

HP Project and Portfolio Management Center

Software Version: 9.10

What's New and What's Changed

Document Release Date: September 2010

Software Release Date: September 2010



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Documentation Updates

This manual's title page contains the following identifying information:

- Software version number, which indicates the software version
- Document release date, which changes each time the document is updated
- Software release date, which indicates the release date of this version of the software

To check for recent updates, or to verify that you are using the most recent edition of a document, go to:

h20230.www2.hp.com/selfsolve/manuals

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Why version number 9.10?

PPM Center is an integrated part of the HP BTO Operations version 9 portfolio. Using this version number aligns PPM Center with other products that are releasing in the same time frame. PPM Center 9.10 builds on PPM Center 8.0x and is an extension of that product version family. Product releases within the HP BTO Operations version 9 portfolio will feature shared technology, common platforms, integrations, solutions, upgrade tools, and professional services offerings.

Support

You can visit the HP Software Support Web site at:

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HP Software Support Online provides an efficient way to access interactive technical support tools. As a valued support customer, you can benefit by using the support site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require a support contract.

To find more information about access levels, go to:

h20230.www2.hp.com/new_access_levels.jsp

To register for an HP Passport ID, go to:

h20229.www2.hp.com/passport-registration.html

Contents

1	Introduction to PPM Center Version 9.10	9
	Highlights	9
	HP Portfolio Management	10
	HP Resource Management	10
	HP Time Management	10
	HP Financial Management	11
	HP Program Management	11
	HP Project Management	12
	Web Services	12
	Integrations	12
	Solutions	13
	Upgrade Considerations	13
	Changed and New Document Titles	14
	Related Information	14
2	New and Enhanced Features and Functionality	17
	Overview of Additions and Changes	17
	Supported Languages	17
	Usability Enhancements	18
	Admin Console Interface	18
	Portlet Field Lengths	19
	Operational Reporting Solution	19
	Out-of-the-Box Operational Reports	20
	Customized Operational Reports	20
	HP Portfolio Management	21
	Hierarchical Portfolios	21
	HP Resource Management	22
	Promised Allocations	22

Clear Future Forecast and Assignments	22
Analyze Assignment Load	23
Locked Staffing Profiles	23
Staffing Profile Scrollbar Position.	23
HP Time Management	24
Allowing or Prohibiting Time Sheets with Empty Lines	24
Option for Users to Copy Items from My Items List Rather Than a Previous Time Sheet When They Create a Time Sheet.	24
Entry of Time in Units of Days on Time Sheets	24
Dynamic Expansion of Item Column on Time Sheets	25
Optionally Requiring Users to Enter % Complete on Tasks	25
HP Financial Management	25
Program Financial Summaries	25
Lifecycle Entity Financial Summaries	26
Viewing and Adding Notes to a Financial Summary	26
Financial Summary Audit Trail.	27
Financial Comparison and Financial Summary to Financial Data Table Comparison Portlets	27
Editable Validations for Avoidance and Revenue Benefit Categories	27
HP Program Management	28
Program Overview Page	28
Lifecycle Entities.	28
Adding Programs to Portfolios	29
Program Financial Summaries	29
Searching for Programs	29
Creating a Program	29
Program-Level Risks	30
Program Cost Summary Portlet.	30
Program Project List Portlet	30
Program List and Program Contents List Portlets.	30
HP Project Management	31
Work Plans	31
Integrating with Microsoft Project	32
Associated Programs	33
Optionally Requiring Users to Enter % Complete on Tasks	33
Search Tasks Page	33
HP Demand Management	34
Editing Project Requests	34
Administration and Performance Improvements	34

Performance Improvements	34
Web Services	34
HP Resource Management	34
HP Time Management	35
HP Portfolio Management	35
HP Program Management	36
HP Solution Integrations	36
Application Lifecycle Management	36
Service Portfolio	37
Integration of Work Plan Tasks with HP Service Manager RFCs	38
3 Upgrade Impacts	39
Overview of Upgrade Considerations	39
Upgrade Path	39
Oracle Database Compatibility	40
Microsoft Windows	40
Sun Solaris	41
HP-UX	41
IBM AIX	42
Red Hat Linux	42
SUSE Linux	43
Extensions and Migrators Compatibility	44
HP Deployment Management Extension for Oracle E-Business Suite	44
HP Object Migrator and Mercury GL Migrator	46
HP Deployment Management Extension for Oracle Technology	48
HP Deployment Management Extension for SAP Solutions	48
Customized Solutions	48
Data Model Changes	49
Tables	49
Views	56
Entity Changes	57
Access Grants	57
Licenses	58
Portlets	58
Report Types	59
Request Header Type Field Groups	59
Request Types	59
Special Commands	59

Validations.....	60
Workflows.....	60
4 System Requirements and Configuration Updates.....	61
Overview of System Modifications.....	61
server.conf File Changes.....	61
Additions and Modifications.....	61
Deletions.....	65
Index.....	67

1 Introduction to PPM Center Version 9.10

Highlights

This version of the HP Project and Portfolio Management Center (PPM Center) product features enhancements in the following key areas:

- Usability enhancements
- HP Portfolio Management
- HP Resource Management
- HP Time Management
- HP Financial Management
- HP Program Management
- HP Project Management
- Web services
- Integrations updates
- Solutions updates

Highlights of the changes in each area, as compared to version 8.00, are described in the following sections. Each bullet is a link to the section in [Chapter 2, *New and Enhanced Features and Functionality*, on page 17](#) that provides details about the change. For more information, also see the relevant product guides.



Many new features and changes introduced in version 7.5 service packs (SP4, SP5, and SP6) and version 8.00.01 (8.00 SP1) are included in version 9.10. However, the service pack in which a feature was introduced is not necessarily identified in this document. For more details about service pack content, see the version 7.5 and version 8.00 *Release Notes* for each service pack.

HP Portfolio Management

The following are key enhancements to HP Portfolio Management:

- *Hierarchical Portfolios*

HP Resource Management

The following are key enhancements to HP Resource Management:

- *Promised Allocations*
- *Clear Future Forecast and Assignments*
- *Analyze Assignment Load*
- *Locked Staffing Profiles*
- *Staffing Profile Scrollbar Position*

HP Time Management

The following are key enhancements to HP Time Management:

- *Allowing or Prohibiting Time Sheets with Empty Lines*
- *Entry of Time in Units of Days on Time Sheets*
- *Dynamic Expansion of Item Column on Time Sheets*
- *Optionally Requiring Users to Enter % Complete on Tasks*

HP Financial Management

The following are key enhancements to HP Financial Management:

- *Program Financial Summaries*
- *Lifecycle Entity Financial Summaries*
- *Viewing and Adding Notes to a Financial Summary*
- *Financial Summary Audit Trail*
- *Financial Comparison and Financial Summary to Financial Data Table Comparison Portlets*
- *Editable Validations for Avoidance and Revenue Benefit Categories*

HP Program Management

The following are key enhancements to HP Program Management:

- *Program Overview Page*
- *Lifecycle Entities*
- *Adding Programs to Portfolios*
- *Program Financial Summaries*
- *Searching for Programs*
- *Creating a Program*
- *Program-Level Risks*
- *Program Cost Summary Portlet*
- *Program Project List Portlet*
- *Program List and Program Contents List Portlets*

HP Project Management

The following are key enhancements to HP Project Management:

- *Work Plans*
- *Integrating with Microsoft Project*
- *Associated Programs*
- *Optionally Requiring Users to Enter % Complete on Tasks*
- *Search Tasks Page*

Web Services

Web services have been updated in the following areas:

- *HP Resource Management*
- *HP Time Management*
- *HP Portfolio Management*

Integrations

PPM Center version 9.10 includes the following integrations:

- Integrations with HP Service Manager, HP Universal CMDB, HP Quality Center, HP Change Control Management, and HP Release Control, using HP Application Lifecycle Management (ALM). See *Application Lifecycle Management* on page 36.
- Integration with HP Universal CMDB for retrieval of service lists for service portfolio. See *Service Portfolio* on page 37.
- Integration of work plan tasks with HP Service Manager requests for change (RFCs). See *Integration of Work Plan Tasks with HP Service Manager RFCs* on page 38.

Solutions

This version of PPM Center includes the new Operational Reporting solution, which is based on BusinessObjects Enterprise XI 3.1 SP2 and Oracle. See *Operational Reporting Solution* on page 19.

Upgrade Considerations

When you upgrade from version 8.00 to version 9.10, consider impacts in the following areas:

- **Upgrade process.** Specifics about the impacts of the actual upgrade process are described in [Chapter 3, *Upgrade Impacts*, on page 39](#).

Also discussed in this chapter are the changes to the PPM Center data model and entities—these may have impacts on any customizations deployed at your enterprise.

