

# HP Project and Portfolio Management Center

Software Version: 7.5

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## What's New and What's Changed

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# 1 Introduction to PPM Center Version 7.5

## Highlights

Version 7.5 of the HP Project and Portfolio Management Center (PPM Center) product features enhancements in four key areas: product usability, Web services, integrations, and solutions. Highlights of each area are described in the following sections. For details about these changes, see the relevant product guide.

### Product Usability

Many areas of PPM Center version 7.5 have been modified to improve usability, be more intuitive, or increase productivity.

The key usability enhancements in version 7.5, categorized by product area, include the following:

- HP Project Management
  - *Customizable Work Plan Views*
  - *Copy Work Plan*
  - *Microsoft Project Integration*
  - *Summary Task Owners Editability and Schedulability*
  - *Configurable Project Overview Page*
  - *Estimated Remaining Effort Change Indicator*

- HP Resource Management
  - *Staffing Profile Copy*
  - *Resource Pool Search*
  - *Resource Allocation Notification*
  - *Export to Excel for Resource Pool View*
  - *Resource Allocation Management*
- HP Time Management
  - *Remove Rejected Actuals*
  - *Show Work Items in Flat List*
  - *Find Work Items Filter Improvements*
  - *Allow Column Selection by Enterprise*
  - *Configurable Work Items List*
- HP Demand Management
  - *Additional Request Rules*
  - *Request Quick Edit Page*
  - *Request Resource Tracking*
  - *Better Rendering of Table Component*
  - *Request List Portlet Links*
  - *Workflow Usability*
- HP Financial Management
  - *Flexible Budget Periods*



- Other areas
  - *PPM Dashboard*
  - *Documentation Library*
  - *Tracking Actuals to Assets*
  - *Period Selector*

## Web Services

Web services have been expanded in version 7.5 to include a variety of commonly requested operations and functionality. In addition, Web services have been streamlined and modified for consistency within and across the application modules. Version 7.5 provides new Web service operations and special commands for the following application modules, as well as single sign-on support and improved security features.

- HP Project Management
  - *Export Work Plan*
  - *Search Projects*
  - *Get Project Details*
  - *Update Work Plan Status*
  - *Bulk Import of Projects*
- HP Resource Management
  - *Bulk Import of Roles and Skills*
- HP Time Management
  - *Create Time Sheet*
  - *Search Time Sheet*
  - *Read*
  - *Update Existing Time Sheets*

- HP Demand Management
  - *Execute Workflow Transitions*
- HP Financial Management
  - *Enhanced Budget Search*

## Integrations and Solutions

PPM Center includes *Managing Application Change* integration software, a solution that lowers the cost and risk of application change within your organization and can also accelerate the time to market for your applications.

*Center Management for Quality Center* is a separately licensed product that uses the technology and features of PPM Center to optimize Quality Center of Excellence management by introducing proven and repeatable best practices, projects, workflows, and key performance indicators (KPIs) for principal quality activities.

# Upgrade Impacts

When you upgrade from version 7.1 to version 7.5, you should consider impacts in the following areas:

- **User experience.** Details of the resulting application impacts and how they might differ from user experiences with other PPM Center versions are described in [Chapter 3, \*Feature and Functional Impacts\*, on page 23](#).
- **Upgrade process.** Specifics about the impacts of the actual upgrade process are described in [Chapter 4, \*Upgrade Impacts\*, on page 29](#). Also discussed in this chapter are the changes to the PPM Center entities.
- **System administration.** Items of interest to the PPM Center system administrators or database administrator are detailed in [Chapter 5, \*System Requirements and Configuration Updates\*, on page 43](#).

## Related Information

The following documents provide more in-depth details on the installation, configuration, and customization of version 7.5:

- *System Administration Guide and Reference*
- *Upgrade Guide*
- *System Requirements and Compatibility Matrix*
- *Creating Portlets and Modules*
- *Customizing the Standard Interface*
- *Getting Started*

For additional details, you may also want to consult the documentation for the following PPM Center product areas:

- HP Center Management for Quality Center
- HP Demand Management
- HP Portfolio Management
- HP Project Management
- HP Resource Management
- HP Time Management
- HP Managing Application Change
- Web services

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## 2 New Features and Functionality

### Overview of New Capabilities

This chapter describes the new features and functionality available in version 7.5. Customers should evaluate the following capabilities to determine whether they are appropriate to add to their existing processes, procedures, or business strategies.

### Product Usability

#### HP Project Management

- Customizable Work Plan Views

Users can now show and hide columns in each tabular work plan view. Additionally, users can create a custom view to show the desired information.

- Copy Work Plan

A project manager can import a work plan into another work plan. This allows the project manager to reuse the structure and other attributes of an existing work plan.

- Microsoft Project Integration

This enhancement extends the existing integration with Microsoft® Project to support mapping of PPM Center user data to Microsoft Project custom data.

- Estimated Remaining Effort Change Indicator

A visual indicator has been added to the work plan to draw the attention of the project manager to lines that may require attention. This is intended to help the project manager notice that a resource, while updating their actuals on a task, has modified the project's actual data such that total actual effort is now significantly different from the planned effort. This condition indicates that the project manager should adjust either the schedule or resource allocation to resolve the issue. If estimated remaining effort is not tracked for a project, this warning is not used.

## HP Resource Management

- Staffing Profile Copy

Resource managers can now copy positions from another staffing profile after a staffing profile has already been created.

- Resource Pool Search

Search capability has been added for resource pools.

- Resource Allocation Notification

Resource managers, staffing profile managers, and resources can be notified when resource requests are sent, fulfilled, rejected, or forwarded.

Resource managers can send email notifications to resources that they assign to staffing profiles and to themselves. Project managers (who own staffing profiles) can send the email notifications to themselves.

- Export to Excel for Resource Pool View

The two resource pool pages, View Forecasted Demand and View Resource Load, can be exported to an Excel-formatted file.

- Resource Allocation Management

The new functionality enables a resource manager to use a “quick edit” page to assess and manage all resource requests coming from various projects.

## HP Demand Management

- Additional Request Rules

The rule functionality has been enhanced to include several new user interface behaviors. New capabilities include:

- Field behavior can now be manipulated between status changes.
- A field can be required, hidden, or shown when the request status has a particular value.
- A new rule event can be created to execute before a transition.
- Rule dependencies allow for more complex dependency behavior, which enables additional validation logic to be built into the request form.
- A new rule sets style properties for request fields.

- Request Quick Edit Page

While viewing the results list from a request search, users now have the option to select some or all of the requests shown using the new “quick edit” interface.

- Request Resource Tracking

New capabilities for tracking resources who are assigned on or contribute effort to requests is added in version 7.5. New request type configuration options allow better control over who can submit time sheets against a request and enable tracking of who was involved on the request during its lifecycle. As a request is processed, it is often assigned to different resources at different process phases. Sometimes additional users who are not directly assigned also contribute work. In version 7.5, a request (optionally) maintains a record of each resource that was assigned during its lifecycle and any other resources who logged time for it. Each resource tracked on the request also contains a roll-up of the time provided in time sheets for that request. Additionally, new time sheet “suggested items” rules and search criteria were added to better serve resources who regularly submit time sheets against many requests.

## HP Portfolio Management

- Flexible Budget Periods

Budget period specifications have been enhanced to allow customers to:

- Define the first month of the fiscal year and have fiscal quarter, half year, and year definitions fall into place accordingly (for budgets, benefits, and HP Portfolio Management)
- Change the month boundaries (as long as all dates are accounted for)
- Generate more periods when month boundaries are not changed
- Add more periods when the month boundaries are changed



## PPM Dashboard

- Find Portlet Screen

This screen has been updated to improve usability.

- Performance Improvements

Several modifications have been made to improve performance and extend functionality.

## Web Services

### HP Project Management

- Export Work Plan

Reads the entire work plan.

- Search Projects

Searches projects and uses the filters available in the PPM Center standard interface.

- Get Project Details

Reads the project details, including:

- Participants
- Project type
- Project policy setting
- Linked staffing profile, budget, and benefits

- Update Work Plan Status

Updates the work plan status.

- Bulk Import of Projects

Imports entire projects.

