCCR1L54057)

## Platform

Tracking Number	Problem Description
NA	PPM server log is created in the <PPM_HOME>\server\<server name> directory instead of the <PPM_HOME>\server\<server name>\log after you upgrade PPM Center to version 9.20. (QCCR1L51900)
4646683930 4646707564	OracleApps and other JAR files need to be re-certified. (QCCR1L53549)
4646739407	The query itg_container is shown in the AWR report as an expensive query. (QCCR1L53584)
4646423969	Saved preference sets are displayed differently when you navigate to it through different menus. (QCCR1L53883, QCCR1L53133)
NA	Performance issue when custom reports are submitted concurrently in large quantities. (QCCR1L53894, QCCR1L53206)
4645290737	App and Service nodes fail to start up due to OutOfMemory error. (QCCR1L53898, QCCR1L53391)  This issue is fixed by introducing the server configuration parameter MAX_REQUEST_OF_AUDIT_EVENT_QUERY. This parameter specifies the maximum number of audit event query results. The default value is 1000.
4647328221	Incorrect login logo in the Customizing the Standard Interface guide. (QCCR1L53981)
4646297015	JGroup reaper thread is not enabled by default. (QCCR1L54024, QCCR1L54023)
4646581414	Cost Rate Rule Service and Cost Rollup Service stop running. (QCCR1L54050)
4644315828	Performance issue when loading the Project Overview page. (QCCR1L54238, QCCR1L53413)

## HP Program Management

Tracking Number	Problem Description
4645659208	The health indicator image is not shown on the View Portfolio page when you use Apache web server. (QCCR1L53891, QCCR1L52601)

## HP Project Management

Tracking Number	Problem Description
4646720318	Project Details page does not always load successfully for the first time, with an error message appearing in the lower left corner of the page. (QCCR1L53975, QCCR1L53652)
4644915089	Project PV Update service triggers a SQL which passes thousands of project IDs and causes DB performance issue. (QCCR1L53986, QCCR1L52990)
NA	The Project Health is not in sync with the Overall Health. (QCCR1L54269)

## HP Portfolio Management

Tracking Number	Problem Description
4647490694	Th Program tab cannot be opened in portfolio when the programs contained in the portfolio have any numeric user data. (QCCR1L54028)

## HP Resource Management

Tracking Number	Problem Description
4644836201	Resource Request portlet filters out records where the values of Total Unmet Hours are less than zero. (QCCR1L53621)
NA	There are blank line in the staffing profile table when you click <b>View Actuals</b> in the Staffing Profile page. (QCCR1L53996)
4647099868	The report Run PPM Organization Unit Interface does not work when you select multiple product licenses. (QCCR1L54355, QCCR1L54352)

## HP Time Management

Tracking Number	Problem Description
4647730301	Error appears when you import time sheet data using PPM time sheet data loader (kTMDataConversion.sh). (QCCR1L54345, QCCR1L54342)
4647599184	The User Data tab is not displayed in time sheet line details when you use German as the session language. (QCCR1L54469, QCCR1L54131)



## Documentation Errata

The following documentation items are incorrect:

### ***HP Demand Management***

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#### **No description about the removal of the "All" option from table component paging display**

**Location:** *HP Demand Management User's Guide*, version 9.20

**Error:** The "All" option was removed from the Show <n> Each Page drop-down list for table component in version 9.20 by design. However, there is no description about the removal of the "All" option.

**Correction:** Add the following content to the document under the *Request Detail Page, New Table Component* section in Chapter 3:

#### **Quick Navigation through Table Rows**

You can choose to show a certain number of entries in the table component.

To do so, specify an available option for the **Show *M* Each Page** field at the lower right corner.

**Note:** Before PPM Center version 9.20, when there are more than 5 entries in the table component, the **Show: *M* of *N* Entries** field appears to the right of the table component menu icons, where *M* is the number of entries currently displayed, *N* is the total number of entries in the table. Version 9.20 renamed the field to **Show *M* Each Page**, and also removed the **All** option for *M* by design.

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## ***Release Notes***

#### **Incorrect problem description of QCCR1L52233**

**Location:** *Release Notes*, version 9.22

**Error:** The description of QCCR1L52233 does not properly reflect the actual fixed issue.

**Correction:** Correct the problem description of QCCR1L52233 as follows:

You are able to edit the status of a staffing profile even when it is canceled.

---

## Customizing the Standard Interface


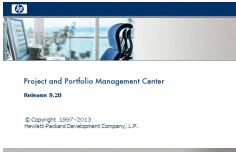



### Login images in the document not updated

**Location:** *Customizing the Standard Interface*, version 9.20, page 17

**Error:** The login page has been modified in version 9.20, however, the related login images in the document are not updated.