- **System administration.** Items of interest to the PPM Center system administrators or database administrator are detailed in [Chapter 4, *System Requirements and Configuration Updates*, on page 61](#).

Changed and New Document Titles

Table 1-1 lists the title changes made to documentation for PPM Center version 9.10.

Table 1-1. Changes to document titles in PPM Center version 9.10

PPM Center Version 8.00 and Earlier	PPM Center Version 9.10
(new)	Operational Reporting Administrator's Guide
(new)	Operational Reporting User's Guide
(new)	Web Services Programmer's Guide
HP Application Lifecycle Management Guide	HP Solution Integrations Guide

Related Information

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

- *Installation and Administration Guide*
- *Deployment Best Practices Guide*
- *Upgrade Guide*
- *System Requirements and Compatibility Matrix*
- *Creating Portlets and Modules*
- *Customizing the Standard Interface*
- *Getting Started*
- *Generating Fiscal Periods*
- *Multilingual User Interface Guide*

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

- HP Demand Management
- HP Deployment Management
- HP Financial Management
- HP Portfolio Management
- HP Project Management
- HP Program Management
- HP Resource Management
- HP Time Management
- Application Lifecycle Management
- HP Center Management for Quality Center
- HP Document Management
- Web services
- Operational Reporting

2 New and Enhanced Features and Functionality

Overview of Additions and Changes

This chapter describes the new features and functionality available in this version. Evaluate the following capabilities to determine whether they are appropriate to add to, or have an impact on, your existing processes, procedures, or business strategies.

Supported Languages

In addition to English, PPM Center language packs are available for the following languages:

- Dutch (new)
- Japanese
- Korean
- German
- Brazilian Portuguese
- French
- Italian
- Russian
- Simplified Chinese
- Spanish
- Turkish



Language packs may be made available at or following the initial release of this version of PPM Center—some of the language packs identified in this list may not be immediately available at the same time as English.

Usability Enhancements

Admin Console Interface

PPM Center now includes the Admin Console interface, from which Administrators can perform the following tasks:

- Configure server configuration parameters for a single PPM Server, for all nodes in a server cluster, or for individual nodes.
- View detailed status information for each PPM Server configured for your PPM Center instance, including its active status (up or down), start and end times, the RMI URL, and the number of light queue and heavy queue listeners available for the server.
- Perform the following tasks related to fiscal periods:
 - Generate fiscal periods
 - Shift existing fiscal periods
 - Import and export fiscal periods
 - Generate translations for fiscal periods

To access the Admin Console, from the PPM Center standard interface:

- From the menu bar, select **Open > Administration > Open Admin Console.**

Portlet Field Lengths

The length of the task name field in the following portlets has been increased:

- Project Gantt
- Resource Gantt

The length of the project name field in the following portlets has been increased:

- Capitalized Project Timelines
- Project Timelines

Operational Reporting Solution

PPM Center now comes with the Operational Reporting solution. Operational Reporting enables you to use BusinessObjects web desktop InfoView to query HP Financial Management, HP Resource Management, and HP Time Management table data and create interactive operational reports.

Operational Reporting deployment requires BusinessObjects Enterprise XI 3.1 SP2 software installation and its own database schema based on Oracle 11g database software. You can run full or incremental ETL jobs (extract, transform, and load) to synchronize the Operational Reporting and PPM Center database according to the schedule you choose.



New development of PPM Center reports will continue to expand on this new Operational Reporting platform.

Two new documents address the new Operational Reporting solution. These are the *Operational Reporting Administrator's Guide* and the *Operational Reporting User's Guide*. For information about the data tables and views for Operational Reporting, see the *Data Model Guide*.

Out-of-the-Box Operational Reports

Operational Reporting comes with the following preconfigured reports, which users can run in InfoView to query the PPM Center database and generate clear data that are easy to interpret:

- **Demand Vs Capacity Report.** This report shows PPM Center resource capacity (from resource pools, both named and unnamed), demand (from staffing profiles broken down by committed, soft-booked, and unmet demand), and the actual effort coming from time sheets. You can use the Demand Vs Capacity report to compare demand against capacity for different roles by grouping the data by region, resource pool level, or role.
- **Time Sheet Compliance Report.** This report shows the total number of time sheets logged, submitted (or not), approved on time (or not), as well as trends in compliance over specified time periods. Drill-down functionality enables you to see the details of time compliance at each level of the management chain, organization unit, and resource pool.
- **Financial Summary Report.** This report shows a comparison of the planned values with the actual values for a budget, along with all of the budget-related attributes. You can group budget information based on region, business objective, or budget type (the entity for which the budget was created). You can analyze budget values based on expense type or labor type. You can view budgets costs in the currency defined for your PPM Center system or in any other currency.

Customized Operational Reports

The PPM Center universes provided with Operational Reporting enable users to create a wide variety of customized reports. Customized reports can include data from user data fields defined in your PPM Center system.

HP Portfolio Management

Hierarchical Portfolios

This version of PPM Center adds hierarchical portfolios as a new type of entity in HP Portfolio Management. You can include the following types of items in a hierarchical portfolio and track its progress:

- Individual lifecycle entities (proposals, projects, and assets).
- Programs, which can now include collections of all three types of lifecycle entities.
- Other portfolios, which become subportfolios when added to a portfolio. A subportfolio is a portfolio that can contain the same types of items as any portfolio and that is hierarchically subordinate to another portfolio. Subportfolios can be nested to any desired level. The portfolio at the next higher level above a subportfolio in the portfolio hierarchy is known as the subportfolio's parent portfolio. A portfolio at the highest level in the hierarchy is known as a root portfolio. The portfolio hierarchy can include multiple root portfolios.

Access to view and edit portfolios is secured by access grants and access rights.

Financial data is rolled up to each program from its lifecycle entities and to each portfolio from its lifecycle entities, programs, and subportfolios.

If an individual lifecycle entity, a program or any of its entities, or a subportfolio or any of its entities is already included in any portfolio, it cannot be added anywhere else in the same portfolio or any other portfolio. This prevents financial data from being “double counted” anywhere within or among portfolios.

The name of a portfolio that includes a proposal, project, or asset request is shown in the request. When searching requests, users can find which requests are included in one or more portfolios they specify.

HP Resource Management

Promised Allocations

Promised allocations are resource allocations who are not specifically named or identified. They can be used when a resource is allocated but the resource is not defined in PPM Center (for example, a subcontractor). Or, they can be used to commit resources and then assign a specific resource at a later time. Actuals cannot be entered for promised allocations.

This feature must be enabled and can be used from the staffing profile and Resource Allocation Management page.

Even if this feature is disabled, calculations that use promised allocations, such as unmet demand, current demand, remaining capacity, and allocation by role, always include promised allocations in their calculations. That is, promised allocations that were entered before the feature is disabled are not viewable from the interface but are still used in calculations that include promised allocations.

Calculations that rely on a calendar (such as recalculating a promised allocation from hours to FTE or when rolling up forecasted labor costs from the staffing profile to a financial summary) use the regional calendar of the resource pool of the position to which the promised allocation belongs. The regional calendar determines the promised allocation's working and non-working days. A resource calendar cannot be set up for a promised allocation.

Clear Future Forecast and Assignments

When a staffing profile is completed, the resource manager has an option to clear future forecast and assignments (forecast and assignments that go beyond the finish date) from the staffing profile. If the future forecast and assignments are cleared, they are no longer reflected in areas such as the Analyze Assignment Load and Analyze Resource Pool portlets, a resource's workload capacity, the Resource Finder, forecasted demand, the staffing profile, and the Resource Allocation Management page.

Analyze Assignment Load

A new option for Analyze Assignment Load preferences is available for the **Analyze Capacity from Resource Pool** selection. You can choose to limit the capacity and scheduled effort (from staffing profiles) of resources to the selected resource pools. That is, if the resource belongs to more than one resource pool, the capacity and scheduled effort for only the selected resource pools is considered.

Locked Staffing Profiles

A new status has been added to a staffing profile. The Lock Down status allows a staffing profile to be locked such that users cannot modify its data. A user must have the Edit Staffing Profiles or Edit All Staffing Profiles access grant and the Update Staffing Profile Status access grant to set this status.

When a staffing profile is locked, it is no longer displayed in the Forecast Planning page nor in filters for staffing profiles. A locked staffing profile does display in the Search Staffing Profiles and Resource Allocation Management pages but its data cannot be modified.

Staffing Profile Scrollbar Position

The scrollbar position in the staffing profile is maintained as follows:

- While horizontal position is retained:
 - The scrollbar moves to the record (the row will appear on top of visible area) when a position is added/updated and the screen refreshes.
 - The scrollbar moves to the position of the resource assignment (the row will appear on top of visible area) when a resource assignment is added/updated and the screen refreshes.
- The scrollbar position is reset (topmost/leftmost) in the following cases: Reject, Forward, Import Position. The scrollbar position is retained (vertical/horizontal) in the following cases: Delete Position, Send Resource Request, Add Notes.
- **Cancel** button on popup menu does not refresh a page if there are no changes made.

