

HP Project and Portfolio Management Center

Software Version: 9.32

Release Notes

Document Release Date: October 2015
Software Release Date: October 2015



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Chapter 1: Overview

This document is an overview of the changes made to Project and Portfolio Management Center (PPM Center) for version 9.32. It contains important information that is not included in the manuals. You can find information about the following in this document:

- ["Installation Notes" on page 6](#)
- ["New Features in PPM Center 9.32" on page 11](#)
- ["Enhancements, Certifications, and Fixes in PPM Center 9.32" on page 12](#)
- ["Known Problems and Limitations in PPM Center 9.32" on page 56](#)
- ["Documentation Errata" on page 59](#)

Software and Hardware Requirements

For information about the installation requirements and compatibility with other products, see the *System Requirements and Compatibility Matrix* for PPM Center version 9.32. The support matrix may be updated between releases, and so is only available at the HP Support web site:

<https://softwaresupport.hp.com>

Protecting Your Deployment from Security Vulnerabilities

Make sure you take 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 DNX 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.

Chapter 2: Installation Notes

Note: The zip package of PPM Center version 9.32 contains two files:

- ppm-932-SP2.jar, the installation jar file for PPM Center version 9.32. The installation instructions are provided in ["Installing PPM Center 9.32" below](#).
- ppm-932-LP-multi-lang.jar, language packs installation jar file for PPM Center version 9.32. Required only when you want to install a language pack.

Instructions for installing language packs are provided in the Release Notes for Language Pack for PPM Center 9.32, available at the HP Manuals site.

Installing PPM Center 9.32

Note:

- PPM Center 9.30 or later is required before you upgrade PPM Center to 9.32.
- HP recommends you back up your customized files including scripts before applying PPM Center version 9.32.

To install PPM Center version 9.32:

1. Back up your database.
2. Back up your customized data.
3. Stop the PPM Server. The Service Pack cannot be installed on an active server.
4. Copy the Service Pack file ppm-932-SP2.jar to the `<PPM_Home>` directory. This is the directory where the PPM Server is installed.
5. Change to the `<PPM_Home>/bin` directory.
6. Start the installation using the following command:

```
sh ./kDeploy.sh -i SP2
```

7. Follow the on-screen instructions to complete the installation.
8. Restore your customized data (if any).
9. Start the PPM Server.

Out-of-Sync Actuals Data

The following sections describe what to do if the pre-validation process during installation determines that data is not synchronized between the HP Time Management and HP Project Management modules or between the HP Time Management and HP Demand Management modules.

Data Out of Sync Between HP Time Management and HP Demand Management

If, during the installation of PPM Center 9.32, the pre-validation process determines that actuals data in the HP Time Management and HP Demand Management modules are out of sync, an error occurs and you cannot continue with the installation.

To resolve the problem:

1. Navigate to the `<PPM_Home>/deploy/932/SP2/phases/prevalidation` directory and run the `CorrectDMTMActualsOutOfSync.sql` script.
2. After the `CorrectDMTMActualsOutOfSync.sql` script has run successfully, re-install PPM Center 9.32.

Data Out of Sync Between HP Time Management and HP Project Management

If, during the installation of PPM Center 9.32, the pre-validation process determines that actuals data in the HP Time Management and HP Project Management modules are out of sync, an error occurs and you cannot continue with the installation.

To resolve the problem:

1. To tag these data for synchronization, navigate to the `<PPM_Home>/deploy/932/SP2/phases/prevalidation` directory and run the `MarkPMTMActualsOutOfSync.sql` script.
2. Re-deploy PPM Center 9.32.
3. After you successfully install PPM Center 9.32, navigate to the `<PPM_Home>/bin` directory and run the `kPMTMSync.sh` script, as follows, and redirect the output to a file:

```
sh ./kPMTMSync.sh -username<username> -password <password>
```

Supported Upgrades

Note: HP strongly recommends upgrading to the latest version of PPM Center. In general, each new PPM Center version includes important product improvements that are not provided in earlier versions.

Table 1-1 Supported upgrades for current PPM Center versions

Current PPM Center Version	Can be upgraded to			
	8.0x	9.1x	9.2x	9.3x
7.5 SP3 or earlier ¹	8.00 or later	9.10 or later	9.20~9.22	9.30~9.32
7.5 SP4, 7.5 SP5, 7.5 SP6 ¹	8.02 or later	9.10 or later	9.20~9.22	9.30~9.32
7.5 SP7 ¹	8.03 or later	9.12 or later	9.20~9.22	9.30~9.32
8.00 ²	8.00.01 or later	9.10 or later	9.20~9.22	9.30~9.32
8.00.01 ²	8.02 or later	9.10 or later	9.20~9.22	9.30~9.32
8.02 ²	8.03 or later	9.10 or later	9.20~9.22	9.30~9.32
8.03 ² (build 1189 and build 1208)	8.04	9.12 or later	9.20~9.22	9.30~9.32
8.04	—	9.14 (build 1460)	9.20~9.22	9.30~9.32
9.10	—	9.11 or later	9.20~9.22	9.30~9.32
9.11	—	9.12 or later	9.20~9.22	9.30~9.32
9.12	—	9.13 or later	9.20~9.22	9.30~9.32

Table 1-1 Supported upgrades for current PPM Center versions, continued

Current PPM Center Version	Can be upgraded to			
	8.0x	9.1x	9.2x	9.3x
9.13	—	9.14 (build 1460)	9.20~9.22	9.30~9.32
9.14 (build 1435 or build 1460)	—	—	9.20~9.22	9.30~9.32
9.14.0001~9.14.0004 ³	—	—	9.20~9.22	9.30~9.32
9.14.0005~9.14.0006 ³	—	—	9.21, 9.22	9.30~9.32
9.14.0007~9.14.0009 ³	—	—	9.22	9.30~9.32
9.20	—	—	9.21, 9.22	9.30~9.32
9.21	—	—	9.22	9.30~9.32
9.22	—	—	—	9.30~9.32
9.22.0001~9.22.0005 ⁴	—	—	—	9.30~9.32
9.30	—	—	—	9.31, 9.32
9.30.0001	—	—	—	9.31, 9.32
9.31	—	—	—	9.32
9.31.0001	—	—	—	9.32
9.31.0002	—	—	—	9.32

1. If you are upgrading from a version prior to version 8.00, incremental upgrades are necessary (for example: version 7.5 to 8.00, followed by 8.00 to 9.10, 9.10 to 9.20, 9.20 to 9.30, and finally 9.30 to 9.31).

2. If you are upgrading from version 8.0x to 9.1x, you must initially upgrade to version 9.10 before upgrading to version 9.1x.

For example, PPM Center versions 9.10 and 9.11 were released before versions 8.03 and 9.12. Versions 8.03 and 9.12 include improvements to core functionalities that are not supported on the older versions 9.10 and 9.11.

If PPM Center is running at version 8.03, do not upgrade to and then run at version 9.10, 9.11, or 9.12. Instead, upgrade from version 8.03 to version 9.10 temporarily without running PPM Center, and then upgrade **immediately** to version 9.12 or later.

3. 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 9.14.0001~9.14.0006. Version 9.22 contains defect fixes included in patches 9.14.0001~9.14.0009. Version 9.22.0001 contains defect fixes included in patches 9.14.0001 through 9.14.0010.

If PPM Center is running at patch 9.14.0005 (or later, up until 9.14.0009), do not upgrade to and then run at version 9.20 or 9.21. Instead, upgrade from patch 9.14.0005 (or later, up until 9.14.0009) to version 9.20 temporarily without running

Table 1-1 Supported upgrades for current PPM Center versions, continued

Current PPM Center Version	Can be upgraded to			
	8.0x	9.1x	9.2x	9.3x
	<p>PPM Center, and then upgrade immediately to version 9.22.</p> <p>If PPM Center is running at patch 9.14.0010 or later patch 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 or the latest patch.</p> <p>4. Defect fixes included in patches (up until 9.22.0004) on top of version 9.22 are rolled into version 9.31. Version 9.32 contains defect fixes included in 9.22.0001~9.22.0006.</p> <p>If you are on PPM Center patch 9.22.0005 (or later), do not upgrade to PPM Center version 9.30 or 9.31 yet, otherwise, you may encounter some regressions regarding the defect fixes included in 9.22.0005. Instead, upgrade from patch 9.22.0005 (or later) to version 9.30 temporarily without running PPM Center, and then upgrade immediately to version 9.32.</p>			

PPM Community on HPLN

The HP Project and Portfolio Management Center Community on HP Live Network

(<http://www.hp.com/go/livenetwork>) is now live! The PPM Community on HPLN

(http://www.hp.com/go/PPM_HPLN) is a virtual community for HP Experts, Partners and Customers to collaborate and share knowledge, best practices, and add-on content for the PPM product. You can log in to the PPM Community on HPLN to access the latest Content Packs.

Access to HP Live Network is available at no additional cost to all PPM customers. Customers must log in using an HP Passport account. Customers without Passport accounts can register for free on HP Live Network.

Chapter 3: New Features in PPM Center 9.32

The following new features are included in PPM Center version 9.32:

- ["PPM Mobile Website Client" below](#)

PPM Mobile Website Client

PPM Mobile Website Client enables you to access PPM Center by typing mobile URL on your iPhone or Android smart phones and then manage requests and time sheets on the smart phones. It removes the dependency of HP Anywhere.

Note: The client just provides some basic features of PPM requests and time sheets. To use the full features of requests and time sheets, go to the PPM Center Web page.

The client includes the following four items:

- **PPM Request:** enables you to view and approve requests from smart phones.
- **TM Approval:** enables you to view and approve time sheets from smart phones.
- **TM Submission:** enables you to create, edit, and submit time sheets from smart phones.
- **PPM Dashboard:** links you to the Web page of PPM Dashboard.

Note: The PPM Dashboard page is actually the standard interface of PPM Dashboard page, not a mobilized version of PPM Dashboard.

For more information about this client, see the *Mobile Website Client User's Guide* or PPM Help Center.