- Other Improvements

The security model more closely matches that used in the PPM Center standard interface.

## HP Resource Management

- Bulk Import of Roles and Skills

Imports roles or skills.

## HP Time Management

- Create Time Sheet

Creates a time sheet.

- Search Time Sheet

Searches a time sheet and uses the filters available in the PPM Center standard interface.

- Read

Reads an existing time sheet, including:

- Status
- Time sheet lines (work item, status, effort, and activities)
- Time sheet line approvers

- Update Existing Time Sheets

Updates an existing time sheet, including:

- Changing status of a line
- Changing time sheet status
- Adding notes
- Adding lines to an existing time sheet
- Updating an existing line
- Adding approvers to a line

## HP Demand Management

- Execute Workflow Transitions

Executes a workflow transition and provides a more straightforward interface than the updateRemoteReference Web service operation.

## HP Financial Management

- Enhanced Budget Search

The budget searching functionality has been enhanced.

# Integrations and Solutions

## Managing Application Change

The MAC solution provides you with the ability to manage application change in accordance with standard Information Technology Infrastructure Library (ITIL) processes. The MAC solution includes a separately installed content bundle that includes preconfigured workflows, request types, and other entities. These entities, which can be customized for your business needs, enable you to integrate PPM Center with the following:

- HP ServiceCenter and BMC Remedy Action Request System service desk applications
- HP Quality Center
- HP Change Control Management
- Mercury Application Mapping

## Center Management for Quality Center

HP Center Management for Quality Center enables you to:

- Introduce and enforce consistent workflows for all major application delivery processes
- Initiate and manage application and testing projects
- Provide visibility into project and test status
- Integrate with HP Quality Center

## HP Extensions and Migrators

The HP Deployment Management Extension for Oracle E-Business Suite and HP Object Migrator have been updated to support release 12 (12.0.0–12.0.4) of the Oracle E-Business Suite.

The HP Deployment Management Extension for Oracle Technology has been updated to support migrating Oracle Forms 10G files and Oracle Reports 10G files from one Oracle instance to another.



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# 3 Feature and Functional Impacts

## Overview of Potential Impacts

Similar to the previous chapter, this chapter also describes new features and functionality. However, the changes identified in this chapter may have impact on product behavior and user interactions that affect *existing* PPM Center users, processes, procedures, or business strategies.

## Product Usability

### HP Project Management

- Summary Task Owners Editability and Schedulability

Summary task owners can once again edit and schedule their summary tasks and all the tasks underneath. In PPM Center version 7.1, only a project manager could edit the work plan. Summary task ownership was available in version 6.0 (and earlier); however, this functionality was not carried forward in the re-design of HP Project Management versions 7.0 and 7.1.

- Configurable Project Overview Page

Improvements have been made for the usability of the Project Overview page. Specifically, the tiles used on the **Project Summary** tab have been replaced with corresponding portlets. Note that only the **Project Summary** tab has been enhanced—the other tabs remain unchanged.

The PPM Dashboard provides a familiar mechanism to display project information and customize the information displayed. The project summary portlets appear within standard portlet frames (instead of tiles) and the portlets can be maximized, launching a new page (through existing PPM Dashboard functionality). The portlets available for a given project are controlled in the project settings at the project type and project levels, thereby retaining version 7.1 (and earlier) Project Overview behavior. The layout of the project summary is saved with the project settings so that each user viewing the project will see the same information.

Access to each action (within a portlet) is based on the user's access to the portlet. A project manager can also select the number of rows to display in a list portlet.

## HP Time Management

- Remove Rejected Actuals

Rejected time is now deducted from the actual effort on a task as soon as the task gets rejected. Additionally, actual costs are re-calculated such that the rejected time is not included. The rejected time can be re-introduced once the resource has re-worked the rejected time sheet line(s) and the time is approved.

- Show Work Items in Flat List

In PPM Center version 7.1 (and earlier), work items on a time sheet are grouped together by work item set such as a project, a request type, a workflow for a package, or miscellaneous. For resources working on items from multiple work item sets at the same time, this grouping took up valuable space on the user interface. For example, a resource who worked on three tasks in each of three different projects, and on six different types



of requests would have nine separate categories, each with one item. In version 7.5, users can now view work items in a flat list, in addition to the existing grouped mode.

- Find Work Items Filter Improvements

Users found that searching for tasks, requests, or packages to add to time sheets unconventional and non-intuitive. The search interface has been redesigned to include a Search button to facilitate user selections.

As part of this improvement, the concepts of projects and tasks have been separated, allowing users to identify and distinguish between them. Additionally, tasks can now be displayed in a hierarchical structure that corresponds to a project work plan.

- Allow Column Selection by Enterprise

To make time sheets easier to complete, the page was re-designed. Unnecessary columns were removed and the layout adjusted for increased usability.

- Configurable Work Items List

When adding items to a time sheet, the types of work items available for the user to select (for example: tasks, projects, requests, packages, or miscellaneous) can now be controlled instance-wide (using new `server.conf` parameters), or by the user's time sheet policy. This allows the time management administrators to suppress the display of unused types of work from some or all users, which helps to reduce confusion and simplify end-user training.

## HP Demand Management

- Better Rendering of Table Component

With this version of PPM Center, users can now view the entries in the Table Component in their HP Demand Management request types. Tables having a large number of rows or columns are displayed in manageable pages and users can navigate through the entire table. Additionally, the table can be exported to an Excel-formatted file or printed from the Request Detail report.

- Request List Portlet Links

In prior versions of PPM Center, only the request number was hyperlinked, thereby allowing the user to drill down to the particular request. In version 7.5, budget, staffing profiles, financial benefit, or reference documents can also be hyperlinked.

- Workflow Usability

The workflow graphical view has been improved. The visual information has been made more crisp and clear, step icons have been updated, clutter removed, and the fonts modernized.

## PPM Dashboard

- Performance Enhancements

Changes to the following areas may affect customizations:

- Static files separation
- GZip static files
- CSS file consolidations
- JavaScript file consolidations

## Documentation Library

- 100% Customizable PPM Documentation Library

Documentation is not installed as part of the PPM Center installation, thereby allowing administrators to include only the documentation that they feel is pertinent to their PPM Center implementation.

- Removal of Role-Based Search

This search capability was removed to simplify customization of the PPM Documentation Library. Also, having only the relevant documents listed on the Library page minimizes the need for this functionality.

## Other Enhancements

- Period Selector

The period selectors used within PPM Center have been made consistent. All period selectors now:

- Include a Past Periods to Show filter
- Default to three periods
- Display the start and end dates for each period

- Tracking Actuals to Assets

Time is now rolled up to the staffing profile of an asset, similar to how time is rolled up to the staffing profile for a work plan. This allows time logged against assets to be reflected in the actual effort in HP Portfolio Management and its related portlets and reports, resulting in more accurate accounting of the effort expended on the maintenance of an asset, and actual resource utilization.

## HP Extensions

To make HP Deployment Management Extension for Oracle E-Business Suite compatible with Oracle E-Business Suite release 12, changes have been made to some of the objects. These enhancements may also include changes in the names of the objects.

Two object types have been added in version 7.5.0 of the HP Deployment Management Extension for Oracle Technology.

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# 4 Upgrade Impacts

## Overview of Upgrade Considerations

This chapter focuses on the impacts of the actual upgrade process and the resulting changes to the PPM Center data model and entities.

## Upgrade Path

Only version 7.1 to version 7.5 upgrades are supported. Content from version 7.1 SP6 is included in version 7.5 although that content may not be reflected in this document.

If your PPM Center software uses an earlier version, you will need to upgrade in stages. For example, if you are at version 5.5 you will need to upgrade to version 6.0, then to version 7.1, and finally to version 7.5. The supported Oracle® database versions may require additional upgrade steps. Refer to the *System Administration Guide and Reference* to determine—and plan—your upgrade process.

## Customized Solutions

As with any upgrade, customized solutions are at risk of not functioning exactly as intended once an upgrade is completed. Carefully review your existing customizations before proceeding with the upgrade. The new features and functionality provided in version 7.5 may have made your customizations obsolete.