HP Time Management

Allowing or Prohibiting Time Sheets with Empty Lines

In the past, users could submit time sheets with empty lines (lines in which all values are 0), and approvers had to ignore those lines. A new `server.conf` parameter and corresponding time sheet policy options determine whether users can or cannot submit time sheets with empty lines. An additional option allows such time sheets to be submitted but only after presenting a message to users. If time sheets with empty lines cannot be submitted, performance is improved. For more information, see the *Upgrade Guide*.

Option for Users to Copy Items from My Items List Rather Than a Previous Time Sheet When They Create a Time Sheet

By default, when users create a new time sheet, they can no longer optionally include (copy) items from a time sheet for the most recent previous period. Instead, they can copy all open items from their personal My Items lists.

The new `server.conf` parameter `TM_DISABLE_INCLUDING_LAST_TS_ITEMS` controls whether users can still choose to include items from a time sheet for the most recent previous period. However, HP Time Management prevents users from including items from both their My Items lists and a time sheet for the previous period. For more information, see the *Upgrade Guide*.

Entry of Time in Units of Days on Time Sheets

Time sheet policies have new options to require users to enter time for each work item in fractions of a day, either day by day over the entire time period or with one value covering the entire time period.

Dynamic Expansion of Item Column on Time Sheets

The new `server.conf` parameters `TM_DYNAMIC_DESC_CHARS` and `TM_DYNAMIC_DESC_CHARS_MAX` control the width of the **Item** column on time sheets, which displays the name and descriptive information about work items. The column width expands or contracts on each time sheet as needed to accommodate long or short names and descriptions. For more information, see [server.conf File Changes on page 61](#) and the *Installation and Administration Guide*.

Optionally Requiring Users to Enter % Complete on Tasks

The project Cost and Effort policy has a new field that can be set to require users to enter **% Complete** when they enter actual effort for tasks in that project. On time sheets, tasks for which the field is required are marked with a red asterisk.

HP Financial Management

Program Financial Summaries

A program has a single financial summary associated with it. Separate roll-up and editable financial summaries for a single program no longer exist.

Cost and benefit roll-up data from the program's assigned lifecycle entities is refreshed based on the frequency specified in the Financial Summary Rollup Service. The service is run only for programs with Financial Management enabled and for lifecycle entities whose status is active.

The financial summary for a program includes the following:

- Summary showing totals for the program such as net present value, nominal return, approved budget, forecast cost, forecast benefit, actual cost, and actual benefit
- Graph showing forecast and actual consumption of the approved budget over the fiscal year you select

- Table of forecast and actual costs, over a range from two years ago to five years from now
- Table of forecast and actual benefits, over a range from two years ago to five years from now

Additionally, some field names in the summary and graph sections have been modified. See *Lifecycle Entity Financial Summaries* for more information.

Lifecycle Entity Financial Summaries

Some field names in the summary and graph sections of the lifecycle entity financial summary have been updated.

Table 2-1. Updated field names in the lifecycle entity financial summary

Old Name	New Name
Summary Section	
Total Forecasts	Total Forecast Cost
Total Benefits Planned	Total Forecast Benefit
Total Actuals	Total Actual Cost
Total Benefits Actuals	Total Actual Benefit
Graph Section	
Forecasts	Forecast Cost
Actuals	Actual Cost
Benefits Planned	Forecast Benefit
Benefits Actuals	Actual Benefit

Viewing and Adding Notes to a Financial Summary

Notes can be viewed and added to the Forecast and Actual Details section and Benefit Details section of a lifecycle financial summary, program financial summary, and financial data table. Notes can viewed and added to the Summary section of an organization unit financial summary.

Financial Summary Audit Trail

The financial summary audit trail tracks modifications to the financial summary of a lifecycle entity, program, or organization unit. The audit trail tracks changes to the financial summary made from PPM Center or Web services.

Financial Comparison and Financial Summary to Financial Data Table Comparison Portlets

Two new portlets are provided as part of PPM Center:

- **Financial Comparison.** Shows a bar chart that compares the forecast or Plan of Record (POR) of one or more lifecycle entities to the forecast or actuals of the same or different set of lifecycle entities.
- **Financial Summary to Financial Data Table Comparison.** Shows a bar chart that compares the forecast or actuals of one or more lifecycle entities to financial data tables.

Editable Validations for Avoidance and Revenue Benefit Categories

Administrators can now edit the following validations for the financial benefit categories of Avoidance and Revenue:

- FINANCIAL BENEFIT AVOIDANCE CATEGORY List validation, for the category Avoidance.

The default values are Product and Service.

- Financial Benefits Revenue Category List validation, for the category Revenue.

The default values are Compliance and Legal.

HP Program Management

Program Overview Page

Additional features have been added to the Program Overview page. Some of these additional features replace those found in the Modify Program page as the Modify Program page no longer exists.

Features added to the Program Overview page include:

- New Content section that lists the lifecycle entities (proposals, projects, and assets) that are part of the program. Lifecycle entities can be added and deleted from the program from this section.
- If HP Financial Management is enabled, the program costs are listed in the Overview tab.
- The Delete Program button is located on the Program Overview page.
- Two new qualitative fields: Program Overall Health (set the overall health of the program) and Score (rate the value of the program).
- Information can be exported to Microsoft Excel.
- If the program is part of a portfolio, the portfolio name is displayed.
- In the Content section, you can select a checkbox to display closed content. Closed content has a status of closed, completed, or cancelled.

Lifecycle Entities

The term “lifecycle entity” is used to mean a proposal, a project, or an asset, and “lifecycle entities” are any combination of proposals, projects, and assets.

Each of these types of lifecycle entities can be created from scratch, but typically a proposal automatically becomes a project upon approval of the proposal and the project automatically becomes an asset upon completion of the project. This progression is referred to as a lifecycle and proposals, projects, and assets are the entities that make up this lifecycle.

A program has become a set of related lifecycle entities that are grouped together. With HP Program Management, you can create programs that provide a high-level perspective on proposals, projects, and assets in your organization.

Adding Programs to Portfolios

A new HP Portfolio Management setting has been added to programs, enabling programs to be added to a portfolio. See [Hierarchical Portfolios on page 21](#) for additional information.

Program Financial Summaries

A program has a single financial summary associated with it. Separate roll-up and editable financial summaries for a single program no longer exist. See [Program Financial Summaries on page 25](#) for more information.

Searching for Programs

Two new search fields have been added to the Search Programs page:

- **Contains.** Display all programs that contain at least one of the specified lifecycle entities.
- **Show only Portfolio Management enabled programs.** Display all programs that have HP Portfolio Management enabled.

Creating a Program

The page to create a program has been simplified. Two fields, Program Name and Program Managers, are displayed on the Create New Program page (if program-level user data fields are configured, they are also displayed on the Create New Program page).

Program-Level Risks

Program risk request types have been added to the Best Practices content. Program risk request types can be used to manage threats to a program at the program level allowing you to identify risks linked to a program, collect information about the risks, and deal with the risks quickly. Each submitted program risk request is processed along its assigned workflow.

Program risks track all risks associated with the program which include both program-level risks and project-level risks for projects included in the program. Program risks are included in the graph on the Program Overview page, program risk health calculations, and the Program Risk List portlet.

Best Practices must be reinstalled in order to use this content.

Program Cost Summary Portlet

The Program Cost Summary portlet includes all lifecycle entity costs (of those lifecycle entities that belong to the program) to determine the program cost health.

Program Project List Portlet

The Program Project List portlet has been changed to the Program Contents List portlet as programs can contain proposals, projects, and/or assets. Additionally, the columns displayed have changed to **Req ID, Name, Type, and Status**.

Program List and Program Contents List Portlets

The Program List and Program Contents List portlets have been updated to include proposals and assets in their filter criteria.

HP Project Management

Work Plans

The work plan has been enhanced in the following ways:

- Task fields can be modified directly from the Work Plan page rather than opening the Task Details page (this feature replaces Quick Edit). Fields, such as Name, Scheduled Duration, Scheduled Start, Scheduled Finish, Resources, Activity, Predecessors, Role, and some user data can be edited directly in the work plan table.
- When editing the work plan, if a modifiable task field is required, you must enter a value in the field before you can modify additional tasks.
- When editing the work plan, if an action takes some time to complete, a dialog with a progress bar displays. Depending on the action being completed, either an elapsed time counter or both an elapsed time and estimated completion time counter displays.
- After a save, if more than one task has been updated and there is an error during the save, the task that caused the error is highlighted in the work plan.
- An indicator column for notes has been added to the Work Plan page. If a note has been added to a task, the column contains a note icon.
- Users can be restricted from accessing the work plan and viewing its actuals.
- Access to user data in the work plan can be restricted by security groups and field-level security.
- Columns containing active baseline data can be added to the work plan. Columns include scheduled start, scheduled finish, scheduled effort, actual start, actual finish, and actual effort. This baseline data may also be exported with the work plan to PDF or Microsoft Excel.