Chapter 4: Enhancements, Certifications, and Fixes in PPM Center 9.32

- ["Enhancements" below](#)
- ["Certifications" on page 30](#)
- ["Fixes" on page 31](#)

Enhancements

The following enhancements are included in version 9.32.

Module	Enhancements
HP Resource Management	<ul style="list-style-type: none"> • "Enhanced Resource Management Optimization" on the next page • "Renamed Staffing Profile Views" on page 19 • "Access Grant for Resource Pool Manager to Edit Position Status and Allocations" on page 19 • "Access Grant for Resource Pool Manager to Reject Resource Request" on page 19
HP Time Management	<ul style="list-style-type: none"> • "Option to Select All Time Sheet Lines" on page 20 • "Pressing Tab in Time Sheet to Go to the Next Item" on page 20 • "Removing the Vertical Scroll Bar in Time Sheet Table" on page 21
HP Project Management	<ul style="list-style-type: none"> • "Hiding Cost Tab and Staffing Tab in Project Overview Page" on page 22 • "Easier Way out of Work Plan and Staffing Profile" on page 23
Costing	<ul style="list-style-type: none"> • "Specifying Default Expense Type for Positions" on page 21 • "Enhanced Treatment of Over-allocation in the Calculation of Forecast Labor Cost" on page 26 • "Using Region of Resource Pool when Calculating Forecast Labor Cost from

	"Staffing Profile" on page 23
Platform	"CAC Access Control" on page 24
Admin Tools	"Generating Java Dumps" on page 26
Integrations	"Enhancements to Microsoft Project Plug-In" on page 27

Enhanced Resource Management Optimization

PPM Center 9.30 introduced the Resource Management Optimization feature (RMO for short) in the **Gantt** view of the Resource Allocation Management page. With this feature available, you can get resource recommendations for the positions where you want to assign resources. In PPM Center 9.32, this feature is enhanced in the following aspects to better meet your needs.

- The staffing profile table in the RMO page adds the Status column.
- The staffing profile table in the RMO page adds the Gantt chart for the positions and the resources to be assigned.
- You can preview assignments before applying them. See ["Previewing Assignments" on the next page](#).
- You can specify criteria settings for RMO:

- ["Specifying Matching Criteria for RMO" on the next page](#)
- ["Specifying Weights of Criteria for RMO" on page 16](#)
- You can save scenarios (criteria settings) for RMO. See ["Saving Scenarios for RMO" on page 17](#).

For complete usage of RMO, see PPM Help Center.

Previewing Assignments

Previewing assignments allows you to review which resources will be assigned to your selected positions before you confirm the assignment. To do so,

1. Select the positions to be assigned resources.

Note: The parameters `RMO_MAX_POSITION_AMOUNT` and `RMO_MAX_PERIOD_AMOUNT` decides the number and duration of the positions you selected. It is recommended that the positions you select do not exceed 50.

For detailed information of these parameters, see PPM Help Center.

2. Click the Resource Management Optimization icon to open the RMO page.

The Resource Management Optimization page displays the resources that meet the default settings of matching criteria and weights of criteria. For information about the default criteria settings, see the following sections.

3. Specify matching criteria. See ["Specifying Matching Criteria for RMO" on the next page](#).
4. Specify weights of the criteria. See ["Specifying Weights of Criteria for RMO" on page 16](#).
5. Click **Preview**.

The resources that meet the criteria settings are displayed in the left pane of the page.

6. (Optionally) Click **Confirm the Assignment** to assign the recommended resources.

Note: Clicking **Confirm the Assignment** assigns all the recommended resources.

Specifying Matching Criteria for RMO

If you specify the matching criteria for RMO, PPM picks up the resources that meet the criteria for your selected positions.

The screenshot displays the 'Resource Management Optimization' interface. On the left, a 'Demand Fulfillment Ratio' gauge shows 100%. Below it, a table lists 'Staffing Profile' (PJ0810_0118) and 'Position' (Manager) with associated users (test14 user14, test5 user5). A 'Recommended Resources' section shows a count of 2. The 'Matching Criteria' panel on the right includes:

- 'Role matching is a must?' with radio buttons for 'Yes' (selected) and 'No'.
- 'Resource type matching is a must?' with radio buttons for 'Yes' (selected) and 'No'.
- 'Availability Score >=' with a slider set to 34%.
- 'Weights of Criteria' pie chart showing: Role Score (34%), Resource Type Score (33%), and Availability Score (33%).
- 'Saved Scenarios' table with columns: Criterion, Name, Demand Fulfillment Ratio, Recommended Resources.
- 'Confirm the Assignment' and 'Cancel' buttons at the bottom.

- **Role matching is a must?**

If you select **Yes** for this criterion, PPM recommends the resources whose roles match the positions roles.

If you select **No** for this criterion, the resources recommended by PPM does not necessarily have the same role as the positions.

By default, the value of this criterion is No.

- **Resource type matching is a must?**

If you select **Yes** for this criterion, PPM recommends the resources of the same resource types specified by the positions.

If you select **No** for this criterion, the resources recommended by PPM are not necessarily of the same resource types specified by the positions.

By default, the value of this criterion is No.

- **Availability Score >=**

Use the slide bar to decide the value of this criterion. PPM recommends resources whose availability scores are equal to or greater than the value you decided.

By default, the value of this criterion is 50%.

Note: The calculation of availability score in RMO is as follows:

$$\text{Availability Score} = \{[\text{RC}(1) / \text{PF}(1)] * 100 + [\text{RC}(2) / \text{PF}(2)] * 100 + \dots + [\text{RC}(n) / \text{PF}(n)] * 100\} / N$$

where:

RC = available resource capacity per day (in hours)

PF = position forecast demand per day (in hours)

N = number of days

Note: RMO keeps track of the criteria settings that you used to confirm the assignment. If you open RMO after you have confirmed the assignment at least once, the criteria settings will be what they are when you last confirm the assignment. If you have never confirmed the assignment, the default criteria settings will be as described above.

Specifying Weights of Criteria for RMO

The weight of a criterion indicates how important the criterion is in the algorithm to find the optimized resources. You can specify the weight of each matching criterion. Make sure the weights of these criteria add up to 100%.

The screenshot displays the 'Resource Management Optimization' interface. On the left, a 'Demand Fulfillment Ratio' gauge shows 100%. Below it, a table lists 'Staffing Profile' (PJ0810_0118) and 'Position' (Manager, test14 user14, test15 user5) across quarters from Q3 15 to Dec 15. A 'Recommended Resources' section shows a value of 2. The 'Matching Criteria' section includes radio buttons for 'Role matching is a must?' and 'Resource type matching is a must?', both set to 'Yes', and a slider for 'Availability Score >=' set to approximately 34%. A 'Weights of Criteria' pie chart is highlighted, showing three segments: Role Score (34%), Resource Type Score (33%), and Availability Score (33%). Below the pie chart are 'Preview' and 'Save Scenario' buttons. At the bottom, there is a 'Saved Scenarios' table with columns for 'Criterion Name' and 'Demand Fulfillment Ratio Recommended Resources', and 'Confirm the Assignment' and 'Cancel' buttons.

- **Role Score**

This is the weight of the criterion "Role matching is a must?". By default, the weight is 33%.

- **Resource Type Score**

This is the weight of the criterion "Resource type matching is a must?". By default, the weight is 33%.

- **Availability Score**

This is the weight of the criterion "Availability Score >=". By default, the weight is 34%.

The pie chart is updated accordingly after you adjust the weights of the criteria.

Saving Scenarios for RMO

Saving scenarios enables you to save different criteria settings for the comparison purpose. This helps you visualize resource recommendations in different scenarios and then better decide which criteria settings would be applied.

Follow the steps below to save a scenario.

1. Specify matching criteria. See "[Specifying Matching Criteria for RMO](#)" on page 15.
2. Specify weights of the criteria. See "[Specifying Weights of Criteria for RMO](#)" on the previous page.


3. Click **Preview**.
4. Click **Save Scenario**.
5. In the Save Scenario dialog, enter the scenario name, and then click **OK**.

The scenario (criteria settings) is listed in the Saved Scenarios table.

The screenshot displays the 'Resource Management Optimization' interface. On the left, a Gantt chart shows staffing profiles for two resources: PJ0819_0133 and PJ0811_0316, spanning from August 2015 to January 2016. A '100%' fulfillment indicator is shown. In the center, 'Recommended Resources' is set to 5. On the right, there are configuration options for 'Role matching is a must?' (Yes/No), 'Resource type matching is a must?' (Yes/No), and an 'Availability Score' slider set to 50%. Below these is a 'Weights of Criteria' pie chart showing 34% for Role Score, 33% for Resource Type Score, and 33% for Availability Score. At the bottom right, a 'Saved Scenarios' table is visible, containing one entry: 'Y N 48 Scenario 1' with a 47% fulfillment ratio and 9 recommended resources. A 'Confirm the Assignment' button is highlighted at the bottom.

Column	Description
Criterion	A summary of the matching criteria, with Y standing for Yes , N for No , and number for the availability score. For example, Y N 40% means role matching is a must, resource type matching is not a must, and availability score should be equal to or greater than 40%.
Name	Name of the scenario
Demand Fulfillment Ratio	The ratio of the recommended effort to the demanded effort
Recommended Resources	The number of recommended resources

6. Repeat step 1 through step 4 to add other scenarios if needed.

You can save 3 scenarios at most. Clicking  deletes the scenario.

When you select a scenario, the staffing profile table, Matching Criteria, and Weights of Criteria sections are updated according to the scenario. Changing from one scenario to another allows you to compare the differences in resource assignment in different scenarios.

Access Grant for Resource Pool Manager to Edit Position Status and Allocations

In previous versions, a resource pool manager must have Edit All Staffing Profiles access grant to edit position status and allocation in the Staffing Profile New UI.

In version 9.32, a resource pool manager can edit position status and allocations in the Staffing Profile New UI as long as he/she has either Edit Staffing Profiles or Edit All Staffing Profiles access grant.

Note: If you assign a resource to a position, and the position still has unmet demand which is forwarded to other resource pools, you can not edit the allocation in the staffing profile page directly. You should go to the Resource Allocations Management page to modify the position's allocations.