Re-branding impacts include changes in the `dashboard.war` file:

- Some of the right-to-left (`_RTL`) cascading style sheets are no longer used
- The following directories have been moved into the (new) `static` directory:
  - `arch/images`
  - `arch/css`
- New classes have been added to `df-portlet.css`

## Data Model Changes

The section describes the major changes to the data model in version 7.5. Some changes were introduced in version 7.1 service packs and the particular service pack is identified. Service pack changes are noted through SP5 only—changes made in subsequent service packs are not specified. Annotations of SPx indicate that change was made in one of the first five version 7.1 service packs.

## Tables

Table 4-1. Table changes (page 1 of 3)

| Table Name                   | Impact         |
|------------------------------|----------------|
| DSH_DEF_PEVENT_TOPICS        | Added in 7.5   |
| DSH_FAVORITES                | Added in 7.5   |
| DSH_PDF_PREF                 | Added in 7.5   |
| DSH_PEVENT_TOPICS            | Added in 7.5   |
| DSH_PEVENTS_PROPERTIES       | Added in 7.5   |
| DSH_PORTLET_EVENTS           | Added in 7.5   |
| DSH_WSRP_PRODUCERS           | Added in 7.5   |
| FM_COST_FACTOR_VALUES        | Deleted in SP5 |
| FM_COST_RATE_RULES           | Deleted in SP5 |
| ITG_HEALTH_RULES             | Deleted in SP5 |
| ITG_HEALTH_SETTINGS          | Deleted in SP5 |
| ITG_LOCKER_DETAILS           | Deleted in SP5 |
| ITG_LOCKERS                  | Deleted in SP5 |
| ITG_PERIODS                  | Deleted in SP5 |
| KCRT_FG_CMQC_APP_PROJECT     | Added in 7.5   |
| KCRT_FG_CMQC_APP_PROJECT_INT | Added in 7.5   |
| KCRT_FG_CMQC_INSTANCE        | Added in 7.5   |
| KCRT_FG_CMQC_INSTANCE_INT    | Added in 7.5   |
| KCRT_FG_CMQC_PROJ_STATUS_INT | Added in 7.5   |
| KCRT_FG_CMQC_PROJECT_STATUS  | Added in 7.5   |
| KCRT_FG_CMQC_QC_ADMIN        | Added in 7.5   |

Table 4-1. Table changes (page 2 of 3)

| Table Name                     | Impact            |
|--------------------------------|-------------------|
| KCRT_FG_CMQC_QC_ADMIN_INT      | Added in 7.5      |
| KCRT_FG_CMQC_TEST_PROJECT      | Added in 7.5      |
| KCRT_FG_CMQC_TEST_PROJECT_INT  | Added in 7.5      |
| KCRT_FG_CMQC_TEST_STATUS       | Added in 7.5      |
| KCRT_FG_CMQC_TEST_STATUS_INT   | Added in 7.5      |
| KCRT_FG_SERVICE_REQUEST        | Deprecated in 7.5 |
| KCRT_FG_SERVICE_REQUEST_INT    | Deprecated in 7.5 |
| KCRT_RBU_TEMP_STEP_IDS         | Added in SPx      |
| KCRT_REQUEST_RSC_ACTUALS       | Added in 7.5      |
| KCRT_RT_REQUEST_RESOURCES      | Added in 7.5      |
| KCRT_TEMP_BATCH_UPDATE         | Added in SPx      |
| KDSH_DATA_SOURCE_FLTRS_BACKUP  | Deleted in SP5    |
| KDSH_DATA_SOURCES_BACKUP       | Deleted in SP5    |
| KNTA_PARAM_RULES_BACKUP        | Deleted in SP5    |
| KNTA_PORTLET_TYPE_FLTRS_BACKUP | Deleted in SP5    |
| KNTA_VALIDATION_FLTRS_BACKUP   | Deleted in SP5    |
| KNTA_VALIDATIONS_BACKUP        | Deleted in SP5    |
| KTMG_STATUS_TRANSACTIONS       | Deleted in SPx    |
| PM_EXCEPTION_RULE_CONFIG_PROPS | Deleted in SP5    |
| PM_EXCEPTION_RULE_CONFIGS      | Deleted in SP5    |
| PM_SCHD_CONST_VIOLATIONS       | Deleted in SP5    |



Table 4-1. Table changes (page 3 of 3)

| <b>Table Name</b>             | <b>Impact</b>  |
|-------------------------------|----------------|
| PM_TASK_OWNERS                | Deleted in SP5 |
| PM_TASK_SECURITYGROUPS        | Deleted in SP5 |
| PPM_MESSAGE_ITEM              | Added in 7.5   |
| PPM_NOTIFICATION_DETAILS      | Added in 7.5   |
| PPM_NOTIFICATION_RULE_RESULTS | Added in 7.5   |
| PPM_RESOURCE_SECURITY         | Added in 7.5   |
| PPM_RESOURCE_SETTINGS         | Added in 7.5   |
| REL_PROFILE                   | Deleted in SP5 |
| RSC_RESOURCE_WARNINGS         | Deleted in SP5 |
| RSC_RP_NOTIFICATION_SETUPS    | Added in 7.5   |
| RSC_SP_NOTIFICATION_SETUPS    | Added in 7.5   |
| SDI_LOG_DETAILS               | Added in 7.5   |
| SDI_SUMMARY_LOGS              | Added in 7.5   |
| TM_WORK_UNITS                 | Added in 7.5   |

Table 4-2. View changes (page 1 of 2)

| View Name                      | Impact         |
|--------------------------------|----------------|
| KCRT_REQ_DTL_EDIT_FKS_CHK_V    | Added in SPx   |
| KCRT_REQ_FG_EDIT_FLS_CHK_V     | Added in SPx   |
| KCRT_REQ_HDRDTL_EDIT_FLS_CHK_V | Added in SPx   |
| KCRT_REQ_HDR_EDIT_FLS_CHK_V    | Added in SPx   |
| KCRT_REQ_REFERENCES_ATTCH_V    | Added in SPx   |
| KCRT_REQ_REFERENCES_PKG_V      | Added in SPx   |
| KCRT_REQ_REFERENCES_PRG_V      | Added in SPx   |
| KCRT_REQ_REFERENCES_PRJ_V      | Added in SPx   |
| KCRT_REQ_REFERENCES_REL_V      | Added in SPx   |
| KCRT_REQ_REFERENCES_REQ_V      | Added in SPx   |
| KCRT_REQ_REFERENCES_TSK_V      | Added in SPx   |
| KCRT_REQ_REFERENCES_URL_V      | Added in SPx   |
| KCRT_REQ_UD_EDIT_FLS_CHK_V     | Added in SPx   |
| KCRT_REQUEST_RES_CREATE_V      | Added in 7.5   |
| KCRT_REQUEST_RES_EDIT_V        | Added in 7.5   |
| KCRT_REQUSET_TYPES5_MIGD_V     | Added in 7.5   |
| KCRT_RT_REQUEST_RESOURCES_V    | Added in 7.5   |
| KCRT_TIME_SHEET_STATUS_TXN_V   | Added in 7.5   |
| KTMG_STATUS_TRANSACTIONS_V     | Deleted in SPx |
| KTMG_TIME_SHEET_STATUS_TXN_V   | Deleted in SPx |

Table 4-2. View changes (page 2 of 2)

| View Name                    | Impact       |
|------------------------------|--------------|
| PPM_RESOURCE_SECURITY_MIGE_V | Added in 7.5 |
| PPM_RESOURCE_SECURITY_V      | Added in 7.5 |
| PPM_RESOURCE_SETTINGS_MIGE_V | Added in 7.5 |

## Synonyms

No appreciable changes were made to the synonyms.

## Entity Changes

The section describes the major changes to the HP–provided entities in version 7.5. Some changes were introduced in version 7.1 service packs and the particular service pack is identified. Service pack changes are noted through SP5 only—changes made in subsequent service packs are not specified. Annotations of SPx indicate that change was made in one of the first five version 7.1 service packs.