Integrating with Microsoft Project

HP Project Management integrates with Microsoft Project using the Plug-in for PPM. This version of the Plug-in for PPM uses the Microsoft .NET Framework.

Additional features and enhancements have been added to the Plug-in for PPM (see the *HP Project Management User's Guide* for more details):

- New client-side software requirements (see the *System Requirements and Compatibility Matrix* for more information)
- Synchronization mode determines menu selections
- User Preferences dialog that adds/enhances the following:
 - Support for multiple languages
 - Disabling save prompting
 - Colorizing changes to scheduled dates that were automatically changed by Microsoft Project for HP Project Management-controlled work plans
 - Backing up Microsoft Project files and setting the location of the backup files
 - Enabling logging and setting the location of the log files
 - Changing the PPM Server
 - Configuring a custom HTTP header
 - Configuring a proxy server
 - Using a Microsoft Project Server calendar
- Resource mapping independent of synchronization
- Progress bar to track synchronization progress
- Reconciliation of tasks in work plans
- Upgrade no longer requires uninstalling the older version of the Plug-in for PPM

- Message that alerts the user if the Plug-in for PPM needs to be upgraded
- ActiveX is no longer required to launch Microsoft Project from PPM Center
- Microsoft Project files stored on the Internet or in shared folders can be integrated
- Installation requires less interaction, bypassing information-only dialogs
- Additional languages can be supported by translating and deploying properties files (see the *Multilingual User Interface Guide* for more information)

Associated Programs

In the Project Overview page, in the Project Details tab, a new field has been added that displays programs to which the project is associated. The project can be associated to only one program that has HP Portfolio Management enabled. The project can be associated to one or more programs that do not have HP Portfolio Management enabled.

Optionally Requiring Users to Enter % Complete on Tasks

The project Cost and Effort policy has a new field that can be set to require users to enter % **Complete** when they enter actual effort for tasks in that project.

Search Tasks Page

The Search Tasks page requires at least one of the following fields before a search can be performed: **Task Name starts with**, **Resource**, **Project Name**, and **Project Manager**. By default, the **Project Manager** field contains the name of the user currently logged in to PPM Center.

HP Demand Management

Editing Project Requests

From the Request Search Results page, project requests can be selected for quick edit or mass update.

Administration and Performance Improvements

Infrastructure enhancements have been made throughout the product. Many of these modifications may be transparent to you. However, others may impact how tasks are accomplished, or how you configure or administer your PPM Center instance.

Key areas of focus are described in the following sections.

Performance Improvements

The following area of the product was redesigned to improve performance:

- For projects that are integrated with HP Time Management, after users enter actual effort for tasks on the **Time Breakdown** tab, the time sheet update service (TM-PM Sync Service) sends updates of that actual effort to the project work plans for those tasks, as often as specified by the service (by default, every 3 hours). Providing these updates as a service improves the performance of HP Time Management.

Web Services

HP Resource Management

A new Web service clears future forecasts and assignments of a completed staffing profile.

HP Time Management

Web services have been significantly improved to provide the capabilities that HP Time Management has through the user interface, for example in time sheet policy enforcement and time sheet approval.

The new Web services implementation for HP Time Management includes the following improvements:

- **Apply time sheet lifecycle.** By implementing time sheet life cycle, Web services operations check the status of the time sheets. Therefore, the transition of time sheets in Web services behaves as in user interfaces. For example, the new implementation prevents a time sheet in the freeze status from being opened.
- **Apply security access.** This improvement enforces a comprehensive security check on every timesheet-related Web services operation. This means, to perform a Web services operation, the user must have all the access grants that are required in the user interfaces.
- **Apply time sheet policy.** Time sheet policies are now enforced in the Web services layer. The new implementation evaluates time sheet policy against time sheet data.
- **Accept partial data.** This improvement enables you to pass only the required data for a Web services operation. For example, to approve all activities, you are required to send the approve request only. Similarly, if you want to update any hour of a certain day, you are required to send the corresponding timesheet line only.

HP Portfolio Management

New Web services support the following actions in connection with the new portfolio entity:

- Creating portfolios
- Adding subportfolios to and removing them from portfolios
- Adding programs to and removing them from portfolios

- Adding proposals, projects, and assets to and removing them from portfolios
- Updating portfolio headers—the names of portfolios and their portfolio managers
- Reading portfolios
- Deleting empty portfolios

HP Program Management

New Web services support the following actions in connection with the program entity:

- Creating programs
- Updating programs
- Reading programs
- Deleting programs
- Searching programs

HP Solution Integrations

PPM Center supports integrations with other HP products, using Application Lifecycle Management (ALM) integration software, as well as other new integrations that do not depend on the ALM entities.

Application Lifecycle Management

PPM Center includes Application Lifecycle Management (ALM) 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. ALM supports integrations with HP Service Manager, HP

Universal CMDB, HP Quality Center, HP Change Control Management, and HP Release Control.

The functionality and entities of ALM 9.10 for PPM Center 9.10 are identical to ALM 2.00 for PPM Center 8.00. If ALM 2.00 is installed, ALM 9.10 cannot be installed.

For information about ALM, see the *HP Solution Integrations Guide*.

Service Portfolio

Service portfolio is a new capability introduced in PPM Center version 9.10. If your organization has adopted the ITIL definitions of services and service lifecycle, you may leverage this optional feature to track, categorize, and analyze business services-related IT project initiatives. This offers possibility and flexibility to your organization in governing and maximizing your investments in business services and managing them for value.

Users can now associate a business service with a request or a task, or categorize requests or tasks by service.

- As an administrator, you can:
 - Enable a **Service** field on the request creation page in the HP Demand Management module of PPM Center, so that users can associate their requests to a related business service when they create and submit the requests.
 - Enable specifying a service for a task in the HP Project Management module.
 - Enable real-time integration with a Universal CMDB server to retrieve a list of business services from the Universal CMDB application in real time.
- As an end user, you can view, select, and change a service for a request when you have the appropriate permissions.
- As a project manager, you can:
 - Capture a service for a project task.

- Use service values to track business-services related IT project initiatives.
- As a financial analyst or CIO, you can track, categorize, and analyze business services-related IT project initiatives.

This feature is supported in HP Demand Management and HP Project Management modules.

For information about this integration, see the *HP Solution Integrations Guide*.

Integration of Work Plan Tasks with HP Service Manager RFCs

PPM Center now supports creation of a request for change (RFC) in HP Service Manager from a work plan task in PPM Center, as well as synchronization of the RFC and work plan task.

For information about this integration, see the *HP Solution Integrations Guide*.

3 Upgrade Impacts

Overview of Upgrade Considerations

This chapter focuses on the impacts of the actual upgrade process as well as the resulting changes to the PPM Center data model and entities. Also included are tables that identify the upgrade path and compatibility of the third-party products used with the PPM Center database, Extensions, and Migrators.

Upgrade Path

To upgrade to PPM Center version 9.10, you must have PPM Center version 8.00 (with or without service packs) installed. If an earlier version is installed, you must first upgrade to version 8.00, and then upgrade to PPM Center version 9.10. For information about how to upgrade to version 8.00, see the *Upgrade Guide* for version 8.00.

Remember that changes in the supported versions of third-party products, such as the Oracle® database software, may affect your upgrade. To determine—and plan—your environments for the upgrade, see the *Installation and Administration Guide* and *System Requirements and Compatibility Matrix*.

Oracle Database Compatibility

The following tables (*Table 3-1* through *Table 3-5*) provide an overview of the Oracle database versions supported for the PPM Server in PPM Center versions 8.00 and 9.10. For additional details specific to these versions, see the *System Requirements and Compatibility Matrix* document for each version.

Environments that are *not* supported in version 9.10 of PPM Center are shown in the lightly shaded areas in the following tables. Combinations shown in unshaded areas are supported for version 9.10 of PPM Center and may coincide with earlier supported environments.



All installed Oracle versions must 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>.