Access Grant for Resource Pool Manager to Reject Resource Request

In previous versions, a resource pool manager must have the Edit Positions access grant to reject resource requests that are sent to his/her resource pool.

In version 9.32, a resource pool manager reject resource requests that are sent to his/her resource pool as long as he/she has either Edit Staffing Profiles or Edit All Staffing Profiles access grant.

Renamed Staffing Profile Views

To clear user confusion, the staffing profile views are renamed as follows in PPM 9.32:

- In the Staffing Profile page, the button "**Table View**" is renamed "**Legacy UI**", and the button "**Gantt View**" is renamed "**New UI**".

Clicking Legacy UI in the Staffing Profile page goes to the legacy staffing profile page, while clicking New UI in the Staffing Profile page goes to the new staffing profile page.

- In the Staffing Profile tab of project details page, the button "**Table View**" is renamed "**Legacy UI**" and moved to the top of the page.

In summary, each Staffing Profile page has New UI and Legacy UI, if the Legacy UI is enabled. And in the Staffing Profile New UI page, the position table in the Allocations section of the Staffing Profile page has Gantt view and Table view.

For detailed information, see *HP Resource Management User's Guide* or the PPM Help Center.

Option to Select All Time Sheet Lines

In version 9.32, a select-all check box is added in the column title line in time sheets. This check box enables you to select or deselect all the time sheet lines in time sheets.

The screenshot shows the 'Admin User - Time Sheet for 8/1/15 - 8/15/15 (Unsubmitted)' interface. At the top, there are buttons for 'Save', 'Save & Submit', and 'More'. Below this, the 'Resource' is 'Admin User', 'Time Period' is '8/1/15 to 8/15/15', and 'Time Sheet #' is '3'. The 'Description' is 'Admin User - 8/1/15 - 8/15/15' and 'Status' is 'Unsubmitted'. There are buttons for 'Add Items', 'Approvals/Transaction Details', and 'Time Sheet Policies'. The main section is 'Time Sheet Details (All times shown in hours)' with a 'Tab key goes to next: Item | Day' option. Below this are tabs for 'Time Breakdown' and 'Other Actuals'. A table follows with columns for 'Item', 'Activity', 'Expected Hours', and days from Sat 8/1 to Sat 8/8, plus a 'Total' column. A checkbox is circled in the 'Item' column header. The table contains one row for 'Misc -' with a value of 0.0 in the 'Expected Hours' column and 0.00 in each day's column. Below the table are 'Line Actions' (Line Details, Remove, Rework) and a 'Notes' section with an 'Add Notes' button.

Pressing Tab in Time Sheet to Go to the Next Item

In previous versions, if you edit a time sheet and press the Tab key, you go to the next column (the next day) instead of the next row (the next item), which is inconvenient for users who have to fill in time sheets every day.

Starting from 9.32, you can decide how pressing the Tab key behaves. If you click **Item** in the **Tab key goes to next:** option above the time sheet, pressing the Tab key goes to the next item. If you click **Day**, pressing the Tab key goes to the next day. By default, pressing the Tab key goes to the next day.

Note: This option is available only when the time sheet has at least one time sheet line.

Removing the Vertical Scroll Bar in Time Sheet Table

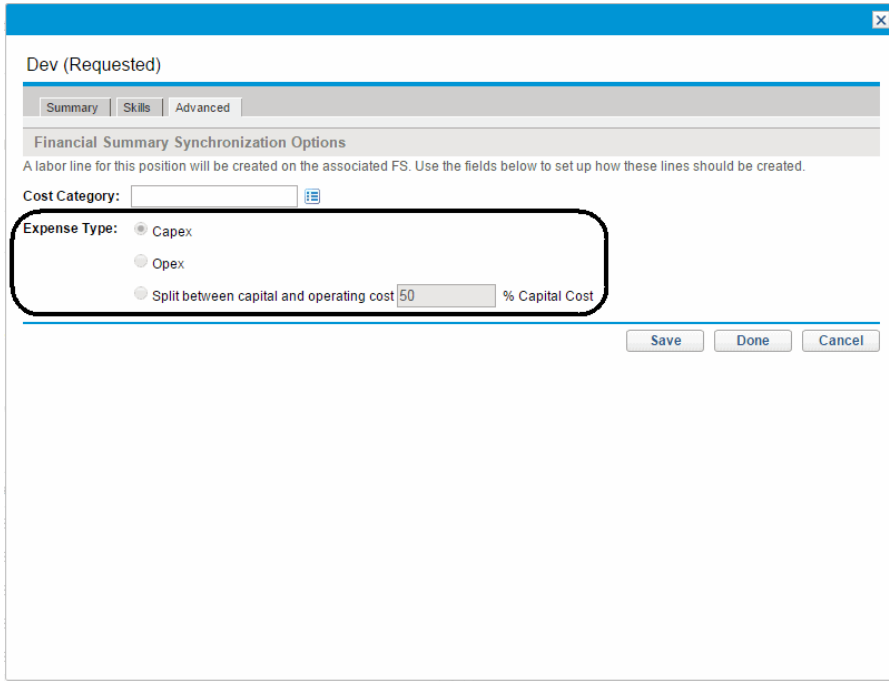
In previous versions, a vertical scroll bar appears in the time sheet table if it has more than 10 lines (when the vertical size exceeds 300 pixels).

Starting from 9.32, the vertical size of the time sheet table before the scroll bar appears is increased to 1,500 pixels. You can also configure the following parameter to decide the vertical size of the time sheet table before the vertical scroll bar appears.

Parameter Name	Description, Usage	Values
EDIT_TIMESHEET_TABLE_MAX_HEIGHT	<p>The vertical size (in pixels) of the time sheet table before the vertical scroll bar appears.</p> <p>For example, if you set it to 300, the vertical scroll bar appears when the vertical size of the time sheet table exceeds 300 pixels.</p>	<p>Default value: 1,500</p> <p>Valid values: positive integer</p>

Specifying Default Expense Type for Positions

In previous versions, the expense type is Capex by default in the **Advanced** tab of a position dialog box. You have to change the expense type every time you add a position if your organization uses the expense type other than Capex.



Starting from version 9.32, you can configure the parameter `DEFAULT_EXPENSE_TYPE_FOR_POSITIONS` in the `server.conf` file or Administration Console to decide the default value of the expense type.

Parameter Name	Description, Usage	Values
<code>DEFAULT_EXPENSE_TYPE_FOR_POSITIONS</code>	This parameter is used to store the default expense type for positions when costs are capitalized.	Default value: Capex Valid values: CAPEX, OPEX, and SPLITXX, with XX being the percentage going to CAPEX.

Note: If the Expense Type field is not editable (because SOP 98-1 is not enabled on the parent entity of the staffing profile), Capex is still the default value regardless of how the parameter is set.

Hiding Cost Tab and Staffing Tab in Project Overview Page

PPM 9.32 introduces the following two server configuration parameters for you to hide or display the Cost tab and the Staffing tab in the Project Overview page. You can set these parameters in `server.conf` file and Administration Console.

Parameter Name	Description, Usage	Values
----------------	--------------------	--------

HIDE_COST_TAB_ON_PROJECT_PAGE	This parameter is used to hide or display the Cost tab in the Project Overview page. Setting it to true, you hide the Cost tab. Otherwise, the tab is shown.	Default value: false Valid values: true, false
HIDE_STAFFING_TAB_ON_PROJECT_PAGE	This parameter is used to hide or display the Staffing tab in the Project Overview page. Setting it to true, you hide the Staffing tab. Otherwise, the tab is shown.	Default value: false Valid values: true, false

Easier Way out of Work Plan and Staffing Profile

PPM 9.32 implements the following two enhancements for you to leave work plan and staffing profile for other pages:

- When you are on the work plan Quick view page or the staffing profile New UI page, clicking the HP logo above the PPM main menu brings you back to the PPM Dashboard landing page.
- When you are on the work plan Quick view page, clicking **Back to Project** above the work plan brings you back to the Project Summary page.

Using Region of Resource Pool when Calculating Forecast Labor Cost from Staffing Profile

In previous versions, when PPM calculates forecast labor cost from a staffing profile position, the region used to pick up the cost rule is always the region of the staffing profile unless a resource is assigned to the position.

In PPM 9.32, you can use the following server configuration parameter to decide to use the region of the staffing profile or the region of the resource pool. You can configure this parameter in the server.conf file or the Administration Console.

Parameter Name	Description, Usage	Values
USE_REGION_OF_RESOURCE_POOL_FOR_POSITION_FORECAST_COST	If you set this parameter to true, PPM uses the region of the resource pool specified for the position to pick up cost rule when calculating its forecast labor cost.	Default value: false Valid values: true, false

	If you set this parameter to <code>false</code> , PPM uses the region of the staffing profile where the position belongs to pick up cost rule when calculating its forecast labor cost.	
--	---	--

If you change the parameter value, the new value will be used in the calculation of forecast labor cost the next time when Staffing Profile Financial Summary Sync service runs.

CAC Access Control

CAC access control prevents users without CAC (Common Access Card) from accessing PPM Center web interface. It applies to PPM single node environment only.

Note: CAC access control is not CAC authentication. Having CAC card inserted will not replace entering PPM log-in name and password.

This feature does not cover the following:

- PPM Center where HTTPs is not used
- PPM Center with a front-end web server or hardware load balancer
- PPM Workbench

To enable CAC access control, follow the instructions below:

1. Configure your PPM instance to use HTTPS for secure logon on the PPM Center logon page. For details, see the *Installation and Administration Guide*.
2. Create or download a root CA certificate.
3. Import the root CA certificate into PPM server truststore by running the following command:

```
Keytool.exe -import -keystore $JAVA_HOME/jre/lib/security/cacerts -file %CERT_LOCATION%\<cert_file> -alias <cert_alias>
```

where `%CERT_LOCATION%` is the location where the certificate is stored, `<cert_file>` is the certificate file, and `<cert_alias>` is the alias name you would like to assign to this certificate.

Note: Change the directory `$JAVA_HOME/jre/lib/security/cacerts` accordingly when you change the value of the parameter `HTTPS_TRUSTSTORE_FILE`. For more information of this

parameter, see step 5.