## Request Types

Table 4-3. Request type changes

| Entity Name  | Impact       |
|--|--------------|
| MAC - Defect Template with Quality Center Integration <sup>a</sup> | Added in 7.5 |
| MAC - Release Management <sup>a</sup>                              | Added in 7.5 |
| MAC - Request For Change (RFC) <sup>a</sup>                        | Added in 7.5 |

a. Included with the MAC installation software

## Access Grants

Table 4-5. Access grant changes

| Entity Name     | Impact       |
|-----------------|--------------|
| Create Programs | Added in SP5 |

## Workflows

Table 4-6. Workflow changes

| Entity Name  | Impact       |
|--|--------------|
| MAC - Change Migration <sup>a</sup>                                | Added in 7.5 |
| MAC - Defect Template with Quality Center Integration <sup>a</sup> | Added in 7.5 |
| MAC - Release Distribution <sup>a</sup>                            | Added in 7.5 |
| MAC - Release Request <sup>a</sup>                                 | Added in 7.5 |
| MAC - Request For Change <sup>a</sup>                              | Added in 7.5 |

a. Included with the MAC installation software

## Reports

Table 4-7. Report type changes

| Entity Name  | Impact       |
|--|--------------|
| MAC - Change Summary <sup>a</sup>                      | Added in 7.5 |
| MAC - Forward Schedule of Changes for RFC <sup>a</sup> | Added in 7.5 |
| MAC - Forward Schedule of Releases <sup>a</sup>        | Added in 7.5 |
| MAC - Release Content <sup>a</sup>                     | Added in 7.5 |
| MAC - Release Summary <sup>a</sup>                     | Added in 7.5 |
| MAC - Change Summary <sup>a</sup>                      | Added in 7.5 |

a. Included with the MAC installation software

Table 4-8. Portlet changes (page 1 of 2)

| Entity Name  | Impact       |
|--|--------------|
| EV Summary   | Added in 7.5 |
| Issues   | Added in 7.5 |
| MAC - Deployed Releases Portlet <sup>a</sup>         | Added in 7.5 |
| MAC - My Releases Portlet <sup>a</sup>               | Added in 7.5 |
| MAC - My RFCs Portlet <sup>a</sup>                   | Added in 7.5 |
| MAC - Open Releases Portlet <sup>a</sup>             | Added in 7.5 |
| MAC - Open RFCs Portlet <sup>a</sup>                 | Added in 7.5 |
| MAC - Releases By Category Portlet <sup>a</sup>      | Added in 7.5 |
| MAC - Releases By Type Portlet <sup>a</sup>          | Added in 7.5 |
| MAC - Releases Portlet <sup>a</sup>                  | Added in 7.5 |
| MAC - RFCs By Category Portlet <sup>a</sup>          | Added in 7.5 |
| MAC - RFCs By Reason for Change Portlet <sup>a</sup> | Added in 7.5 |
| MAC - RFCs By Status Portlet <sup>a</sup>            | Added in 7.5 |
| MAC - RFCs per Release Portlet <sup>a</sup>          | Added in 7.5 |
| Milestone Summary                                    | Added in 7.5 |
| Program Associations                                 | Added in 7.5 |
| Project Associations                                 | Added in 7.5 |
| Project Cost   | Added in 7.5 |
| Project Details                                      | Added in 7.5 |
| Project Exceptions                                   | Added in 7.5 |
| Project Participants                                 | Added in 7.5 |
| Project References                                   | Added in 7.5 |

Table 4-8. Portlet changes (page 2 of 2)

| Entity Name                | Impact         |
|----------------------------|----------------|
| Project Summary and Health | Added in 7.5   |
| Resource By Business Obj   | Deleted in SP5 |
| Risks                      | Added in 7.5   |
| Scope Changes              | Added in 7.5   |
| Staffing                   | Added in 7.5   |
| Time Approval              | Added in 7.5   |
| Work Plan                  | Added in 7.5   |

a. Included with the MAC installation software

## Tokens

Table 4-9. Token changes

| Entity Name                          | Impact       |
|--------------------------------------|--------------|
| Emails of Resources on a Request     | Added in 7.5 |
| Full names of Resources on a Request | Added in 7.5 |
| Parent Task ID                       | Added in SPx |
| Project Resources (Ids)              | Added in 7.5 |
| Summary Task Owners (Ids)            | Added in 7.5 |
| Usernames of Resources on a Request  | Added in 7.5 |

## Validations

Table 4-10. Validation changes (page 1 of 2)

| <b>Entity Name</b>   | <b>Impact</b>  |
|--|----------------|
| CRT - Compare Code   | Added in 7.5   |
| CRT - Date Conditions  | Added in 7.5   |
| CRT - Normal Conditions  | Added in 7.5   |
| CRT - Request List (Minus PFM Project Requests)                              | Added in SPx   |
| CRT - Request Types - Restricted TM Enabled (Excluding Project Request Type) | Added in 7.5   |
| CRT - Rule Results Fields for UI Rules                                       | Added in 7.5   |
| CRT - Rules Login  | Added in 7.5   |
| CST - Unsynced Budgets for project staffing profiles                         | Added in SPx   |
| Master Projects - Cost Enabled and Not New Without Security Check            | Added in SPx   |
| PFM - Projects with exact name without staffing profile                      | Added in SPx   |
| PPM - Rule Events For Simple Rules   | Added in 7.5   |
| PPM - Rule Events For TC   | Added in 7.5   |
| PPM - User Validations   | Added in 7.5   |
| PPM-Project Managers with PM license   | Added in SPx   |
| RPT - Applications   | Added in 7.5   |
| RPT - Request Workflows  | Deleted in 7.5 |
| RSC - Managed Resource Pool List   | Added in SPx   |
| RSC - Primary Org Units associated to Resource Pools                         | Added in 7.5   |
| RSC - Resource Pool Direct Member  | Added in SPx   |



Table 4-10. Validation changes (page 2 of 2)

| <b>Entity Name</b>                                | <b>Impact</b>  |
|---|----------------|
| RSC - Resource Pool Manager                       | Added in 7.5   |
| RSC - Staffing Profile for Resource Pool          | Added in SPx   |
| TM - Enabled projects that have active work plans | Added in 7.5   |
| TM-enabled projects that have active work plans   | Added in SPx   |
| TM-enabled projects that have active work plans   | Deleted in 7.5 |
| TMG - Time Sheet Details - Project Work Items     | Added in 7.5   |
| WF - Step Assigned To Dialog Token Types (SGs)    | Added in 7.5   |
| WF - Step Assigned To Dialog Token Types (Users)  | Added in 7.5   |
| WF Step - Assigned To Security Group Choices      | Added in 7.5   |
| WF Step - Assigned To User Choices                | Added in 7.5   |
| Yes or No Drop Down List - Short Meaning          | Added in SPx   |



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# 5 System Requirements and Configuration Updates

## Overview of System Modifications

This chapter highlights the system requirements changes and provides tables that identify the upgrade path and compatibility of the third-party products used with the PPM Center database, Extensions, and Migrators. Some changes were introduced in version 7.1 service packs and the particular service pack is identified. Service pack changes are noted through SP5 only—changes made in subsequent service packs are not specified.

## server.conf File Changes

The section describes the changes to the `server.conf` file in version 7.5. Some parameters were introduced in version 7.1 service packs and the particular service pack is indicated in brackets after the parameter name.

### Additions

The following `server.conf` file parameters have been added in this version. Unless otherwise noted, see the *System Administration Guide and Reference* for details about these parameters.