Microsoft Windows

Table 3-1. Oracle database and Microsoft Windows platform support for PPM Center versions 8.00 and 9.10

Oracle Version	Windows Server 2003 SP1	Windows Server 2003 SP1	Windows Server 2003 R2	Windows Server 2003 R2	Windows Server 2003 R2 SP2	Windows Server 2008	Windows Server 2008
	Standard & Enterprise Editions ^a	Standard & Enterprise Editions	Standard Edition ^a	Enterprise Edition ^a	Standard & Enterprise Edition ^a	Datacenter Edition ^a	Standard & Enterprise Editions ^a
10.2.0.4 10.2.0.4 RAC	8.00	8.00	8.00	8.00	8.00	8.00	8.00
11.1.0.6	8.00	8.00	8.00	8.00	8.00	8.00	8.00
11.1.0.7 11.1.0.7 RAC	8.00 SP1 9.10	8.00 SP1 9.10	8.00 SP1 9.10	8.00 SP1 9.10	8.00 SP1 9.10	8.00 SP1 9.10	8.00 SP1 9.10
11.2.0.1.0 11.2.0.1.0 RAC	9.10	9.10	9.10	9.10	9.10	9.10	9.10

a. Includes both 32- and 64-bit support.

Table 3-2. Oracle database and Sun Solaris platform support for PPM Center versions 8.00 and 9.10

Oracle Version	Solaris 9 ^a	Solaris 10 ^b
10.2.0.4 10.2.0.4 RAC	8.00	8.00
11.1.0.6 11.1.0.6 RAC	8.00	8.00
11.1.0.7 11.1.0.7 RAC	8.00 SP1 9.10	8.00 SP1 9.10
11.2.0.1.0 11.2.0.1.0 RAC	9.10	9.10

a. PPM Center version 8.00 support includes Solaris 9 Patches 1 through 9.

b. PPM Center version 8.00 support includes Solaris 10 Patches 1 through 8.

HP-UX

Table 3-3. Oracle database and HP-UX platform support for PPM Center versions 8.00 and 9.10

Oracle Version	HP-UX 11i v2 ^a	HP-UX 11i v3 ^a
10.2.0.4 10.2.0.4 RAC	8.00	8.00
11.1.0.6 11.1.0.6 RAC	8.00	8.00
11.1.0.7 11.1.0.7 RAC	8.00 SP1 9.10	8.00 SP1 9.10
11.2.0.1.0 11.2.0.1.0 RAC	9.10	9.10

a. Includes both PA-RISC and Itanium support for version 8.00.

Table 3-4. Oracle database and IBM AIX platform support for PPM Center versions 8.00 and 9.10

Oracle Version	AIX 5L Version 5.3	AIX Version 6.1
10.2.0.4 10.2.0.4 RAC	8.00	not supported
11.1.0.6 11.1.0.6 RAC	8.00	not supported
11.1.0.7 11.1.0.7 RAC	8.00 SP1 9.10	9.10
11.2.0.1.0 11.2.0.1.0 RAC	9.10	9.10

Red Hat Linux

Table 3-5. Oracle database and Red Hat Linux platform support for PPM Center versions 8.00 and 9.10

Oracle Version	Red Hat Enterprise Linux AS 4.0 ^a	Red Hat Enterprise Linux AS 5.0 ^b
10.2.0.4 10.2.0.4 RAC	8.00	8.00
11.1.0.6 11.1.0.6 RAC	8.00	8.00
11.1.0.7 11.1.0.7 RAC	8.00 SP1 9.10	8.00 SP1 9.10
11.2.0.1.0 11.2.0.1.0 RAC	9.10	9.10

- a. PPM Center version 8.00 support includes initial AS 4.0 release and Updates 1 through 6. Both 32- and 64-bit platforms are supported.
- b. PPM Center version 8.00 support includes initial AS 5.0 release and Updates 1 through 4. Both 32- and 64-bit platforms are supported.

Table 3-6. Oracle database and SUSE Linux platform support for PPM Center versions 8.00 and 9.10

Oracle Version	SUSE Linux Enterprise 9 ^a	SUSE Linux Enterprise 10 ^b	SUSE Linux Enterprise 11 ^c
10.2.0.4 10.2.0.4 RAC	8.00	8.00	not supported
11.1.0.6 11.1.0.6 RAC	8.00	8.00	not supported
11.1.0.7 11.1.0.7 RAC	8.00 SP1 9.10	8.00 SP1 9.10	9.10
11.2.0.1.0 11.2.0.1.0 RAC	9.10	9.10	9.10

- a. PPM Center version 8.00 support includes initial Enterprise 9 release and SP1 through SP4. Both 32- and 64-bit platforms are supported.
- b. PPM Center version 8.00 support includes initial Enterprise 10 release and SP1 through SP3. Both 32- and 64-bit platforms are supported.
- c. Both 32- and 64-bit platforms are supported.

Extensions and Migrators Compatibility

HP Deployment Management Extension for Oracle E-Business Suite

Table 3-7 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 9.10 are shown in the lightly shaded areas. Combinations shown in unshaded areas are supported for this version of PPM Center.

Table 3-7. Oracle E-Business Suite and HP Deployment Management Extension for Oracle E-Business Suite versions supported on PPM Center versions 8.00 and 9.10 (page 1 of 2)

Oracle E-Business Suite Version	HP Deployment Management Extension for Oracle E-Business Suite Version 8.0.0	HP Deployment Management Extension for Oracle E-Business Suite Version 9.10
11–11.5.6	8.00	9.10
11.5.7 Application Object Library: FND.E Applications DBA: AD.F Common Modules: AK.D Financials Suite: Family Pack A	8.00	9.10
11.5.8 Application Object Library: FND.F Applications DBA: AD.G Common Modules: AK.E Financials Suite: Family Pack C	8.00	9.10
11.5.9 ^a Application Object Library: FND.G Applications DBA: AD.H Common Modules: AK.F Financials Suite: Family Pack D	8.00	9.10

Table 3-7. Oracle E-Business Suite and HP Deployment Management Extension for Oracle E-Business Suite versions supported on PPM Center versions 8.00 and 9.10 (page 2 of 2)

Oracle E-Business Suite Version	HP Deployment Management Extension for Oracle E-Business Suite Version 8.0.0	HP Deployment Management Extension for Oracle E-Business Suite Version 9.10
11.5.10 ^{a, b} Application Object Library: FND.H Applications DBA:AD.I Common Modules: AK.G Financials Suite: Family Pack F	8.00	9.10
11.5.10.2 (CU2) ^b Application Object Library:FND.H Applications DBA: AD.I.6 Common Modules: AK.G Financials Suite: Family Pack F	8.00	9.10
12.0.0–12.1.2 Applications Technology: R12.ATG_PF.A– R12.ATG_PF.B.DELTA.2 Applications DBA: R12.A–R12.AD.B.DELTA.1	8.00	9.10
^{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.		

HP Object Migrator and Mercury GL Migrator

Table 3-8 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 9.10 are shown in the lightly shaded areas. Combinations shown in unshaded areas are supported for this version of PPM Center.

Table 3-8. Oracle E-Business Suite and HP Migrator versions supported on HP Deployment Management Extension for Oracle E-Business Suite versions 8.00 and 9.10 (page 1 of 2)

Oracle E-Business Suite Version	Kintana Object*Mi-grator 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
11–11.5.1	8.0.0	8.0.0	8.0.0	8.0.0	8.0.0
	9.10	9.10	9.10	9.10	9.10
11.5.2–11.5.6	8.0.0	8.0.0	8.0.0	not supported	8.0.0
	9.10	9.10	9.10	not supported	9.10
11.5.7 Application Object Library: FND.E Applications DBA: AD.F Common Modules: AK.D Financials Suite: Family Pack A	8.0.0	8.0.0	8.0.0	not supported	8.0.0
	9.10	9.10	9.10	not supported	9.10
11.5.8 Application Object Library: FND.F Applications DBA: AD.G Common Modules: AK.E Financials Suite: Family Pack C	8.0.0	8.0.0	8.0.0	not supported	8.0.0
	9.10	9.10	9.10	not supported	9.10
11.5.9 ^a Application Object Library: FND.G Applications DBA: AD.H Common Modules: AK.F Financials Suite: Family Pack D	8.0.0	8.0.0	8.0.0	not supported	8.0.0
	9.10	9.10	9.10	not supported	9.10

Table 3-8. Oracle E-Business Suite and HP Migrator versions supported on HP Deployment Management Extension for Oracle E-Business Suite versions 8.00 and 9.10 (page 2 of 2)

Oracle E-Business Suite Version	Kintana Object*Mi-grator 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
11.5.10 with FND.H Mini Pack ^{a, b, d}	not supported	8.0.0	8.0.0	not supported	8.0.0
Application Object Library: FND.H Applications DBA:AD.I Common Modules: AK.G Financials Suite: Family Pack F	not supported	9.10	9.10	not supported	9.10
11.5.10.2 (CU2) ^{c, d}	not supported	8.0.0	8.0.0	not supported	8.0.0
Application Object Library:FND.H Applications DBA: AD.I.6 Common Modules: AK.G Financials Suite: Family Pack F	not supported	9.10	9.10	not supported	9.10
12.0.0–12.1.2	not supported	not supported	8.0.0 ^e	not supported	not supported
Applications Technology: R12.ATG_Pf.A– R12.ATG_Pf.B.DELTA.2 Applications DBA: R12.A–R12.AD.B.1	not supported	not supported	9.10 ^e	not supported	not supported

- 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 patch 154770. See the HP Object Migrator Version 6.0 Database version 10G Compatibility Patch (#154770) readme for details.
- e. Apply the patch to Object Migrator 7.5 that makes it compatible with R12.1.2.