4. Make sure your client certificate is validated by the root certificate.
5. Set the following parameters in the `server.conf` file or the Administration Console.

Changes to the following parameters will take effect after you run `kUpdateHtml.sh` and restart PPM server.

Parameter Name	Description, Usage	Values
HTTPS_FORCE_CLIENT_AUTH	<p>If you set this parameter to <code>true</code>, the CAC access control is enabled, and users must have a valid certificate to access PPM web interface.</p> <p>If you set this parameter to <code>false</code>, the CAC access control is disabled. Users without a valid certificate can access PPM web interface.</p>	<p>Default value: <code>true</code></p> <p>Valid values: <code>true</code>, <code>false</code></p>
HTTPS_TRUSTSTORE_FILE	The location where the https truststore file is stored	Default value: <code><JAVA_HOME>/jre/lib/security/cacerts</code>
HTTPS_TRUSTSTORE_PASSWORD	Password to access the https truststore file.	<p>Default value: <code>changeit</code></p> <p>Valid values: any password you defined</p>
HTTPS_TRUSTSTORE_TYPE	Type of https truststore file	JKS

Note: Even though PPM supports controlling certificates when SSL is provided by Tomcat, the standard production environment is server cluster with SSL not provided by PPM's Tomcat server.

Enhanced Treatment of Over-allocation in the Calculation of Forecast Labor Cost

The forecast labor cost of a staffing profile equals to the total sum of forecast labor costs of all positions in this staffing profile. PPM calculates the forecast labor cost of a position as follows:

Forecast labor cost of a position = Sum of (Total assignments * Cost rate of the resource/position+ Unmet demand * Cost rate of the position)

If there is over-allocation on assignments, the unmet demand value becomes negative. In previous versions, PPM ignores the negative value in the calculation of forecast labor cost.

In version 9.32, you can decide whether or not negative unmet demand value should be ignored by using the following parameter in the `server.conf` file:

Parameter Name	Description, Usage	Value
IGNORE_NEGATIVE_UNMET_DEMAND	<p>If you set this parameter to <code>true</code>, PPM ignores negative unmet demand value in the calculation of forecast labor cost.</p> <p>If you set this parameter to <code>false</code>, PPM does not ignore negative unmet demand value (regards the negative unmet demand value as it is) in the calculation of forecast labor cost.</p>	<p>Default value: <code>true</code></p> <p>Valid values: <code>true</code>, <code>false</code></p>

Generating Java Dumps

PPM Center 9.32 provides the following two ways for you to generate Java dumps (heap dumps and thread dumps):

- Using the command `sh .\kGenJavaDump.sh`
 - a. Change to the `<PPM_Home>/bin` directory.
 - b. Run the command: `sh .\kGenJavaDump.sh`
- Using the Administration Console
 - a. Log on to PPM Center.
 - b. From the menu item, select `Open > Administration > Administration Console`.
 - c. Select `Support Task > Generate Java Dumps`.
 - d. Click `Generate`.

Note: Java dumps can be generated for started PPM server only.

The generated Java dumps are collected in the `<PPM_HOME>\bin\support\javadumps` folder:

- The heap dump files are in the following format: `<NODE_NAME>_<PID>_<TIMESTAMP>_heap.hprof`
- The thread dump files are in the following format: `<NODE_NAME>_<PID>_<TIMESTAMP>_thread.hprof`

Enhancements to Microsoft Project Plug-In

PPM Center 9.32 introduces the following enhancements to Microsoft Project plug-in.

- ["Specifying Task Type When Importing Tasks from PPM Center" on the next page](#)
- ["Specifying the Sequence of Actuals Fields When Importing Tasks from PPM Center" on the next page](#)
- ["Enabling Data Trace Logging" on page 29](#)

Note: Before you use these enhancements, you should download the updated Microsoft Project plug-in from PPM Center 9.32 by selecting **Open > Administration > Download Microsoft Project Plug-in** in the menu.

For details about downloading and installing Microsoft Project plug-in, see *HP Project Management User's Guide* for version 9.30.

Specifying Task Type When Importing Tasks from PPM Center

Starting from 9.31.0001, you can specify the task type for the tasks to be imported from PPM Center to Microsoft Project.

1. Open the project in Microsoft Project.
2. In the Add-Ins tab, select **HP PPM Center > User Preferences**.
3. In the Tasks Creation tab, Task type section, select the task type for the imported tasks.
4. (Optionally) Select the option **Override Default Task Type in MSP Project Options** if you want to change the default task type in MSP Project Options to what you select in step 3.

For example, if you check this option and select Fixed Work as the task type, the default task type in MSP Project Options will be changed to Fixed Work.

5. Click **Save**.

Specifying the Sequence of Actuals Fields When Importing Tasks from PPM Center

With the updated Microsoft Project plug-in, you can specify the sequence of actuals fields to be inserted in the Microsoft Project. To specify the sequence:

1. Open the project in the Microsoft Project.
2. In the Add-Ins tab, select **HP PPM Center > User Preferences**.
3. In the Tasks Creation tab, Actual fields section, specify the sequence of the actuals fields. The actual field on the top will be inserted first while the actual field on the bottom will be inserted last.

You cannot specify the sequence of actuals fields unless you select the option **Override PPM Project Settings....** If you select the option, it only applies to new tasks and is not applicable when you retrieve actuals from PPM. If you deselect the option, you have to follow the setting of **Transfer actuals information** in PPM project.

4. Click **Save**.

Enabling Data Trace Logging

You can enable logging for importing tasks from PPM Center. With this log available, you can see what and how (in which sequence) tasks information is imported.

1. Open the project in the Microsoft Project.
2. In the Add-Ins tab, select **HP PPM Center > User Preferences**.
3. In the Microsoft Project tab, select **Enable logging** and **Enable data trace logging**.

The **Enable data trace logging** option is disabled unless you select the **Enable logging** option. By default, the **Enable logging** option is not selected.

4. (Optionally) Select the directory in which the log files are saved.
5. Click **Save**.

After you import tasks from PPM Center, the log is recorded in the `msp.log` file located in the directory you specified.

Certifications

The following certifications are included in version 9.32:

- Support for Mozilla Firefox is extended to version 38.2.0 Extended Support Release (ESR). PPM Center 9.32 supports Firefox 24 to 38.2.0 ESR.
- OpenSSH version 6.9 is supported.

Fixes

The following fixes are included in PPM Center version 9.32. The CR column lists the parent CR numbers of the defects categorized by modules. If a defect has a child CR, the child CR number is listed in parenthesis at the end of the problem description.

Accelerators

CR	Problem Description	Solution
QCCR1L54322	When you are connected to the user node, you see multiple sets of links for the concurrent migration request logs, and will have lock message issue while executing the next package line.	<p>When you are connected to the user node, you see only one set of links for the concurrent migration request logs.</p> <p>A new column NULL_EXECONTEXT_NODE_NUMBER is added to the table KDLV_PENDING_PACKAGES. This column is used to store the number of nodes which do not contain exeContext object.</p>

Costing

CR	Problem Description	Solution
QCCR1L57135	The recalculation of projects and time sheets by the Cost Rate Rule Update service is blocked by the recalculation of staffing profiles. (QCCR1L57137)	<p>The recalculation of projects and time sheets by the Cost Rate Rule Update service is not blocked.</p> <p>The fix of this issue introduces the following two changes:</p> <ul style="list-style-type: none"> • The calculation steps of the Cost Rate Rule Update service is reordered as follows: <ul style="list-style-type: none"> ◦ Recalculate projects: it inserts a row into ITG_PENDING_ROLLUPS to trigger

CR	Problem Description	Solution
		<p>the Cost Rollup service.</p> <ul style="list-style-type: none"> ○ Recalculate time sheets. ○ Recalculate staffing profiles. <ul style="list-style-type: none"> • A new parameter <code>COST_RATE_RULE_UPDATE_SERVICE_COMMIT_BATCH_SIZE</code> is added in the <code>server.conf</code> file. You can use this parameter to specify the batch size of the Cost Rate Rule Update service. By default, the value of this parameter is 20.
QCCR1L57859	The Cost Rollup service fails with errors. (QCCR1L57861)	The Cost Rollup service runs successfully.
QCCR1L58058	Forecast costs are not synchronized to financial summary when you use the Gantt view of a staffing profile. (QCCR1L58165)	Forecast costs can now be synchronized to financial summary when you use the Gantt view of a staffing profile.
QCCR1L58536	Financial summary costs get multiplied when you deselect the option "The asset tracks capital non-labor costs" in financial summary setting. (QCCR1L58944)	Financial summary display correct costs when you deselect the option "The asset tracks capital non-labor costs".
QCCR1L58654	For some projects, the Cost Rollup service fails. It show the message "ERROR Contour calculation has problems, the contour is not in days." (QCCR1L58857)	The Cost Rollup service does not throw the error any more.

Dashboard

CR	Problem Description	Solution
QCCR1L56397	When you open the Analyze Resource Pools portlet or Analyze Assignment Load portlet, an error	The error does not appear when you open Analyze Resource Pools portlet or Analyze Assignment Load portlet.