Table 5-1. New server.conf parameters (page 1 of 3)

| Parameter Name                                  | Brief Description   |
|---|---|
| APPROVERS_EVALUATIONS_INTERVAL                  | Controls the frequency of the TM Approvers Evaluations service.   |
| BUDGET_IN_THOUSAND_SHOW_DECIMAL [SP5]           | Indicates whether or not to display of budget values in thousands.  |
| CCM_MACHINE_URL <sup>a</sup>                    | Provides the URL of the Change Control Management server for integration with PPM Center.                 |
| DEFAULT_TIME_SHEET_LINES_VIEW_MODE              | Specifies the default view (grouped or ungrouped) for the display of work items on a time sheet.          |
| ENABLE_APPROVERS_EVALUATIONS                    | Indicates whether or not to enable the TM Approvers Evaluations service.                                  |
| ENABLE_MAC_SERVICE <sup>a</sup>                 | Indicates whether or not to enable the MAC service.   |
| ENABLE_QUALITY_CENTER_INTEGRATION <sup>a</sup>  | Indicates whether or not to enable integration with Quality Center.                                       |
| ENABLE_QUALITY_CENTER_METRICS_SYNC <sup>a</sup> | Indicates whether or not to enable the service that synchronizes PPM Center with Quality Center.          |
| ENABLE_RM_NOTIFICATION_SERVICE                  | Indicates whether or not to enable the staffing profile and resource pool notification service.           |
| ENABLE_TM_WORK_ITEM_MISC                        | Indicates whether or not to include Miscellaneous work items in the <b>Allowed work items types</b> list. |
| ENABLE_TM_WORK_ITEM_PACKAGES                    | Indicates whether or not to include Packages work items in the <b>Allowed work items types</b> list.      |
| ENABLE_TM_WORK_ITEM_PROJECTS                    | Indicates whether or not to include Project work items in the <b>Allowed work item types</b> list.        |

Table 5-1. New server.conf parameters (page 2 of 3)

| Parameter Name                    | Brief Description   |
|-----------------------------------|---|
| ENABLE_TM_WORK_ITEM_REQUESTS      | Indicates whether or not to include Request work items in the <b>Allowed work items types</b> list. |
| ENABLE_TM_WORK_ITEM_TASKS         | Indicates whether or not to include Task work items in the <b>Allowed work item types</b> list.     |
| LDAP_ENABLE_DEREFERENCING [SP3]   | Indicates whether or not to enable LDAP dereferencing.  |
| LDAP_PAGE_SIZE [SP4]              | Controls the page size of an LDAP query.  |
| MAC_LOG_SEVERITY <sup>a</sup>     | Controls the logging level for the MAC service.   |
| MAC_SERVICE_INTERVAL <sup>a</sup> | Controls how often the MAC service is run.  |
| MAM_MACHINE_PASSWORD <sup>a</sup> | Provides the encrypted Mercury Application Mapping user password.                                   |
| MAM_MACHINE_URL <sup>a</sup>      | Provides the URL of the Mercury Application Mapping server for integration with PPM Center.         |
| MAM_MACHINE_USER <sup>a</sup>     | Provides the Mercury Application Mapping user name.   |
| MAM_MACHINE_VERSION <sup>a</sup>  | Provides the version of Mercury Application Mapping.  |
| RM_MAX_RESOURCE_IN_POOL [SP5]     | Controls the maximum number of resources within resource pools.                                     |
| RM_NOTIFICATION_INTERVAL_MINUTES  | Controls the notification frequency for staffing profile and resource pool updates.                 |

Table 5-1. New server.conf parameters (page 3 of 3)

| Parameter Name                        | Brief Description  |
|---------------------------------------|--|
| RM_OVERRIDE_ASSIGNMENT_CONTROLS [SP5] | Indicates whether or not to enable overrides of the assignment controls, |
| SQLPLUS_ESCAPE_CHARACTER              | Provides the SQL*Plus escape character.                                  |

a. For details about this parameter, see the *HP Managing Application Change Guide*.

### Deletions

The following `server.conf` file parameters are no longer supported:

- RESOURCE\_CACHE\_SIZE [SP5]
- RESOURCE\_POOL\_CACHE\_SIZE [SP5]
- RESOURCE\_POOL\_CACHE\_TIMEOUT [SP5]

## Disk Space Requirements

Disk space requirements for the PPM Server have increased. See the *System Requirements and Compatibility Matrix* for details.

## Script Changes

A new script, `kChangeNameDisplay.sh`, changes the display format of the names of PPM Center users. The display options include:

- First Last
- Last, First
- LastFirst

# Oracle Database Compatibility

The following tables (*Table 5-2* through *Table 5-7*) provide an overview of the Oracle database versions supported for the PPM Server in PPM Center versions 6.0, 7.0, 7.1, and 7.5. Refer to each *System Requirements and Compatibility Matrix* document for additional details specific to these versions.

Environments that are *not* supported in version 7.5 are shown in the lightly shaded areas. Combinations shown in unshaded areas are supported for PPM Center version 7.5 and may coincide with earlier supported environments.



All installed Oracle versions should include the most recent patches and follow the guidelines provided in the latest *Critical Patch Update*. This information is available from <https://metalink.oracle.com>.

Table 5-2. Oracle database and Microsoft Windows® platform support for PPM Center versions (page 1 of 2)

| Oracle Version         | Windows 2000 Server   | Windows 2000 Advanced Server | Windows Server 2003 SP1, Standard Edition              | Windows Server 2003 SP1, Enterprise Edition <sup>a</sup> | Windows Server 2003 R2, Enterprise Edition <sup>a</sup> | Windows Server 2003 R2 SP2 Enterprise Edition <sup>a</sup> |
|------------------------|-----------------------|------------------------------|--|--|---|--|
| 9.2.0.5<br>9.2.0.5 RAC | 6.0                   | 6.0                          | 6.0  | 6.0  |   |  |
| 9.2.0.6<br>9.2.0.6 RAC | 6.0 SP2<br>(or later) | 6.0 SP2<br>(or later)        | 6.0 SP2<br>(or later)                                  | 6.0 SP2<br>(or later)                                    | 6.0 SP10<br>(or later)                                  |  |
| 9.2.0.7<br>9.2.0.7 RAC | 6.0 SP9<br>(or later) | 6.0 SP9<br>(or later)        | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5               | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5              | 7.5  |
| 9.2.0.8<br>9.2.0.8 RAC |                       |                              | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5   | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5  | 7.5  |

Table 5-2. Oracle database and Microsoft Windows® platform support for PPM Center versions  
(page 2 of 2)

| Oracle Version           | Windows 2000 Server | Windows 2000 Advanced Server | Windows Server 2003 SP1, Standard Edition | Windows Server 2003 SP1, Enterprise Edition <sup>a</sup> | Windows Server 2003 R2, Enterprise Edition <sup>a</sup> | Windows Server 2003 R2 SP2, Enterprise Edition <sup>a</sup> |
|--------------------------|---------------------|------------------------------|---|--|---|---|
| 10.1.0.3<br>10.1.0.3 RAC | 6.0                 | 6.0                          | 6.0<br>7.0<br>7.1<br>7.5                  | 6.0<br>7.0<br>7.1<br>7.5                                 | 6.0 SP10 (or later)<br>7.0<br>7.1<br>7.5                | 7.5   |
| 10.1.0.4<br>10.1.0.4 RAC | 6.0 SP9 (or later)  | 6.0 SP9 (or later)           | 6.0 SP9 (or later)<br>7.0<br>7.1<br>7.5   | 6.0 SP9 (or later)<br>7.0<br>7.1<br>7.5                  | 6.0 SP10 (or later)<br>7.0<br>7.1<br>7.5                | 7.5   |
| 10.1.0.5<br>10.1.0.5 RAC | 6.0 SP14 (or later) | 6.0 SP14 (or later)          | 6.0 SP14 (or later)<br>7.1<br>7.5         | 6.0 SP14 (or later)<br>7.1<br>7.5                        | 6.0 SP14 (or later)<br>7.1<br>7.5                       | 7.5   |
| 10.2.0.2<br>10.2.0.2 RAC | 6.0 SP10 (or later) | 6.0 SP10 (or later)          | 6.0 SP10 (or later)<br>7.0<br>7.1<br>7.5  | 6.0 SP10 (or later)<br>7.0<br>7.1<br>7.5                 | 6.0 SP10 (or later)<br>7.0<br>7.1<br>7.5                | 7.5   |
| 10.2.0.3<br>10.2.0.3 RAC |                     |                              | 7.1 SP3 (or later)<br>7.5                 | 7.1 SP3 (or later)<br>7.5                                | 7.1 SP3 (or later)<br>7.5                               | 7.5   |
| 10.2.0.4<br>10.2.0.4 RAC |                     |                              | 7.1 SP8 (or later)<br>7.5 SP3 (or later)  | 7.1 SP8 (or later)<br>7.5 SP3 (or later)                 | 7.1 SP8 (or later)<br>7.5 SP3 (or later)                | 7.5 SP3 (or later)  |

a. Includes both 32- and 64-bit support for version 7.5.