**Correction:** Update Table 2-1 in Chapter 2 of this document as follows:

**Table 2-1. Corporate logo files used in the PPM Center standard interface**

Image	File Location	Size (in pixels)
<b>Stored on the PPM Server File System</b>		
	<ul style="list-style-type: none"> <li>&lt;PPM_Home&gt;/server/&lt;PPM_Server_Name&gt;/deploy/itg.war/web/knta/global/images/favicon-whiteonred.ico</li> </ul>	16 x 16
	<ul style="list-style-type: none"> <li>&lt;PPM_Home&gt;/server/&lt;PPM_Server_Name&gt;&gt;/deploy/itg.war/html/MercurySplash.gif</li> </ul>	450 x 301
	<ul style="list-style-type: none"> <li>&lt;PPM_Home&gt;/server/&lt;PPM_Server_Name&gt;&gt;/deploy/itg.war/images/common/CorporateBrand.png</li> </ul>	480 x 40
	<ul style="list-style-type: none"> <li>&lt;PPM_Home&gt;/server/&lt;PPM_Server_Name&gt;&gt;/deploy/itg.war/web/new/img/HP_Blue_64x64.png</li> </ul>	64 x 64
	<ul style="list-style-type: none"> <li>&lt;PPM_Home&gt;/server/&lt;PPM_Server_Name&gt;&gt;/deploy/itg.war/web/new/img/ppm_logo.png</li> </ul>	400 x 400

## ***Installation and Administration Guide***

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### **The MULTICAST\_NIC\_IP parameter was not documented**

**Location:** *Installation and Administration Guide*, version 9.20

**Error:** The MULTICAST\_NIC\_IP server configuration parameter was introduced in PPM Center version 9.14, but it was not added to the *Installation and Administration Guide* for PPM Center version 9.20. (QCCR1L54488)

**Correction:** Add the following description to the document:

<b>Parameter Name</b>	<b>Description, Usage</b>	<b>Default and Valid Values</b>
MULTICAST_NIC_IP	If the MULTICAST_NIC_IP parameter is specified in the server .conf file, the JGroup and MULTICAST Channel multicast sockets will bind to the NIC that you specified by using the MULTICAST_NIC_IP parameter. The value of the MULTICAST_NIC_IP parameter can be a host name or an IP address.	Valid value: A host name or an IP address

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### **Having “Server Tools: Execute admin tools” Access Grant alone does not provide access to the Application Exception Details Page**

**Location:** *Installation and Administration Guide*, version 9.20, page 281 of the original edition, or page 261 of the third edition

**Error:** The note on the page says "To access the Search Exceptions page, you must have an Administrator license and the “Server Tools: Execute admin tools” access grant". However, this does not provide access to the Application Exception Details page. (QCCR1L54688)

**Correction:** The "Sys Admin: Edit Services Schedules" access grant is also required. The document shall be updated as follows:

**Note:** To access the Search Exceptions page, you must have an Administrator license and the following access grants:

- Server Tools: Execute admin tools
  - Sys Admin: Edit Services Schedules
-

## HP Solution Integrations Guide

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### Additional information needed for configuring the integration between PPM Center and Service Manager RFCs when a Process Designer (PD) patch is deployed on top of Service Manager instance

**Location:** *HP Solution Integrations Guide*, version 9.20, page 335

**Error:** Additional information needed for configuring the integration between PPM Center and Service Manager RFCs when a Process Designer (PD) patch is deployed on top of Service Manager instance

**Correction:** Add the following information to the document:

- In step 6, add the following note:

**Note:** If PPM Center is integrated with Service Manager with a PD patch, you shall also import the following unl file into Service Manager:

- HPSMPPMIntegration.unl

If you already deployed the 9.22.0001 patch, the unl file is also present in the <PPM\_Home>\conf\smrxfc directory. Otherwise go to [KM00786444](#) to download the unl file.

- In step 8, add the following note immediately after the first note:

**Note:** For Service Manager with a PD patch deployed, you only need to modify the **cm.close** and **change.update.save** processes.

Then, add the following note in step g:

**Note:** For Service Manager with a PD patch, repeat step c through step f for the **change.update.save** process only.

For more details about configuring the integration, see the second edition of the *HP Solution Integrations Guide* ([PDF](#) on the SSO site) for PPM Center version 9.20.

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# We appreciate your feedback!

If you have comments about this document, you can [contact the documentation team](#) by email. If an email client is configured on this system, click the link above and an email window opens with the following information in the subject line:

**Feedback on Release Notes (Project and Portfolio Management Center 9.22)**

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to [HPSW-BTO-PPM-SHIE@hp.com](mailto:HPSW-BTO-PPM-SHIE@hp.com).