CR	Problem Description	Solution
	appears in the server log. (QCCR1L57225)	
QCCR1L57048	When you sort custom portlets by columns containing duplicated values, the results are unpredictable. (QCCR1L57103)	<p>This issue is caused by a known limitation of Oracle row_number() function. If the data source SQL is in the format: <code>select A, B from table a where 1=1 order by C</code>, in which C is nullable or has non-unique values, custom portlets return unpredictable results when sorted by columns containing duplicated values.</p> <p>To work around this issue, you should add additional columns with unique values or rowid of the tables in the "from" clause to the "order by" clause. For example, <code>select A, B from table a where 1=1 order by C, D</code>, in which D could be a column with unique value or rowid.</p> <p>Note: You can add more than one columns to the "order by" clause when no column with unique value or rowid is applicable. For performance sake, it is recommended that you add columns with index.</p>
QCCR1L57263	An error occurs when you use apostrophes somewhere in the comments of a datasource, for the apostrophes are not taken as text but as special signs. (QCCR1L57688)	Apostrophes in the comments of a datasource no longer cause SQL errors.
QCCR1L57282	An error occurs if the auto-generated alias name exceeds 30 characters. (QCCR1L57284)	The error does not occur when the auto-generated alias name exceeds 30 characters.
QCCR1L57313	An error occurs if "FROM" is not followed by space when developing a datasource. (QCCR1L57684)	The missing space before/after the keyword "FROM" does not cause any errors.
QCCR1L57458	When exporting a portlet that	When defining a datasource, you should

CR	Problem Description	Solution
	<p>shows colors (like red, blue, Yellow and green) to Excel in PPM 9.30, the spreadsheet doesn't export the color codes correctly. It doesn't work if the field being exported has an HTML tag to display color.</p>	<p>add a new column as the img field. The value of the img field should follow the format:</p> <pre data-bbox="922 415 1367 510"><img src="http://<ppm_base_url>/itg/web/knta/drv/images/<color>.gif"/>.</pre> <p>When you export the dashboard to excel, the img field will be filled with the color specified by the field value.</p> <div data-bbox="922 667 1367 936" style="background-color: #f0f0f0; padding: 5px;"> <p>Note: PPM only supports the following colors: red, yellow, green, blue, and purple. And the related img values are Red.gif, Yellow.gif, Green.gif, Blue.gif, and Purple.gif.</p> </div>
QCCR1L58672	<p>When you export a portlet to Excel and the portlet name is in Japanese, PPM creates invalid Excel file name and extension name, which makes you unable to open the Excel file. (QCCR1L58812)</p>	<p>The Export to Excel functionality works fine when the portlet name is in Japanese.</p> <div data-bbox="922 1094 1367 1289" style="background-color: #f0f0f0; padding: 5px;"> <p>Note: If the portlet name includes space, the space will be transferred into "+" in the exported Excel file name.</p> </div>
QCCR1L52648	<p>The percentage values at the bottom of pie charts are often cut off.</p>	<p>PPM adds some extra space at the bottom of pie charts in order to display all percentage values.</p>
QCCR1L55962	<p>For custom list portlet using datasource, when the new option "Show Total Number of Records" is checked, the bottom bar of the portlet shows "Showing 1 to 5 of 0" instead of "Showing 1 to 5 of <total_row_number>". (QCCR1L57695)</p>	<p>When the new option "Show Total Number of Records" is checked in a customer list portlet, the bottom bar of the portlet shows "Showing 1 to 5 of <total_row_number>".</p>
QCCR1L57673	<p>When number type fields of a portlet are filled with non-number</p>	<p>The data in the exported Excel is the same as in the portlet.</p>

CR	Problem Description	Solution
	values, the fields display #NUM! when you export the portlet to Excel. (QCCR1L57801)	
QCCR1L57683	In some portlets, the numbers are rounded off to 2 decimals and are displayed as expected. However, when the same data is exported to Excel, the Excel data doesn't have rounded-off values, instead it has many decimals. (QCCR1L57723)	The data in the exported Excel is exactly the same as in the dashboard page.
QCCR1L57680	Customized list portlets with html format columns cannot be exported to Excel in the correct format. (QCCR1L57682)	<p>A new option Export to HTML Excel is available in the Edit Preferences page for build list portlet only.</p> <p>If you select this option, list portlets are exported to xls files (HTML pages). If you do not select this option, list portlets are exported toxlsx files (Microsoft Excel files).</p> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>Note: This fix also adds the EXPORT_TO_HTML_EXCEL column in the DSH_PORTLETS table.</p> </div>
QCCR1L58042	When you export a pivot table portlet with its name including "/" or "\" to Excel, a blank page returns. (QCCR1L58992)	<p>Pivot table portlet with the name including "/" or "\" can be exported to Excel successfully.</p> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>Note: In Firefox, the exported Excel file is named after the pivot portlet name. The characters "/", "\", ":", "*", and "?" in the portlet name will be replaced with underscore (_).</p> <p>In Internet Explorer, the exported Excel file has a fixed name, regardless of the portlet name.</p> </div>
QCCR1L58059	When you export the Request List portlet to Excel, the empty date field is displayed as #NUM! in the	If the date is empty in the portlet, it is displayed as empty in the exported Excel file.

CR	Problem Description	Solution
	Excel file. (QCCR1L58063)	
QCCR1L58178	Custom portlets throw StackOverflowError after installing PPM 9.31.000. (QCCR1L58254)	Custom portlets do not throw StackOverflowError.
QCCR1L58225	Exporting a dashboard page to Excel takes longer after you upgrade PPM to 9.22. (QCCR1L58251)	The performance issue with exporting a dashboard page to Excel is improved in PPM instances with only one language installed. In MLU environment, the performance issue still exists.
QCCR1L58615	When you export a request search or the Request List portlet to Excel, every field with empty value has a space in the exported Excel file. (QCCR1L58797)	There is no space for the field with empty value in Excel file.
QCCR1L58798	The column type "Summary Condition/Exception" with blue/purple color in the datasource is not shown correctly in portlets and exported Excel files. (QCCR1L58799)	PPM adds the support for blue and purple indicators in portlets.
QCCR1L58844	When a custom portlet containing more than 200 rows is exported to Excel, only the first 200 rows are exported. (QCCR1L58893)	When a custom portlet containing more than 200 rows is exported to Excel, all the rows are exported.
QCCR1L51127	Project List portlet should not be sorted alphabetically, but be sorted by date.	Project List portlet is be sorted by date.

Demand Management

CR	Problem Description	Solution
QCCR1L45150	When you use the Before Save rule in a request type, PPM sometimes produces an error "Failed to execute Rule #..." followed by a GUD identifier.	The error no longer appears when you use the Before Save rule in a request type

CR	Problem Description	Solution
	(QCCR1L56797)	
QCCR1L53102	After you select a drop-down value in Query Builder Search Terms window, the criterion in query builder returns as "<blank>".	Selecting a drop-down value in Query Builder Search Terms window returns correct criterion.
QCCR1L53412	You get errors in both the web interface and the data migrator when you try to update the existing records in APM. (QCCR1L53503)	The existing records in APM can now be updated without the errors.
QCCR1L55923	If you click the end button on Request List portlet to show the last page, the next page is shown instead. (QCCR1L57696)	If the "Show Total Number of Records" checkbox is selected, the end button will work as expected. If the "Show Total Number of Records" checkbox is not selected, the end button is disabled.
QCCR1L55922	In a French session language environment, the text at the bottom of the Request List portlet is still in English.	The text at the bottom of the Request List portlet is now displayed in the session language.
QCCR1L56524	There is an error when you save a long URL in the request references section.	In the same scenario, you will see a friendly message in the page: "Reference URL length exceeds 200 characters."
QCCR1L56995	When you sort the portlet by certain columns, it returns an SQL Error and the portlet gets stuck with the error until you log out and log in again. This causes the column sorting to be reset to its default. (QCCR1L57301)	Sorting portlets by certain columns now works fine.
QCCR1L57182	When you set the USE_LEGACY_REQUEST parameter to true, the UI under the Status tab is broken. (QCCR1L58779)	The UI is displayed correctly when USE_LEGACY_REQUEST is set to true.
QCCR1L57221	Requests are opened with GUID errors or cannot be opened at all when the parameter USE_LEGACY_REQUEST is applied to use the old request UI in PPM 9.22.0004. (QCCR1L57266)	You can now open requests without errors when setting the parameter USE_LEGACY_REQUEST to true.

CR	Problem Description	Solution
QCCR1L57275	In the Scenario Content list of the Scenario Comparison form, the added columns are displayed as blanks.	The added columns are now displayed correctly in the Scenario Content list.
QCCR1L57893	In JDK 8 environment, the printable version of the request page does not behave correctly. All the sections are collapsed, even though they are expanded in the editable version. (QCCR1L57899)	The printable version of the request page is displayed correctly in JDK 8 environment.
QCCR1L57981	The PORTLET_MAX_ROWS_RETURNED parameter does not work as described in the PPM guides. (QCCR1L59068)	The PORTLET_MAX_ROWS_RETURNED parameter no longer limits the maximum row number when you export portlets to Excel. This parameter is obsolete in 9.32.
QCCR1L57983	When you download an attachment in IE11 (native mode) the file name comes as a garbage value with no extension name. (QCCR1L58055)	Attachments are downloaded with correct file names and extension names.
QCCR1L58185 QCCR1L58189	Notifications are split for custom request types. (QCCR1L58187)	The notification is not split if USE_SERVER_LOCALE_FOR_NOTIFICATIONS is set to true, and LANGUAGE_FORMAT_CODE or REGION_FORMAT_CODE is not null.
QCCR1L58309	When PPM is installed on a Linux server and when you export the Request List portlet to Excel, the dates in the Excel file are one day earlier than the dates in the portlet.	The dates in the Request List portlet and the exported Excel file are the same.
QCCR1L58391	If the attachment field is not filled, when a request creation notification is sent, the token [REQD.P.ATTACHMENT.DOC_HISTORY] and all the tokens after it are not translated.	If the attachment field is not filled, when a request creation notification is sent, the token [REQD.P.ATTACHMENT.DOC_HISTORY] becomes blank and all the tokens after it are translated normally.
QCCR1L58414	The token REQ.COMPANY_NAME cannot be retrieved by the getRequest functionality of Web Service.	The getRequest functionality of Web Service can retrieve the token REQ.COMPANY_NAME.
QCCR1L58687	Resources and actuals are removed from	Resources and actuals remain in the

CR	Problem Description	Solution
	the original request when it gets copied. (QCCR1L58781)	original request when it is copied.
QCCR1L58696	When you export Request List portlet to Excel, for text that has multiple lines, the line breaks of the text in the exported Excel file and in the UI page are not consistent.	The line breaks of the text in the exported Excel file and in the UI page are consistent.
QCCR1L58809	When a field in the Request List portlet has a token with 28 characters, the field displays empty value.	The field in the Request List portlet having a token with 28 characters now displays correct value.