Table 5-3. Oracle database and Sun Solaris platform support for PPM Center versions (page 1 of 2)

| Oracle Version           | Solaris 8              | Solaris 9  | Solaris 10   |
|--------------------------|------------------------|--|--|
| 9.2.0.5<br>9.2.0.5 RAC   | 6.0                    | 6.0  | 6.0 SP9<br>(or later)                                  |
| 9.2.0.6<br>9.2.0.6 RAC   | 6.0 SP2<br>(or later)  | 6.0 SP2<br>(or later)                                  | 6.0 SP9<br>(or later)                                  |
| 9.2.0.7<br>9.2.0.7 RAC   | 6.0 SP9<br>(or later)  | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             |
| 9.2.0.8<br>9.2.0.8 RAC   | 6.0 SP15<br>(or later) | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 |
| 10.1.0.3<br>10.1.0.3 RAC | 6.0                    | 6.0<br>7.0<br>7.1<br>7.5                               | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             |
| 10.1.0.4<br>10.1.0.4 RAC | 6.0 SP9<br>(or later)  | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             |
| 10.1.0.5<br>10.1.0.5 RAC | 6.0 SP14<br>(or later) | 6.0 SP14<br>(or later)<br>7.1<br>7.5                   | 6.0 SP14<br>(or later)<br>7.1<br>7.5                   |

Table 5-3. Oracle database and Sun Solaris platform support for PPM Center versions (page 2 of 2)

| Oracle Version           | Solaris 8              | Solaris 9                                      | Solaris 10                                     |
|--------------------------|------------------------|--|--|
| 10.2.0.1<br>10.2.0.1 RAC | 6.0 SP10<br>(or later) | 6.0 SP10<br>(or later)<br>7.0<br>7.1<br>7.5    | 6.0 SP10<br>(or later)<br>7.0<br>7.1<br>7.5    |
| 10.2.0.2<br>10.2.0.2 RAC | 6.0 SP13<br>(or later) | 6.0 SP13<br>(or later)<br>7.0<br>7.1<br>7.5    | 6.0 SP13<br>(or later)<br>7.0<br>7.1<br>7.5    |
| 10.2.0.3<br>10.2.0.3 RAC |                        | 7.1 SP3<br>(or later)<br>7.5                   | 7.1 SP3<br>(or later)<br>7.5                   |
| 10.2.0.4<br>10.2.0.4 RAC |                        | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) |

Table 5-4. Oracle database and HP-UX platform support for PPM Center versions (page 1 of 2)

| Oracle Version           | HP-UX 11i v1   | HP-UX 11i v2 <sup>a</sup>                              | HP-UX 11i v3 <sup>a</sup>    |
|--------------------------|--|--|------------------------------|
| 9.2.0.5<br>9.2.0.5 RAC   | 6.0  | 6.0 SP11<br>(or later)                                 |                              |
| 9.2.0.6<br>9.2.0.6 RAC   | 6.0 SP2<br>(or later)                                  | 6.0 SP11<br>(or later)                                 |                              |
| 9.2.0.7<br>9.2.0.7 RAC   | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5            | 7.5                          |
| 9.2.0.8<br>9.2.0.8 RAC   | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 | 7.5                          |
| 10.1.0.3<br>10.1.0.3 RAC | 6.0<br>7.0<br>7.1<br>7.5                               | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5            | 7.1 SP4<br>(or later)<br>7.5 |
| 10.1.0.4<br>10.1.0.4 RAC | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5            | 7.1 SP4<br>(or later)<br>7.5 |
| 10.1.0.5<br>10.1.0.5 RAC | 6.0 SP14<br>(or later)<br>7.1<br>7.5                   | 6.0 SP14<br>(or later)<br>7.1<br>7.5                   | 7.1 SP4<br>(or later)<br>7.5 |

Table 5-4. Oracle database and HP-UX platform support for PPM Center versions (page 2 of 2)

| Oracle Version           | HP-UX 11i v1                                   | HP-UX 11i v2 <sup>a</sup>                      | HP-UX 11i v3 <sup>a</sup>                      |
|--------------------------|--|--|--|
| 10.2.0.1<br>10.2.0.1 RAC | 6.0 SP10<br>(or later)<br>7.0<br>7.1<br>7.5    | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5    | 7.1 SP4<br>(or later)<br>7.5                   |
| 10.2.0.2<br>10.2.0.2 RAC | 6.0 SP13<br>(or later)<br>7.0<br>7.1<br>7.5    | 6.0 SP13<br>(or later)<br>7.0<br>7.1<br>7.5    | 7.1 SP4<br>(or later)<br>7.5                   |
| 10.2.0.3<br>10.2.0.1 RAC | 7.1 SP3<br>(or later)<br>7.5                   | 7.1 SP3<br>(or later)<br>7.5                   | 7.1 SP4<br>(or later)<br>7.5                   |
| 10.2.0.4<br>10.2.0.4 RAC | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) |

a. Includes both PA-RISC and Itanium support for version 7.5 on HP-UX 11i v2 and v3.

Table 5-5. Oracle database and SUSE Linux platform support for PPM Center versions (page 1 of 2)

| Oracle Version           | SUSE Linux Enterprise 9                                | SUSE Linux Enterprise 10 |
|--------------------------|--|--------------------------|
| 9.2.0.7<br>9.2.0.7 RAC   | 6.0 SP12<br>(or later)<br>7.0<br>7.1<br>7.5            | 7.5                      |
| 9.2.0.8<br>9.2.0.8 RAC   | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 | 7.5                      |
| 10.1.0.3<br>10.1.0.3 RAC | 6.0 SP12<br>(or later)<br>7.0<br>7.1<br>7.5            | 7.5                      |
| 10.1.0.4<br>10.1.0.4 RAC | 6.0 SP12<br>(or later)<br>7.0<br>7.1<br>7.5            | 7.5                      |
| 10.1.0.5<br>10.1.0.5 RAC | 6.0 SP14<br>(or later)<br>7.1<br>7.5                   | 7.5                      |
| 10.2.0.1<br>10.2.0.1 RAC | 7.1<br>7.5   | 7.5                      |

Table 5-5. Oracle database and SUSE Linux platform support for PPM Center versions (page 2 of 2)

| Oracle Version           | SUSE Linux Enterprise 9                        | SUSE Linux Enterprise 10 |
|--------------------------|--|--------------------------|
| 10.2.0.2<br>10.2.0.2 RAC | 6.0 SP13<br>(or later)<br>7.0<br>7.1<br>7.5    | 7.5                      |
| 10.2.0.3<br>10.2.0.3 RAC | 7.1 SP3<br>(or later)<br>7.5                   | 7.5                      |
| 10.2.0.4<br>10.2.0.4 RAC | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) | 7.5 SP3<br>(or later)    |

Table 5-6. Oracle database and IBM AIX platform support for PPM Center versions (page 1 of 2)

| Oracle Version           | AIX 5L Version 5.2                                     | AIX 5L Version 5.3                                     |
|--------------------------|--|--|
| 9.2.0.5<br>9.2.0.5 RAC   | 6.0  | 6.0 SP11<br>(or later)                                 |
| 9.2.0.6<br>9.2.0.6 RAC   | 6.0 SP2<br>(or later)                                  | 6.0 SP11<br>(or later)                                 |
| 9.2.0.7<br>9.2.0.7 RAC   | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5            |
| 9.2.0.8<br>9.2.0.8 RAC   | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later)<br>7.5 |
| 10.1.0.3<br>10.1.0.3 RAC | 6.0<br>7.0<br>7.1<br>7.5                               | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5            |
| 10.1.0.4<br>10.1.0.4 RAC | 6.0 SP9<br>(or later)<br>7.0<br>7.1<br>7.5             | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5            |
| 10.1.0.5<br>10.1.0.5 RAC | 6.0 SP14<br>(or later)<br>7.1<br>7.5                   | 6.0 SP14<br>(or later)<br>7.1<br>7.5                   |