HP Deployment Management Extension for Oracle Technology

There are no changes in the support for the HP Deployment Management Extension for Oracle Technology in this version of PPM Center. However, the new version of the Extension must be installed after an upgrade.

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 this version of PPM Center. However, the new version of the Extension must be installed after an upgrade.

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. It is possible that the new features and functionality provided in this version may have made your customizations obsolete.

Data Model Changes

The section describes the major changes to the data model in this version, as compared to version 8.00. In addition, this section specifically identifies changes made in version 8.00.01 (8.00 SP1).

Tables

Table 3-9 details the changes to tables since PPM Center version 8.00. Some tables have been deleted, some new tables have been introduced, some existing tables have been modified, some tables have been deprecated and are unused in version 9.10, and other tables have been replaced by views.

Table 3-9. Table changes (page 1 of 8)

Table	Impact
FM_FORECAST_ACTUAL_PERIOD_SUM	Modified in 9.10
I18N_KNTA_LOOKUPS	Deleted in 9.10
ITG_BUNDLED_ITEMS	Obsoleted in 8.00 SP1
ITG_COMPRESSED_ELEMENTS	Obsoleted in 8.00
ITG_SETTINGS_ATTRIBUTES	Modified in 9.10
ITG_SETTINGS_CONT_ATTRS	Modified in 9.10
JMS_MESSAGES	Deleted in 9.10
JMS_ROLES	Deleted in 9.10
JMS_SUBSCRIPTIONS	Deleted in 9.10
JMS_TRANSACTIONS	Deleted in 9.10
JMS_USERS	Deleted in 9.10
KCRT_FG_PFM_ASSET	Modified in 9.10
KCRT_FG_PFM_ASSET_INT	Modified in 9.10
KCRT_FG_PFM_PROJECT	Modified in 9.10
KCRT_FG_PFM_PROPOSAL	Modified in 9.10

Table 3-9. Table changes (page 2 of 8)

Table	Impact
KCRT_FG_PFM_PROPOSAL_INT	Modified in 9.10
KCRT_FG_PROG_REFERENCE	Modified in 9.10
KCRT_FG_PROG_REFERENCE_INT	Modified in 9.10
KCRT_FG_PROG_RISK	Added in 9.10
KCRT_FG_PROG_RISK_INT	Added in 9.10
KCRT_FG_SERVICE	Added in 9.10
KCRT_FG_SERVICE_INT	Added in 9.10
KCRT_FG_UCMDB_INT	Modified in 9.10
KCRT_REQUEST_DETAILS	Modified in 9.10
KCRT_REQUEST_HEADER_TYPES_LOC	Modified in 9.10
KCRT_REQUEST_SUB_TYPES_LOC	Modified in 9.10
KCRT_REQUEST_TYPE_SECURITY	Modified in 9.10
KCRT_REQUEST_TYPES_LOC	Modified in 9.10
KCRT_RT_REQUEST_RESOURCES	Modified in 9.10
KCRT_STATUSES_LOC	Modified in 9.10
KCRT_TABLE_ENTRIES	Modified in 9.10
KCST_BENEFIT_ACCESS	Deprecated in 8.00
KCST_BENEFIT_LINE_CELLS	Deprecated in 8.00
KCST_BENEFIT_LINES	Deprecated in 8.00
KCST_BENEFIT_LINKED_ENTITIES	Deprecated in 8.00
KCST_BENEFIT_PERIOD_SUM_75	Deleted in 8.00
KCST_BENEFIT_TXN_HIST	Deprecated in 8.00
KCST_BENEFITS	Deprecated in 8.00
KCST_BUDGET_ACCESS	Deprecated in 8.00

Table 3-9. Table changes (page 3 of 8)

Table	Impact
KCST_BUDGET_LINE_CELLS	Deprecated in 8.00
KCST_BUDGET_LINES	Deprecated in 8.00
KCST_BUDGET_LINKED_ENTITIES	Deprecated in 8.00
KCST_BUDGET_PERIOD_SUM_75	Deleted in 8.00
KCST_BUDGET_TXN_HIST	Deprecated in 8.00
KCST_BUDGETS	Deprecated in 8.00
KCST_CURRENCY_CELLS_75	Deleted in 8.00
KCST_CURRENCY_LINES_75	Deleted in 8.00
KDEM_DEMAND_FIELDS	Modified in 9.10
KDEM_DEMANDS	Modified in 9.10
KDLV_PACKAGES_INT	Modified in 9.10
KDRV_CALENDAR_EXCEPTIONS	Modified in 9.10
KDRV_CALENDAR_SETUPS	Modified in 9.10
KDRV_ROLLUP_METHODS	Modified in 9.10
KDRV_ROLLUP_SETUPS	Modified in 9.10
KDRV_STATES_NLS	Modified in 9.10
KDRV_WORKING_DAYS	Modified in 9.10
KDSH_DIST_IMPACTED_USERS	Deprecated in 9.10
KDSH_DIST_ORG_UNITS	Deprecated in 9.10
KDSH_DIST_SECURITY_GRPES	Deprecated in 9.10
KDSH_DISTRIBUTION_ERRORS	Deprecated in 9.10
KDSH_DISTRIBUTION_USERS	Deprecated in 9.10
KDSH_DYNAMIC_FILTERS	Deprecated in 9.10
KDSH_MODULE_DIST_PAGES	Deprecated in 9.10

Table 3-9. Table changes (page 4 of 8)

Table	Impact
KDSH_MODULE_DIST_PORTLETS	Deprecated in 9.10
KDSH_MODULE_DISTRIBUTIONS	Deprecated in 9.10
KDSH_MODULES	Deprecated in 9.10
KDSH_PUBLISHED_MODULE_USERS	Deprecated in 9.10
KENV_ENVIRONMENTS	Modified in 9.10
KENV_HOST_CLASSES_NLS	Modified in 9.10
KINS_ACTIONS	Added in 9.10
KINS_TABLESPACES	Added in 9.10
KNTA_APP_SERVER_PROPERTIES	Modified in 9.10
KNTA_COMMANDS	Modified in 9.10
KNTA_ENTITIES_NLS	Modified in 9.10
KNTA_EXTERNAL_SYNC	Modified in 9.10
KNTA_FIELD_SECURITY	Modified in 9.10
KNTA_PARAM_SET_FIELDS_NLS	Modified in 9.10
KNTA_REF_RELATIONSHIPS_NLS	Modified in 9.10
KNTA_REFERENCES	Modified in 9.10
KNTA_REPORT_SUBMISSIONS	Modified in 9.10
KNTA_RESOLVED_SEC_TOKENS	Modified in 9.10
KNTA_SERVER_PARAM_DEF_NLS	Modified in 9.10
KNTA_UCMDB_CI_ENTRIES	Added in 9.10
KNTA_UCMDB_CI_SETS	Added in 9.10
KNTA_USERS	Modified in 9.10
KNTA_VALIDATIONS_NLS	Modified in 9.10
KPFM_CONFIGURATIONS	Modified in 9.10

Table 3-9. Table changes (page 5 of 8)

Table	Impact
KPFM_SCENARIOS	Modified in 9.10
KPMO_PROGRAM_BUSINESS_OBJ	Modified in 9.10
KRSC_ORG_UNITS_NLS	Modified in 9.10
KRSC_STAFF_PROF_PERIOD_SUM	Modified in 9.10
KTMG_PAGE_COLUMNS	Modified in 9.10
KTMG_POLICIES	Modified in 9.10
KWFL_PENDING_EXEC_CALLBACKS	Modified in 9.10
KWFL_RESOLVED_SEC_TOKENS	Modified in 9.10
KWFL_WORKFLOW_STEPS_NLS	Modified in 9.10
KWFL_WORKFLOWS_NLS	Modified in 9.10
PFM_PORTFOLIO_CONTENTS	Added in 9.10
PFM_PORTFOLIO MANAGERS	Added in 9.10
PFM_PORTFOLIOS	Added in 9.10
PGM_PROGRAM_CONTENT	Added in 9.10
PGM_PROGRAMS	Added in 9.10
PLSQL_BLOCK_TES	Deleted in 9.10
PM_EXCEPTION_RULE_RESULTS	Modified in 9.10
PM_MSP_LINK_REQUESTS	Added in 9.10
PM_PROGRAM_PROJECTS	Deleted in 9.10
PM_PROJECTS_CONTAINERS	Deleted in 9.10
PPM_EMAIL_CONTEXT_INFO	Added in 9.10
PPM_EMAIL_PROCESSED_MSGS	Added in 9.10
PPM_FISCAL_PERIODS_NLS	Added in 9.10
PPM_INT_CONFIGURATIONS	Added in 9.10