Deployment Management

CR	Problem Description	Solution
QCCR1L56736	The content of "where" clause gets truncated when you migrate a datasource from one environment to another.	<p>The content of "where" clause is not truncated when you migrate a datasource from one environment to another.</p> <p>The length limit of the text entered in the Edit WHERE Clause window in PPM Workbench is removed too. You should clear Java cache to refresh workbench by doing the following:</p> <ol style="list-style-type: none"> 1. Open the Java Control Panel. 2. In the General tab, click Settings to open the Temporary Files Settings window. 3. Click Delete Files.
QCCR1L58520	Cannot retrieve logs for AOL migrations from some specific Oracle E-Business Suite server.	You can retrieve logs for AOL migrations from the Oracle E-Business Suite server.
QCCR1L58954	Migrating work plan templates from one environment to another fails with unknown reason. (QCCR1L58958)	Work plan templates can be migrated successfully between environments.

CR	Problem Description	Solution
QCCR1L59017	When you run the Object History report, the field Revision is not populated with the object version.	The value of the Revision field is always correct when you run the Object History report.

Documentation

CR	Problem Description	Solution
QCCR1L57791	If Japanese is the default language of Java Virtual Machine, the email notification is displayed in Japanese even though the log-in language is English. (QCCR1L57926)	<p>If the PPM instance is on a platform whose operating system language is Japanese, you must explicitly specify English as the default language of Java Virtual Machine.</p> <p>For detailed instructions, see "Missing information about how to specify English as the default language for JVM" on page 59</p>
QCCR1L58101	You can not delete positions within staffing profiles when you are authenticated in PPM using SiteMinder. (QCCR1L58792)	<p>Added the DELETE action in the Configuring SiteMinder for Integration with PPM Center section of the <i>Installation and Administration Guide</i>.</p> <p>For detailed information, see "Configuring SiteMinder-PPM integration does not include the DELETE action" on page 59.</p>
QCCR1L58724	According to the System Requirements and Compatibility Matrix guide versions 9.30 and 9.31, Microsoft Windows Server, 2012 R2, Standard and Enterprise Edition (64-bit) is support it but there is no information about which OpenSSH versions can be used.	<p>Added the OpenSSH versions supported by Microsoft Windows Server 2012 R2.</p> <p>For detailed information, see "Supported OpenSSH versions in Microsoft Windows Server 2.12 is not included" on page 59.</p>
QCCR1L58965	The file <code>menu.xml</code> produces an unknown error when menu id is not specified.	<p>Added in the document that menu id is required for each menu item in the <code>menu.xml</code> file.</p> <p>For detailed information, see "The guide does not state that menu id is</p>

CR	Problem Description	Solution
		required" on page 60.
QCCR1L59150	Some information is missing from the document for PPM-SM integration.	Updated step 3 and step 4 of the Configuring PPM Center for Integration with Service Manager section. For detailed information, see "Some information is missing from the document for PPM-SM integration." on page 60.

Integration

CR	Problem Description	Solution
QCCR1L57764	When you upload documents to PPM, the documents are appended with "null". (QCCR1L58323)	The "null" string is not displayed in the document name column.
QCCR1L57363	The "Invalid Username/Password" error appears when you try to log in MSP plug-in under Common Access Card (CAC) and NetScaler deployment environment. (QCCR1L57423)	The "Invalid Username/Password" error does not occur if you select the Enable Web Logon checkbox in HP PPM Center > User Preferences in Microsoft Project. For CAC and Netscaler integration, you should select this option to enable the connections between PPM Center and Microsoft Project to go via Web browser.
QCCR1L57382	The session timeout property does not work in generic single sign-on implementation. (QCCR1L57384)	If you set the parameter ENABLE_GENERIC_SSO_TIMEOUT to true in the Administration Console or server.conf file, the session timeout property works fine in generic SSO implementation. PPM redirectes you to the login page when it times out and forwards you to the Dashboard page after you click Sign-in .

		<p>Note: In MLU environment, a window pops up for you to select the session language before you click Sign-in.</p> <p>If you set the parameter to <i>false</i>, the session timeout property does not work in generic SSO implementation. By default, the value of the parameter is <i>false</i>.</p>
QCCR1L58774	LDAP authentication fails when LDAP server enables TLSv1.1/TLSv1.2. (QCCR1L58796)	<p>A new server configuration parameter <code>SSL_CLIENT_SOCKET_ENABLED_PROTOCOL</code> is introduced to allow you to specify the TLS protocol of LDAPs connections.</p> <p>The default value of this parameter is <code>TLS</code>, and the valid values are <code>TLS</code>, <code>TLSv1</code>, <code>TLSv1.1</code>, and <code>TLSv1.2</code>.</p>
QCCR1L57831	PPM-AGM integration does not allow users to specify workspace. (QCCR1L58031)	When you map a PPM task with Agile Manager, you can specify the Agile Manager workspace for the mapping.

Platform

CR	Problem Description	Solution
QCCR1L56112	You may experience inconsistent results when using smart URLs in notifications.	Clicking smart URLs in notifications now leads to consistent results.
QCCR1L56402	The data type of the column <code>DEPARTMENT_CODE</code> in the table <code>KNTA_USERS_INT</code> should be <code>VARCHAR2(40 CHAR)</code> . (QCCR1L57518)	The column length is extended to match its validation.
QCCR1L56430	The out-of-the-box validation "RSC - Primary Org Units - Enabled" has an invalid SQL statement which ignores search parameters. (QCCR1L57110)	The invalid SQL statement is corrected.
QCCR1L56468	When a node joins in the cluster, the information of its joining is not logged.	The information of a node's joining is improved in the cluster monitor.

CR	Problem Description	Solution
	(QCCR1L57473)	You are now able to distinguish the nodes information.
QCCR1L56586	After you upgrade PPM to 9.22, PPM runs slowly on IE 10. (QCCR1L57245)	The performance issue is improved on IE 10.
QCCR1L56648	If you select a security group with a large number of resources as time approvers, it returns StackTraceError. (QCCR1L57193)	<p>To fix this issue, a new parameter MAX_RSC_IN_SG_TMAPPROVERS is added in the server.conf file.</p> <p>You can use this parameter to specify the maximum number of resources allowed in a security group that serves as time approvers. This helps improve the performance of background services.</p> <p>If the actual resources number exceeds the limit, the warning message pops up on the Modify Resource page. By default, the value of the parameter is 10,000.</p>
QCCR1L56894	PPM connection pool does not release NDC reference, which results in Out of Memory Errors.	Memory leak is solved. The Out of Memory Errors caused by NDC reference do not occur.
QCCR1L56954	The response time for opening approval details of a time sheet is 25-30 seconds. The response time should be shortened. (QCCR1L57001)	The time it takes to open approval details of a time sheet is shortened.
QCCR1L56953	The Date Picker is not displayed properly in Arabic for some of the months.	The months are displayed correctly in Arabic.
QCCR1L57025	Double headers are displayed on screen for no reasons. (QCCR1L57312)	Only a single header is displayed on screen.
QCCR1L57377	When the sign-in language and the browser locale are not the same, work plan Quick view is displayed with mixed languages. (QCCR1L57636)	Work plan Quick view is displayed in the sign-in language regardless of the browser locale.
QCCR1L57508	Some indexes on foreign key constraints are missing. (QCCR1L57701)	The missing indexes are added.

CR	Problem Description	Solution
QCCR1L57545	When you search reports by the filter "Previous reports: Run within the last <xx> days", PPM checks the submission/creation date instead of the RUN date. (QCCR1L57733)	PPM now returns correct search results when you search reports by the filter "Previous reports - Run within the last <xx> days".
QCCR1L57924	Hyperlinks on the Project Details page do not work after PPM is upgraded to 9.31. (QCCR1L58032)	Hyperlinks work fine in the Project Details page.
QCCR1L58385	In the View Portfolio Hierarchy page and the Program Overview page, scroll bars are not working when you access PPM 9.31.0001 via Internet Explorer 11. (QCCR1L58388)	The scroll bars in the two pages work fine now in Internet Explorer 11.
QCCR1L58437	Heap dump happens on the server. (QCCR1L58594)	The parameter MAX_RESULT_OF_AUDIT_EVENT_QUERY is introduced to limit the max number of audit event query result. By default it is set to 1,000.
QCCR1L58596	Running PPM 9.31.0001 in Internet Explorer is slow. (QCCR1L58597)	The performance issue with PPM 9.31.0001 running in IE is improved.
QCCR1L58637	The separator of token values is "," in 9.1, while it is "#@#" in 9.3. This difference results in failure in multiple reports. (QCCR1L58694)	The separator of token values is now ";" instead of "#@#".
QCCR1L58704	Oracle errors appear in the logs about PPM services if the value length in the Status column of the table PPM_SERVICE_RECORDS exceeds 4000.	The errors do not appear because PPM truncates the extra content of the Status column and save the data in the log.
QCCR1L58791	If the following Excel Reports parameters are present in the server.conf file, installing 9.31.0002 fails: <ul style="list-style-type: none"> • REPORTING_JDBC_URL • REPORTING_DB_USERNAME • REPORTING_DB_PASSWORD 	The installation does not fail with Excel Reports parameters present in the server.conf file.
QCCR1L58826	Inconsistent fonts are displayed in project	The fonts in project details help page are consistent.

CR	Problem Description	Solution
	detail help page which causes inconsistent look and feel to the end users. (QCCR1L58879)	
QCCR1L58922	The Web service userdatainfo.setUserData throws errors when you use it to update an auto-complete user data field with multiple values.	Using Web service to update an auto-complete user data field with multiple values does not throw errors.

Portfolio Management

CR	Problem Description	Solution
QCCR1L56897	Role availability information becomes incorrect when you change the start date of an item in the scenario comparison.	Role availability information is correct after you change the start date of an item in the scenario comparison.
QCCR1L57867	Every time a scenario comparison is displayed, DB connections in use increases until they reach the maximum pool size. Once they reach the maximum pool size, no operation in PPM is possible, resulting in DB connection errors: "The database could not be reached. (KNTA-10224)". (QCCR1L57900)	All the database connections used by the scenario comparison functionality are closed correctly now.
QCCR1L57923	Total FTE values taken from the Resource Details by Period page and the Role Availability page are different. (QCCR1L58167)	The total FTE values in the two pages are now the same.
QCCR1L58107	If you do not have the Edit Scenario Comparison access grant, nothing happens in scenario comparison when you change the value of Graph Period Interval and then click Change.	The Graph Period Interval can be changed regardless of whether or not you have the Edit Scenario Comparison access grant.
QCCR1L58761	The values in the Role Availability page are incorrect. (QCCR1L58877)	The values in the Role Availability page are now correct.