Table 5-6. Oracle database and IBM AIX platform support for PPM Center versions (page 2 of 2)

| Oracle Version           | AIX 5L<br>Version 5.2                          | AIX 5L<br>Version 5.3                          |
|--------------------------|--|--|
| 10.2.0.2<br>10.2.0.2 RAC | 6.0 SP10<br>(or later)<br>7.0<br>7.1<br>7.5    | 6.0 SP11<br>(or later)<br>7.0<br>7.1<br>7.5    |
| 10.2.0.3<br>10.2.0.3 RAC | 7.1 SP3<br>(or later)<br>7.5                   | 7.1 SP3<br>(or later)<br>7.5                   |
| 10.2.0.4<br>10.2.0.4 RAC | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) |



Table 5-7. Oracle database and Red Hat Linux platform support for PPM Center versions (page 1 of 2)

| Oracle Version           | Red Hat Linux Advanced Server 2.1 | Red Hat Enterprise Linux AS 3.0                 | Red Hat Enterprise Linux AS 4.0 | Red Hat Enterprise Linux AS 5.0 |
|--------------------------|-----------------------------------|---|---------------------------------|---------------------------------|
| 9.2.0.5<br>9.2.0.5 RAC   | 6.0                               | 6.0   |                                 |                                 |
| 9.2.0.6<br>9.2.0.6 RAC   | 6.0 SP2<br>(or later)             | 6.0 SP2<br>(or later)                           |                                 |                                 |
| 9.2.0.7<br>9.2.0.7 RAC   | 6.0 SP9<br>(or later)             | 6.0 SP9<br>(or later)<br>7.0<br>7.1             | 7.0<br>7.1                      | 7.5                             |
| 9.2.0.8<br>9.2.0.8 RAC   | 6.0 SP15<br>(or later)            | 6.0 SP15<br>(or later)<br>7.1 SP1<br>(or later) | 7.1 SP1<br>(or later)           | 7.5                             |
| 10.1.0.3<br>10.1.0.3 RAC | 6.0                               | 6.0<br>7.0<br>7.1                               | 7.0<br>7.1<br>7.5               | 7.5                             |
| 10.1.0.4<br>10.1.0.4 RAC | 6.0 SP9<br>(or later)             | 6.0 SP9<br>(or later)<br>7.0<br>7.1             | 7.0<br>7.1<br>7.5               | 7.5                             |
| 10.1.0.5<br>10.1.0.5 RAC | 6.0 SP14<br>(or later)            | 6.0 SP14<br>(or later)<br>7.1                   | 7.1<br>7.5                      | 7.5                             |
| 10.2.0.1<br>10.2.0.1 RAC | 6.0 SP10<br>(or later)            | 6.0 SP10<br>(or later)<br>7.0<br>7.1            | 7.0<br>7.1<br>7.5               | 7.5                             |

Table 5-7. Oracle database and Red Hat Linux platform support for PPM Center versions (page 2 of 2)

| Oracle Version           | Red Hat Linux Advanced Server 2.1 | Red Hat Enterprise Linux AS 3.0      | Red Hat Enterprise Linux AS 4.0                | Red Hat Enterprise Linux AS 5.0 |
|--------------------------|-----------------------------------|--------------------------------------|--|---------------------------------|
| 10.2.0.2<br>10.2.0.2 RAC | 6.0 SP13<br>(or later)            | 6.0 SP13<br>(or later)<br>7.0<br>7.1 | 7.0<br>7.1<br>7.5                              | 7.5                             |
| 10.2.0.3<br>10.2.0.3 RAC |                                   | 7.1 SP3<br>(or later)                | 7.1 SP3<br>(or later)<br>7.5                   | 7.5                             |
| 10.2.0.4<br>10.2.0.4 RAC |                                   | 7.1 SP8<br>(or later)                | 7.1 SP8<br>(or later)<br>7.5 SP3<br>(or later) | 7.5 SP3<br>(or later)           |

# Extensions and Migrators

## HP Deployment Management Extension for Oracle E-Business Suite

*Table 5-8* details the versions of Oracle E-Business Suite that are supported by the various versions of the HP Deployment Management Extension for Oracle E-Business Suite and PPM Center.

Versions that are *not* supported on PPM Center version 7.5 are shown in the lightly shaded areas. Combinations shown in unshaded areas are supported for PPM Center version 7.5.

Table 5-8. E-Business Suite and HP Deployment Management Extension for Oracle E-Business Suite versions supported on PPM Center (page 1 of 2)

| Oracle E-Business Suite Version  | Mercury Change Management Extension for Oracle E-Business Suite Version 6.0.0 | HP Deployment Management Extension for Oracle E-Business Suite Version 7.0.0 | HP Deployment Management Extension for Oracle E-Business Suite Version 7.1.0 | HP Deployment Management Extension for Oracle E-Business Suite Version 7.5.0 |
|--|---|--|--|--|
| 10.7   | 6.0 <sup>c</sup>  |  |  |  |
| 11–11.5.6  | 6.0 <sup>c</sup>  | 7.0  | 7.1 <sup>e</sup>   | 7.5  |
| 11.5.7<br>Application Object Library: FND.E<br>Applications DBA: AD.F<br>Common Modules: AK.D<br>Financials Suite: Family Pack A | 6.0 <sup>c</sup>  | 7.0  | 7.1 <sup>e</sup>   | 7.5  |
| 11.5.8<br>Application Object Library: FND.F<br>Applications DBA: AD.G<br>Common Modules: AK.E<br>Financials Suite: Family Pack C | 6.0 <sup>c</sup>  | 7.0  | 7.1 <sup>e</sup>   | 7.5  |

Table 5-8. E-Business Suite and HP Deployment Management Extension for Oracle E-Business Suite versions supported on PPM Center (page 2 of 2)

| Oracle E-Business Suite Version  | Mercury Change Management Extension for Oracle E-Business Suite Version 6.0.0 | HP Deployment Management Extension for Oracle E-Business Suite Version 7.0.0 | HP Deployment Management Extension for Oracle E-Business Suite Version 7.1.0 | HP Deployment Management Extension for Oracle E-Business Suite Version 7.5.0 |
|--|---|--|--|--|
| 11.5.9 <sup>a</sup><br>Application Object Library: FND.G<br>Applications DBA: AD.H<br>Common Modules: AK.F<br>Financials Suite: Family Pack D            | 6.0 <sup>c</sup>  | 7.0  | 7.1 <sup>e</sup>   | 7.5  |
| 11.5.10 <sup>a, b</sup><br>Application Object Library: FND.H<br>Applications DBA: AD.I<br>Common Modules: AK.G<br>Financials Suite: Family Pack F        | 6.0 <sup>d</sup>  | 7.0  | 7.1 <sup>e</sup>   | 7.5  |
| 11.5.10.2 (CU2) <sup>b</sup><br>Application Object Library: FND.H<br>Applications DBA: AD.I.3<br>Common Modules: AK.G<br>Financials Suite: Family Pack F | 6.0 <sup>d</sup>  | 7.0  | 7.1 <sup>e</sup>   | 7.5  |
| Release 12<br>12.0.0–12.0.4<br>Applications Technology: R12.ATG_P<br>PF.A–<br>R12.ATG_P.F.A.DELTA.4<br>Applications DBA: R12.AD.A–<br>R12.AD.A.DELTA.4   |   |  | 7.1 <sup>f</sup>   | 7.5  |

- a. 11.5.8 with the FND.G Mini Pack is functionally equivalent to 11.5.9.
- b. 11.5.8-11.5.9 with the FND.H Mini Pack is functionally equivalent to 11.5.10.
- c. Use of HP Deployment Management Extension for Oracle E-Business Suite 6.0.0 EOESP1 is also supported.
- d. Use of HP Deployment Management Extension for Oracle E-Business Suite 6.0.0 EOESP1 is *required*.
- e. Use of HP Deployment Management Extension for Oracle E-Business Suite 7.1.0 EOESP1 is also supported.
- f. Use of HP Deployment Management Extension for Oracle E-Business Suite 7.1.0 EOESP1 is *required*.