Table 3-9. Table changes (page 6 of 8)

Table	Impact
PPM_INT_EVENTS	Added in 9.10
PPM_INT_QC_CONTROL	Added in 9.10
PPM_INT_QC_ENTITY_MAP	Added in 9.10
PPM_INT_SOLUTIONS_NLS	Added in 9.10
PPM_SERVICE_JOB_STATUS	Modified in 9.10
RC_TEMP_TABLE	Deleted in 9.10
RPT_CALENDAR_DAYS	Added in 9.10
RPT_CM_FACT_CNTL	Added in 9.10
RPT_DIM_PPM_FISCAL_PERIODS	Added in 9.10
RPT_DIM_REQUESTS	Added in 9.10
RPT_DIM_RM_POSITIONS	Added in 9.10
RPT_DIM_RM_RESOURCEPOOLMGRS	Added in 9.10
RPT_DIM_RM_RESOURCEPOOLS	Added in 9.10
RPT_DIM_RM_RESOURCES	Added in 9.10
RPT_DIM_RM_ROLES	Added in 9.10
RPT_DIM_RM_STAFF_PROFILES	Added in 9.10
RPT_DIM_TM_TIME_SHEET_LINES	Added in 9.10
RPT_DIM_TM_TIME_SHEETS	Added in 9.10
RPT_ETL_JOB	Added in 9.10
RPT_EVENT_DEF	Added in 9.10
RPT_EVENT_LOG	Added in 9.10
RPT_EVENT_LOG_DETAIL	Added in 9.10
RPT_FCT_FM_APPROVED_BUDGETS	Added in 9.10
RPT_FCT_FM_FCST_ACTUAL_CELL	Added in 9.10

Table 3-9. Table changes (page 7 of 8)

Table	Impact
RPT_FCT_RM_RES_DISTRIBUTION	Added in 9.10
RPT_FCT_RM_RESOURCE_CAPACITY	Added in 9.10
RPT_FCT_RM_RESOURCE_DEMAND	Added in 9.10
RPT_FCT_RM_RESOURCE_DEMAND_STG	Added in 9.10
RPT_FCT_RM_RESOURCE_EFFORT	Added in 9.10
RPT_FCT_RM_RESRCE_CAPACITY_STG	Added in 9.10
RPT_FCT_RM_RSC_CAPACITY_AGGR	Added in 9.10
RPT_FCT_RM_RSC_DEMAND_AGGR	Added in 9.10
RPT_FCT_TM_ACTUAL_EFFORT	Added in 9.10
RPT_FCT_TM_COMPLIANCE	Added in 9.10
RPT_FCT_TM_COST	Added in 9.10
RPT_KNTA_USERS_DELETES	Added in 9.10
RPT_PARAMS	Added in 9.10
RPT_RECREATE_INDEX	Added in 9.10
RPT_RERUN_STATUS	Added in 9.10
RPT_RM_FACT_CNTL	Added in 9.10
RPT_RM_RSC_RP_ENTRIES	Added in 9.10
RPT_RSC_RPDE_DELETES	Added in 9.10
RSC_RESOURCES	Modified in 9.10
SM_RFC	Added in 9.10
TEMP_TBL1	Deleted in 8.00 SP1
TEMP_UTIL_SOURCE	Deleted in 8.00 SP1
TM_TIME_SHEETS	Modified in 9.10
TM_WORK_UNITS	Modified in 9.10

Table 3-9. Table changes (page 8 of 8)

Table	Impact
VALIDATION_ERRORS	Deleted in 9.10
WP_CALENDAR_CONSTRAINTS	Modified in 9.10
WP_TASK_ACTUALS	Modified in 9.10
WP_TASK_COSTS	Modified in 9.10
WP_TASK_INFO	Modified in 9.10
WP_USER_DATA	Modified in 9.10

Views

Table 3-10 lists the views that have been changed or added since PPM Center version 8.00.

Table 3-10. View changes (page 1 of 2)

View	Impact
RPT_DIM_BUSINESS_OBJ_MV	Added in 9.10
RPT_DIM_FM_FCST_ACTUAL_LINE_MV	Added in 9.10
RPT_DIM_FM_FCST_ACTUAL_MV	Added in 9.10
RPT_DIM_FM_FIN_SUMMARY_MV	Added in 9.10
RPT_DIM_FM_KNTA_LOOKUPS_MV	Added in 9.10
RPT_DIM_ORG_UNITS_MV	Added in 9.10
RPT_DIM_PROGRAMS_MV	Added in 9.10
RPT_DIM_PROGRAM_CONTENT_MV	Added in 9.10
RPT_DIM_PROJECTS_MV	Added in 9.10
RPT_DIM_REGIONS_MV	Added in 9.10
RPT_DIM_TM_ACTIVITIES_MV	Added in 9.10

Table 3-10. View changes (page 2 of 2)

View	Impact
RPT_DIM_TM_CHARGE_CODES_MV	Added in 9.10
RPT_DIM_TM_PERIODS_MV	Added in 9.10
RPT_FCT_FM_FA_APPROVED_MV	Added in 9.10
RPT_PPM_AGGR_WRK_DAYS_MV	Added in 9.10
RPT_PPM_AGGR_WRK_DAYS_MV	Added in 9.10
KRSC_ORG_UNITS_V	Modified in 9.10

Entity Changes

The section describes the major changes to the HP-provided entities—access grants, licenses, portlets, report types, request types, special commands, tokens, validations, and workflows—in this version, as compared to version 8.00. Some changes were introduced in version 7.5 and 8.00 service packs as noted. This section specifically identifies changes made in version 7.5 SP4, SP5, and SP6, and version 8.00.01 (8.00 SP1).

Access Grants

Table 3-11. Access grant changes (page 1 of 2)

Entity Name	Impact
Configure Portfolio Management	Modified in 9.10
Create MSPS Resource Mapping	Added in 9.10
Edit Actuals on All Financial Summaries	Added in 9.10
Edit Actuals on Financial Summary	Added in 9.10
Edit All Portfolios	Added in 9.10

Table 3-11. Access grant changes (page 2 of 2)

Entity Name	Impact
Edit Costs on All Financial Summaries	Renamed to Edit Actuals on All Financial Summaries
Edit Costs on Financial Summary	Renamed to Edit Actuals on Financial Summaries
Edit MSPS Resource Mapping	Added in 9.10
Edit Portfolio	Added in 9.10
Portfolio Manager	Renamed to View All Portfolios and modified in 9.10
Promise Unspecified Resources	Added in 9.10
View All Portfolios	Added in 9.10

Licenses

There are no changes to licenses for version 9.10.

Portlets

Table 3-12. Portlet changes

Entity Name	Impact
Financial Comparison	Added in 8.00 SP1
Financial Summary to Financial Data Comparison	Added in 8.00 SP1
Program Contents List	Added in 9.10
Program Cost Summary	Modified in 9.10
Program List	Modified in 9.10
Program Project List (replaced by Program Contents List)	Replaced in 9.10

Report Types

There are no changes to report types for version 9.10.

Request Header Type Field Groups

Table 3-13. Request header type field group changes

Entity Name	Impact
Service	Added in 9.10

Request Types

Table 3-14. Request type changes

Entity Name	Impact
PFM-Asset	Modified in 9.10
PFM-Project	Modified in 9.10
PFM-Proposal	Modified in 9.10

Special Commands

Table 3-15. Special command changes

Entity Name	Impact
ksc_clear_staffingprofile_forecast_assignment	Added in 9.10

Validations

Table 3-16. Validation changes

Entity Name	Impact
CST - Budget Entities	Modified in 9.10
CST - Program Names	Modified in 9.10
FINANCIAL BENEFIT AVOIDANCE CATEGORY List	Editable in 9.10
Financial Benefits Revenue Category List	Editable in 9.10
PM - Programs	Modified in 9.10
PM - Programs (Restricted)	Modified in 9.10
PMO - All Cost Enabled Programs	Modified in 9.10
PMO - Program Projects	Modified in 9.10
Service List	Added in 9.10
Service List Data	Added in 9.10
Service List uCMDB	Added in 9.10

Workflows

Table 3-17. Workflow changes

Entity Name	Impact
Program Risk Management Process	Added in 9.10

4 System Requirements and Configuration Updates

Overview of System Modifications

This chapter highlights the system software and configuration changes for this version of PPM Center. Unless otherwise indicated, the changes described in this chapter are relative to version 9.10.