Project Management

CR	Problem Description	Solution
QCCR1L57057	Stakeholders who have only the view access grant of work plan can delete tasks on task detail page. (QCCR1L57914)	Stakeholders with only the view access grant cannot delete tasks on task detail page.
QCCR1L57180	The values of Estimated Remaining Effort (ERE) and % Complete are randomly incorrect. (QCCR1L57794)	The values of Estimated Remaining Effort (ERE) and % Complete are always correct.
QCCR1L57253	The position of the action tool bar is not always correct in the project details page. (QCCR1L57828)	The action tool bar is now always floated on top of the project details page.
QCCR1L57318	When HTTP port of PPM server is 80, work plan Quick view never loads after you click Edit Work Plan . (QCCR1L58586)	When HTTP port of PPM server is 80, work plan Quick view can be opened.
QCCR1L57537	You may experience poor performance when scheduling a work plan with a large number of tasks. (QCCR1L57825)	<p>The issue happens because every time you schedule a work plan, the Cost Rollup Service is triggered to calculate the work plan cost, which takes much time and memory.</p> <p>This issue is fixed by introducing a new server configuration parameter <code>ENABLE_PROJECT_COST_ROLLUP</code> in the <code>server.conf</code> file. Setting this parameter to <code>false</code> (default value) prevents the Cost Rollup Service from running when you schedule a work plan.</p> <p>Note: The configuration of this parameter does not impact the schedule of the Cost Rollup Service.</p>
QCCR1L57725	Most of data input error message get garbled in the dialogue boxes when you log on to PPM in Japanese.	The error messages are displayed correctly when you log on to PPM in Japanese.

CR	Problem Description	Solution
	(QCCR1L57851)	
QCCR1L57724	The Cost Category field in staffing profile is not shown in Japanese when the session language is set to Japanese. (QCCR1L57849)	The Cost Category field is displayed in the session language.
QCCR1L57731	In the Cost tab of the Project Overview page, Projected Cost shows a downward sloping line. Projected Cost should be displayed as accumulated cost, so the line should be displayed as an ever-increasing one. (QCCR1L57772)	Projected Cost is now displayed as an upward sloping line.
QCCR1L57726	In JDK 8.0 environment, java.util.ConcurrentModificationException occurs when you export the Project Overview page to PDF. (QCCR1L57747)	In JDK 8.0 environment, the exception does not occur when you export the Project Overview page to PDF.
QCCR1L57822	<p>The following prompt pops up in Project Details tab when you switch to another tab with some fields updated without saving:</p> <p>"Some fields are changed and unsaved. Are you sure to leave without saving?"</p> <p>This is unnecessary if the fields update is triggered by SQL rule. (QCCR1L57854)</p>	<p>To fix this issue, the ENABLE_PROJECT_DETAIL_VALIDATEparameter is added in the server.conf file.</p> <p>When you set it to true, the system will check the fields on Project Details tab before you switch to another tab. If the fields are updated without saving, the prompt will pop up.</p> <p>When you set it to false, the system will not do the check, and the prompt will not appear.</p> <p>By default, the value of the parameter is true.</p>
QCCR1L57891	Financial Summary Edit Cost page is not displayed correctly in Internet Explorer 11 unless Compatibility View is enabled. (QCCR1L58049)	Financial Summary Edit Cost page is displayed correctly in Internet Explorer 11 even when Compatibility View is not enabled.
QCCR1L58078	In work plan Quick view, if you edit the start date to be later than the finish date	In work plan Quick view, if you edit the start date to be later than the finish

CR	Problem Description	Solution
	<p>first, the start date is changed back to the original value, even when you edit the finish date to be later than the new start date.</p> <p>For example, when you create a task in quick view, start date and finish date are the same by default, 2015/10/12. When you edit start date to 2015/10/20, an error message will be shown to say start date should not be later than finish date. Then you change the finish date to 2015/10/30 and save the task, the start date will be changed back to 2015/10/12. If you first change the start date to be earlier than finish date, you will not see this issue.</p>	<p>date first, the start date is changed successfully when you then edit the finish date to be later than the new start date.</p>
QCCR1L58180	<p>System hangs when you try to create a work plan from template. (QCCR1L58181)</p>	<p>The issue happens because every time you create a work plan from template, the Cost Rollup Service is triggered to calculate the work plan cost, which takes much time and memory.</p> <p>This issue is fixed by introducing a new server configuration parameter <code>ENABLE_PROJECT_COST_ROLLUP</code> in the <code>server.conf</code> file. Setting this parameter to <code>false</code> (default value) prevents the Cost Rollup Service from running when you create a work plan from template.</p> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>Note: The configuration of this parameter does not impact the schedule of the Cost Rollup Service.</p> </div>
QCCR1L58231	<p>The bar chart of staffing profile baseline is not displayed in Resource Forecast Cost section of the Cost tab of the project. (QCCR1L58232)</p>	<p>The bar chart of staffing profile baseline is now displayed.</p>

CR	Problem Description	Solution
QCCR1L58289	Errors appear randomly when you indent or outdent tasks. (QCCR1L58456)	<p>The issue happens because every time you indent or outdent tasks, the Cost Rollup Service is triggered to calculate the work plan cost, which takes much time and memory.</p> <p>This issue is fixed by introducing a new server configuration parameter <code>ENABLE_PROJECT_COST_ROLLUP</code> in the <code>server.conf</code> file. Setting this parameter to <code>false</code> (default value) prevents the Cost Rollup Service from running when you indent or outdent tasks.</p> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>Note: The configuration of this parameter does not impact the schedule of the Cost Rollup Service.</p> </div>
QCCR1L58377	When you create Staffing Profile Baseline through PPM workflow, the bar chart of the baseline is not displayed in the Resource Forecast Cost page. (QCCR1L58544)	The bar chart of staffing profile baseline is displayed in the Resource Forecast Cost page when the baseline is created through PPM workflow.
QCCR1L58512	When View Project Quality integration is enabled, the Quality tab for the VPQ integration appears on a task of a work plan template.	When View Project Quality integration is enabled, the Quality tab for the VPQ integration does not appear on a task of a work plan template.
QCCR1L58631	It takes long for the Issue portlet to load on the Project Summary page even if there are no issues logged for the project.	Loading the Issue portlet takes less time.
QCCR1L58707	An error appears when you import work plan from another work plan. (QCCR1L58910)	<p>The error appears because every time you import another work plan, the Cost Rollup Service is triggered to calculate the work plan cost, which takes much time and memory.</p> <p>This issue is fixed by introducing a</p>

CR	Problem Description	Solution
		<p>new server configuration parameter <code>ENABLE_PROJECT_COST_ROLLUP</code> in the <code>server.conf</code> file. Setting this parameter to <code>false</code> (default value) prevents the Cost Rollup Service from running when you import a work plan.</p> <p>Note: The configuration of this parameter does not impact the schedule of the Cost Rollup Service.</p>
QCCR1L58702	When you schedule a work plan, the cursor just spins and the action never completes. <code>NullPointerException</code> is reported in the server log.	<code>NullPointerException</code> disappears and you can schedule a work plan successfully.
QCCR1L58875	The Cancel button does not work when you schedule a work plan. (QCCR1L59067)	The Cancel button works correctly when you schedule a work plan.
QCCR1L58911	Cannot search a project whose staffing profile is deleted.	Projects with staffing profiles deleted can be searched
QCCR1L59013	Creating a work plan from template using <code>ksc_create_workplan</code> command does not copy the resources assigned to the tasks. (QCCR1L59095)	Using <code>ksc_create_workplan</code> command works the same as you manually create a work plan from template.

Resource Management

CR	Problem Description	Solution
QCCR1L53770	When you change end period in the Change Staffing Profile Header page, the following error occurs: The name of the entity you are trying to create already exists. Please try a different name. (QCCR1L58608)	The error does not appear when you change end period in the Change Staffing Profile Header page.
QCCR1L57506	The staffing profile shows incorrect data	The exported PDF file now displays

CR	Problem Description	Solution
	of positions in the exported PDF file. (QCCR1L57829)	correct staffing profile position data.
QCCR1L57880	When you have only view resource privilege and switch from the Time Management tab to the other tabs in the view resource page, an error window opens and there are input string errors in the server log. (QCCR1L58776)	No errors appear when you switch from the Time management tab to the other tabs in the view resource page.
QCCR1L57977	Resources are displayed in the ascending sequence of Suitability Score in the Select a Resource to Assign page. However, they should be displayed in the descending sequence of Suitability Score, because resource pool managers usually look for a resource who is more suitable to a resource request. (QCCR1L58524)	Resources are displayed in the descending sequence of Suitability Score in the Select a Resource to Assign page.
QCCR1L58020	Users in different time zones see different start/end dates in the same staffing profile. (QCCR1L58233)	The same dates are displayed for users using different time zones.
QCCR1L58129	Shifting project start date causes the forecast bar and the assignment bar in staffing profile to break into several parts. (QCCR1L58326)	When shifting project schedule, the forecast data will be re-calculated. Due to different numbers of working day, the efforts for each day in different months may be different. Now PPM checks the value deviation. If the deviation between months is very minor, the difference is ignored.
QCCR1L58130	When you click the Confirm button without any changes on the forecast bar in staffing profile, position status becomes "Partially assigned" instead of "Fulfilled" for the fulfilled efforts, and additional resources need to be assigned to fill the gap. (QCCR1L58182)	Position status is displayed correctly.
QCCR1L58288	In the staffing profile Gantt view, resource types of staffing profile positions are not sorted. (QCCR1L58477)	Resource types of staffing profile positions are sorted in the staffing profile Gantt view.