## HP Object Migrator and Mercury GL Migrator

*Table 5-9* details the versions of Oracle E-Business Suite that are supported by the various versions of the Migrators and the HP Deployment Management Extension for Oracle E-Business Suite.

Versions that are *not* supported on PPM Center version 7.5 are shown in the lightly shaded areas. Combinations shown in unshaded areas are supported for PPM Center version 7.5.

Table 5-9. Oracle E-Business Suite and HP Migrator versions supported on HP Deployment Management Extension for Oracle E-Business Suite (page 1 of 2)

| Oracle E-Business Suite Version  | Kintana Object* Migrator Version 5.1 | Mercury Object Migrator Version 6.0 | HP Object Migrator Version 7.5 | Kintana GL* Migrator Version 2.0 | Mercury GL Migrator Version 6.0 |
|--|--------------------------------------|-------------------------------------|--------------------------------|----------------------------------|---------------------------------|
| 10.7   | 6.0.0 <sup>e</sup>                   | 6.0.0 <sup>e</sup>                  |                                | 6.0.0                            | 6.0.0                           |
| 11–11.5.1  | 6.0.0 <sup>e</sup>                   | 6.0.0 <sup>e</sup>                  | 7.1.0 <sup>g</sup>             | 6.0.0                            | 6.0.0                           |
|  | 7.0.0                                | 7.0.0                               |                                | 7.0.0                            | 7.0.0                           |
|  | 7.1.0                                | 7.1.0                               |                                | 7.1.0                            | 7.1.0                           |
| 11.5.2–11.5.6  | 7.5.0                                | 7.5.0                               | 7.5.0                          | 7.5.0                            | 7.5.0                           |
|  | 6.0.0 <sup>e</sup>                   | 6.0.0 <sup>e</sup>                  | 7.1.0 <sup>g</sup>             |                                  | 6.0.0                           |
|  | 7.0.0                                | 7.0.0                               |                                | 7.0.0                            | 7.0.0                           |
|  | 7.1.0                                | 7.1.0                               |                                | 7.1.0                            | 7.1.0                           |
| 11.5.7<br>Application Object Library: FND.E<br>Applications DBA: AD.F<br>Common Modules: AK.D<br>Financials Suite: Family Pack A | 7.5.0                                | 7.5.0                               | 7.5.0                          |                                  | 7.5.0                           |
|  | 6.0.0 <sup>e</sup>                   | 6.0.0 <sup>e</sup>                  | 7.1.0 <sup>g</sup>             |                                  | 6.0.0                           |
|  | 7.0.0                                | 7.0.0                               |                                | 7.0.0                            | 7.0.0                           |
|  | 7.1.0                                | 7.1.0                               |                                | 7.1.0                            | 7.1.0                           |
| 11.5.8<br>Application Object Library: FND.F<br>Applications DBA: AD.G<br>Common Modules: AK.E<br>Financials Suite: Family Pack C | 7.5.0                                | 7.5.0                               | 7.5.0                          |                                  | 7.5.0                           |
|  | 6.0.0 <sup>e</sup>                   | 6.0.0 <sup>e</sup>                  | 7.1.0 <sup>g</sup>             |                                  | 6.0.0                           |
|  | 7.0.0                                | 7.0.0                               |                                | 7.0.0                            | 7.0.0                           |
|  | 7.1.0                                | 7.1.0 <sup>g</sup>                  |                                | 7.1.0 <sup>g</sup>               | 7.1.0                           |

Table 5-9. Oracle E-Business Suite and HP Migrator versions supported on HP Deployment Management Extension for Oracle E-Business Suite (page 2 of 2)

| Oracle E-Business Suite Version                                     | Kintana Object* Migrator Version 5.1 | Mercury Object Migrator Version 6.0 | HP Object Migrator Version 7.5 | Kintana GL* Migrator Version 2.0 | Mercury GL Migrator Version 6.0 |
|---|--------------------------------------|-------------------------------------|--------------------------------|----------------------------------|---------------------------------|
| 11.5.9 <sup>a</sup>   | 6.0.0 <sup>e</sup>                   | 6.0.0 <sup>e</sup>                  |                                |                                  | 6.0.0                           |
| Application Object Library: FND.G                                   | 7.0.0                                | 7.0.0                               | 7.1.0 <sup>g</sup>             |                                  | 7.0.0                           |
| Applications DBA: AD.H  | 7.1.0                                | 7.1.0 <sup>g</sup>                  |                                |                                  | 7.1.0                           |
| Common Modules: AK.F  |                                      |                                     |                                |                                  |                                 |
| Financials Suite: Family Pack D                                     | 7.5.0                                | 7.5.0                               | 7.5.0                          |                                  | 7.5.0                           |
| 11.5.10 with FND.H Mini Pack <sup>a, b, d</sup>                     |                                      | 6.0.0 <sup>f</sup>                  |                                |                                  | 6.0.0                           |
| Application Object Library: FND.H                                   |                                      | 7.0.0                               | 7.1.0 <sup>g</sup>             |                                  | 7.0.0                           |
| Applications DBA:AD.I   |                                      | 7.1.0 <sup>g</sup>                  |                                |                                  | 7.0.0                           |
| Common Modules: AK.G  |                                      |                                     |                                |                                  |                                 |
| Financials Suite: Family Pack F                                     |                                      | 7.5.0                               | 7.5.0                          |                                  | 7.5.0                           |
| 11.5.10.2 (CU2) <sup>c, d</sup>                                     |                                      | 6.0.0 <sup>f</sup>                  |                                |                                  | 6.0.0                           |
| Application Object Library:FND.H                                    |                                      | 7.0.0                               | 7.1.0 <sup>g</sup>             |                                  | 7.0.0                           |
| Applications DBA: AD.I.3  |                                      | 7.1.0 <sup>g</sup>                  |                                |                                  | 7.1.0                           |
| Common Modules: AK.G  |                                      |                                     |                                |                                  |                                 |
| Financials Suite: Family Pack F                                     |                                      | 7.5.0                               | 7.5.0                          |                                  | 7.5.0                           |
| Release 12<br>12.0.0–12.0.4   |                                      |                                     | 7.1.0 <sup>h</sup>             |                                  |                                 |
| Applications Technology:<br>R12.ATG_P.F.A–<br>R12.ATG_P.F.A.DELTA.4 |                                      |                                     | 7.5.0                          |                                  |                                 |
| Applications DBA: R12.AD.A–<br>R12.AD.A.DELTA.4                     |                                      |                                     |                                |                                  |                                 |

- a. 11.5.8 with the FND.G Mini Pack is functionally equivalent to 11.5.9.
- b. 11.5.8-11.5.9 with the FND.H Mini Pack is functionally equivalent to 11.5.10 (for HP Object Migrator).  
11.5.8-11.5.9 with the Financials Family Pack F is functionally equivalent to 11.5.10 (for HP GL Migrator).
- c. See the HP Object Migrator Oracle Apps Version 11.5.10.2 Compatibility Patch (#174141) readme for details.
- d. Support for the Oracle Applications E-Business Suite version 11.5.10 with the 10G database version requires installation of patch154770. See the HP Object Migrator Version 6.0 Database version 10G Compatibility Patch (#154770) readme for details.
- e. Use of HP Deployment Management Extension for Oracle E-Business Suite 6.0.0 EOESP1 is also supported.
- f. Use of HP Deployment Management Extension for Oracle E-Business Suite 6.0.0 EOESP1 is *required*.
- g. Use of HP Deployment Management Extension for Oracle E-Business Suite 7.1.0 EOESP1 is also supported.
- h. Use of HP Deployment Management Extension for Oracle E-Business Suite 7.1.0 EOESP1 is *required*.

## HP Deployment Management Extension for Oracle Technology

Other than support for migrating Oracle Forms 10G files and Oracle Reports 10G files from one Oracle instance to another has been added, there have been no changes in the supported Oracle Technology versions.

## HP Deployment Management Extension for SAP Solutions

There are no changes in the supported SAP modules, archives, and platforms in the HP Deployment Management Extension for SAP Solutions in PPM Center version 7.5.

## HP Deployment Management Extension for PeopleSoft Enterprise

The HP Deployment Management Extension for PeopleSoft Enterprise is not supported for version 7.5 of PPM Center.





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