CR	Problem Description	Solution
QCCR1L58371	When you change the end date of a staffing profile from the Statistics section of a staffing profile, the forecasts of some positions disappear and the allocation of some resources might disappear too. (QCCR1L58577)	Forecast and allocation data retain when you change the end date of a staffing profile from the Statistics section of a staffing profile.
QCCR1L58405	When executing scalable resource finder, some error logs are written to the server log. The error logs are generated by PPM itself. They do not impact the functionality, but they may confuse customers. (QCCR1L58945)	You do not see the error information in the server log any longer.
QCCR1L58428	When you assign a resource to a staffing profile position, it takes long time for the Resource Finder to find the resources that best match the positions. (QCCR1L58858)	The response time for Resource Finder is reduced.
QCCR1L58614	Position statuses in staffing profile Gantt view should be displayed in user's session language. But it does not work. (QCCR1L58614)	Position statuses are displayed in the correct session language.
QCCR1L58847	When you change the region of an organization unit manually in the Modify Organization Unit page, the resource calendar is changed to the new region's calendar. However, when you change the same with the Run PPM Organization Unit Interface report, the resource calendar is not updated. (QCCR1L59138)	The resource calendar is updated when you change the region using the Run PPM Organization Unit Interface report.
QCCR1L58843	When a resource manager modifies resource allocations, the project manager receives email notifications with untranslatable message if the session languages of these two people are different.	The project manager can receive notifications in his session language.
QCCR1L58874	In the Staffing profile Gantt View, the assign resource dialog box displays 10 resources at most. There should be an	A "More" button is displayed at the bottom of the dialog box if there are more than 10 resources available to

CR	Problem Description	Solution
	option to display more resources. (QCCR1L59133)	assign. Clicking More displays 10 more resources.
QCCR1L58892	The Assign button is not active in the resource assignment window of the Resource Allocation Management page when the session language is German and the web browser is Internet Explorer 11.	The Assign button is active in German session language in Internet Explorer 11.
QCCR1L58933	Staffing profile views should be renamed to clear confusion. (QCCR1L59119)	<ul style="list-style-type: none"> • Clarify Gantt view and Table view in the document. • Change the button name from "Table View" to "Legacy UI". • Change the button name from "Gantt View" to "New UI". • Move the button "Table View" to the top of the project details page in Staffing Profile tab, and change the button name to "Legacy UI".
QCCR1L59092	Changing staffing profile dates in the Statistics section in the Gantt view causes forecast period change and effort change. (QCCR1L59093)	Changing staffing profile dates in the Statistics section does not change forecast period and effort.

Time Management

CR	Problem Description	Solution
QCCR1L47259	The "Open list of errors in new window" link on Non-Compliance pop-up window is broken. (QCCR1L57793)	The "Open list of errors in new window" link on Non-Compliance pop-up window now works.
QCCR1L55481	If you no longer have the access grant to access a miscellaneous item, you should not be able to add the miscellaneous item in a time	You cannot add the miscellaneous item to a time sheet from Add Items to Time Sheet > My Items > Suggested Items if you no longer has the required access grant.

CR	Problem Description	Solution
	sheet. However, you can do so from Add Items to Time Sheet > My Items > Suggested Items. (QCCR1L57308)	
QCCR1L56933	The TM-PM sync service does not run correctly. (QCCR1L57307)	The TM-PM sync service runs without errors because the prevalidation check ignores the work unit with zero actual effort by unassigned resource.
QCCR1L57288	Cost is not rolled up to financial summary for request work items when a new time sheet is saved.	Upon saving a time sheet, PPM now creates pending cost roll up records for request work items.
QCCR1L57717	Customers experience the severely degraded performance of PPM, especially with the Time Management module. (QCCR1L57728)	The performance issue with the Time Management module is resolved.
QCCR1L57844	Email notifications cannot be sent out and errors appear in the server log because BCC recipients cannot receive notifications. (QCCR1L58778)	Email notifications can be received by BCC recipients.
QCCR1L58539	TM performance degradation issue occurs after you upgrade PPM to 9.22.	The response time for opening a time sheet is reduced.
QCCR1L58820	The overall status of the time sheet is Pending Approval even though the status of all the time sheet lines are Approved. (QCCR1L59106)	The overall status of the time sheet is updated to Approved when the status of all the time sheet lines are Approved.
QCCR1L58815	Time sheet user data field names are not fully displayed in the Additional Information tab of the Time Sheet Details page. Field names are getting truncated. They are fully shown in individual Line Details page. (QCCR1L59005)	You are able to see user data field names fully displayed in tooltip.
QCCR1L58819	In the time sheet details page, task path below the task name is not displayed correctly when the task	Task path in time sheet details page is displayed correctly even when the task name is long.

CR	Problem Description	Solution
	name is long. (QCCR1L59006)	
QCCR1L58947	The user data tab is not shown for time sheet lines if you log on to PPM in French. (QCCR1L59066)	The user data tab is shown when you log on to PPM in French.
QCCR1L58542	You cannot use Shift+Click to copy cells (horizontally) in the Time Breakdown tab of a time sheet.	You can now click on a cell and Shift+Click on another cell in the same line to copy the first cell value.

Chapter 4: Known Problems and Limitations in PPM Center 9.32

This software release has the following known issues and limitations. This is a cumulative list of known issues and limitations in PPM Center 9.32, including those that are already documented in previous release notes. The problems are categorized by the affected product area. If a problem has an assigned internal tracking number, the tracking number is provided (in parentheses) at the end of the problem description.

Known Problems and Limitations in PPM Center 9.31

Integration

Limitation: If you provide a value for the QC/ALM Synchronization Control field, this value is the field in ALM that controls whether the QC/ALM end users want to create a defect in PPM Center as a result of creating a defect in ALM. However, if you set this field in ALM as a required field, errors appear no matter whether or not you build field mapping for this field. (QCCR1L56956)

Workaround: Do not set the field selected in the QC/ALM Synchronization Control field as required in ALM.

HP Resource Management

Problem: When the number of resources is greater than 1000 on the Resource Usage page, the performance is not desirable when you open the page from the work plan. (QCCR1L56507)

Workaround: You can use the Analyze Assignment Load portlet if there are large number of resources in one work plan.

Limitation: If you select a resource pool and time periods in the **Gantt** view of the Resource Allocation Management page, and then refresh the page, your selected resource pool and time periods disappear. (QCCR1L56573)

Workaround: Go to the **Table** view of the Resource Allocation Management page if you want to refresh the page after selecting the resource pool and time periods.

HP Financial Management

Limitation: A resource is assigned to a position. When the resource's full name is changed, the change is reflected in the Staffing Profile page, but not reflected in the Resource Forecast Cost chart of the **Cost** tab on the Project Overview page. (QCCR1L56260)

Workaround: None.

Limitation: When you set a task as a milestone, the schedule duration and schedule effort change to 0. After the Cost Rollup Service is run, the planned labor cost becomes 0, however, the EVM data keep the old values. (QCCR1L55619)

Workaround: None.

Platform

Limitation: If you install language packs after the fresh installation of PPM Center or the upgrade to PPM Center, some strings on the Submit Report page may not be translated. (QCCR1L56840)

Workaround: None.

Limitation: Error appears if you use NT Service on Windows platform to restart PPM Server.

Workaround: If you want to restart PPM Server with NT Service, do the following:

1. Click the **Stop** button to stop PPM Server.
 2. Run the `kStatus.sh` script to check and make sure PPM Server is stopped.
 3. Click the **Start** button to restart PPM Server.
-

Limitation: On the following pages, the quick search text field does not work for searching entities but only works for searching menus:

- **Gantt** view of the Staffing Profile page
- **Gantt** view of the Resource Allocation Management page
- **Quick** view of project work plan

Workaround: Go to the Search <Entities> page from the **Search** menu if you want to search entities.

Chapter 5: Documentation Errata

The following documentation items are incorrect.

System Requirements and Compatibility Matrix

Missing information about how to specify English as the default language for JVM

Location: *System Requirements and Compatibility Matrix*, version 9.30 and 9.31

Error: If the PPM instance is on a platform whose operating system language is Japanese, you must explicitly specify English as the default language of Java Virtual Machine. The guide does not include this information.

Correction: Added the instructions about specifying English as the default language for JVM.

For details, see the updated *System Requirements and Compatibility Matrix*:

<http://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01342890> or the PPM 9.32 Help Center.

Supported OpenSSH versions in Microsoft Windows Server 2.12 is not included

Location: *System Requirements and Compatibility Matrix*, version 9.30 and 9.31

Error: Microsoft Windows Server, 2012 R2, Standard and Enterprise Edition (64-bit) is support it but there is no information about which OpenSSH versions can be used.

Correction: Added the OpenSSH versions supported by Microsoft Windows Server 2012 R2.

For details, see the updated *System Requirements and Compatibility Matrix*:

<http://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01342890> or the PPM 9.32 Help Center.

Installation and Administration Guide

Configuring SiteMinder-PPM integration does not include the DELETE action

Location: *Installation and Administration Guide*, version 9.30

Error: The DELETE action is not included in the Configuring SiteMinder for Integration with PPM Center section of the guide.

Correction: Add the DELETE action in the guide.

For details, see the updated *Installation and Administration*

Guide: <http://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01161943> or the PPM 9.32 Help Center.

Customizing the Standard Interface

The guide does not state that menu id is required

Location: *Customizing the Standard Interface*, version 9.30

Error: The guide does not clearly state that menu id is required when you edit menu.xml.

Correction: Added in the guide that menu id is required when you edit menu.xml.

For details, see the update *Customizing the Standard Interface:*

<http://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01161866> or the PPM 9.32 Help Center.

HP Solution Integrations Guide

Some information is missing from the document for PPM-SM integration.

Location: *HP Solution Integrations Guide*, version 9.30

Error: Some information is missing from the document for PPM-SM integration.

Correction: Added a note as follows in the guide:

Note: Updated step 3 and step 4 of the Configuring PPM Center for Integration with Service Manager section.

For details, see the update *HP Solution Integrations Guide:*

<http://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01161759> or the PPM 9.32 Help Center.

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