See the *System Requirements and Compatibility Matrix* for details specific to the platform environments.

server.conf File Changes

This section describes the changes to the `server.conf` file in this version.

Additions and Modifications

The `server.conf` file parameters in *Table 4-1* have been added in this version or the goal of the parameter was modified (for example, the parameter is used for a different purpose or the allowable values have changed). See the *Installation and Administration Guide* for details about these parameters.

Table 4-1. New or modified server.conf parameters (page 1 of 4)

Parameter Name	Brief Description
ARP_PORTLET_MAX_RESOURCE_POOLS	<p>Maximum number of resources to be represented in the Analyze Resource Pool portlet in HP Resource Management.</p> <p>If the resource pool count exceeds the set value, the PPM Server stops calculating and displays no result in the portlet.</p>
AUTO_COMPLETE_LONG_TYPE_CULLTEXT_REQUIRED	<p>Enables/disables the ability to display an auto-complete dialog without results. This allows the user to filter the results instead of displaying all results.</p>
dashboard.List-Column-Header-Size	<p>The number of characters displayed in the column title of list portlets. If the column title contains more characters, the column title is truncated. The default is 20 characters.</p>
ENABLE_MOBILITY_ACCESS_SERVICE [7.5 SP4]	<p>Enables/disables the Mobility Access Service.</p>
ENABLE_PORTLET_FULL_RESULTS_SORTING	<p>Enables sorting of portlet results.</p>
ENABLE_PROMISE_RESOURCE_ALLOCATION	<p>Enables/disables the allocation of promised resources. Promised resources or allocations are resource allocations who are not specifically named or identified. They can be used when a resource is allocated but the resource is not defined in PPM Center (for example, a subcontractor) or to commit a resource and then assign a specific resource at a later time.</p>
ENABLE_TM_ALLOW_EMPTY_ITEM	<p>Allows users to, or prohibits users from submitting time sheets having lines with no data. Also allows submission of such time sheets but only after a message is presented to users.</p>
ENABLE_TMPM_SYNC_SERVICE [7.5 SP5]	<p>Enables/disables the TM-PM Sync Service, which synchronizes time sheet updates from HP Time Management to project work plan tasks in HP Project Management, at the interval specified in the TMPM_SYNC_SERVICE_INTERVAL server.conf parameter.</p>

Table 4-1. New or modified server.conf parameters (page 2 of 4)

Parameter Name	Brief Description
HTTPS_CIPHERS [8.00 SP1]	Comma-separated list of ciphers the server will allow for SSL/TLS connections. If not specified, allows any cipher available in JDK to be negotiated by the SSL/TLS client.
HTTPS_PROTOCOL [8.00 SP1]	Enables selecting which version of SSL/TLS clients the server will accept. (Default is TLS).
MOBILITY_ACCESS_SERVICE_INTERVAL [7.5 SP4]	Interval of the Mobility Access Service (minutes).
PROJ_COST_ROLL_UP_DURATION_IN_DAYS	The maximum length of a project, in days, on which cost roll-up calculations are performed. Cost rollups are not performed on projects whose duration is longer than this value.
PV_USE_ACTIVE_BASELINE_DATES [7.5 SP5]	Allows users to, or prohibits users from using the Planned Value (PV) calculation algorithm, which uses projects' active baseline dates instead of their scheduled dates.
SERVICE_LIST_SOURCE	See the <i>HP Solution Integrations Guide</i> .
SERVICE_LIST_UCMDB_CACHE_TIMEOUT	See the <i>HP Solution Integrations Guide</i> .
SERVICE_LIST_UCMDB_CI_MAPPINGS	See the <i>HP Solution Integrations Guide</i> .
SERVICE_LIST_UCMDB_CI_TYPE	See the <i>HP Solution Integrations Guide</i> .
SERVICE_LIST_UCMDB_WS_MAX_CI_NUMBER	See the <i>HP Solution Integrations Guide</i> .
SM_RFC_INTEGRATION_ENABLED [7.5 SP4]	See the <i>HP Solution Integrations Guide</i> .
SM_PASSWORD [7.5 SP4]	See the <i>HP Solution Integrations Guide</i> .
SM_URL [7.5 SP4]	See the <i>HP Solution Integrations Guide</i> .
SM_USERNAME [7.5 SP4]	See the <i>HP Solution Integrations Guide</i> .
SM_WEB_URL [7.5 SP4]	See the <i>HP Solution Integrations Guide</i> .
TM_DISABLE_INCLUDING_LAST_TS_ITEMS	Enables/disables the option for users to include (copy) items from a time sheet for the most recent previous period when they create a new time sheet.

Table 4-1. New or modified server.conf parameters (page 3 of 4)

Parameter Name	Brief Description
TM_DYNAMIC_DESC_CHARS [7.5 SP6]	Allows the width of the Item column on each time sheet to vary as needed as items are added or removed.
TM_DYNAMIC_DESC_CHARS_MAX [7.5 SP6]	Maximum width available for the Item column on time sheets, in terms of approximate number of characters.
TMPM_SYNC_SERVICE_INTERVAL [7.5 SP5]	Interval of the TM-PM Sync Service (milliseconds). NOTE: HP strongly recommends retaining the default value of 3 hours.
UCMDB_SERVER_URL	URL of the Universal CMDB server: http://<UCMDB_Host>:<port>/ucmdb/ or https://<UCMDB_Host>:<port>/ucmdb where <UCMDB_Host> represents the host machine on which Universal CMDB is running. Note: If the Universal CMDB server is configured to support HTTPS, make sure you configure the UCMDB_SSL_KEYSTORE_PATH parameter.
UCMDB_SSL_KEYSTORE_PATH	Universal CMDB SSL keystore path, for example, /home/release/Instances/ucmdb80.keystore Only required when UCMDB_SERVER_URL parameter is configured to use HTTPS.
UCMDB_WS_MAX_CONNECTION_NUMBER	Maximum number of connections allowed to connect to Universal CMDB server via Web Service API.

Table 4-1. New or modified server.conf parameters (page 4 of 4)

Parameter Name	Brief Description
UCMDB_WS_PASSWORD	Universal CMDB user password for logging in through Web service. This password must be encrypted.
UCMDB_WS_USER	Universal CMDB user name for logging in through Web service, for example, <code>admin</code> .
USE_HTTPONLY [8.00 SP1]	Enables/disables the HTTPOnly flag for selected cookies used by the PPM Server.

Deletions

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



Some of these parameters have been superseded by the new background services controls available from the standard interface.

Table 4-2. Deleted server.conf parameters

Parameter Name
EFFORT_DECOMPRESSION_INTERVAL
ENABLE_EFFORT_DECOMPRESSION_SERVICE
ENABLE_PROGRAM_EDITABLE_FS
PM_NUM_EDIT_TASKS

Index

A

- access grants
 - changes in version 9.10, [57](#)
- Admin Console interface, [18](#)
- administration improvements in version 9.10, [34](#)
- ALM, [36](#)
- Application Lifecycle Management
 - See* ALM *entries*.

C

- compatibility
 - Extensions, [44](#)
 - migrators, [46](#)
 - Oracle database, [40](#)
- configuration updates, [61](#)
- customizations, [48](#)

D

- data model
 - changes in version 9.10, [49](#)
- data model tables
 - changes in version 9.10, [49](#)
- Demand Vs Capacity report, [20](#)
- documentation, [14](#)
 - title changes in version 9.10, [14](#)

E

- Extensions compatibility, [44](#)

F

- Financial Management
 - new features, [28](#)
- Financial Summary report, [20](#)

H

- highlights of changes in version 8.10, [9](#)

I

- integrations, [12](#), [36](#)
 - ALM, [36](#)
 - service portfolio, [37](#)
 - work plan tasks with HP Service Manager RFCs, [38](#)
- introduction to changes in version 9.10, [9](#)

L

- languages
 - supported for MLU, [17](#)
- licenses
 - changes in version 9.10, [58](#)

M

- migrators compatibility, [46](#)
- MLU

languages supported, **17**

O

Operational Reporting, **19, 20**
 customized reports, **20**

Oracle database compatibility, **40**

P

performance improvements, **34**

Portfolio Management
 new features, **10, 21**

portlets
 changes in version 9.10, **58**

preconfigured reports, **20**

Program Management
 new features, **28**

Project Management
 new features, **31**

R

report types
 changes in version 9.10, **59**

reports
 customized operational reports, **20**
 Demand Vs Capacity report, **20**
 Financial Summary report, **20**
 Operational Reporting, **19**
 preconfigured operational reports, **20**
 Time Sheet Compliance report, **20**

request header type field groups
 changes in version 9.10, **59**

request types
 changes in version 9.10, **59**

Resource Management
 new features, **10, 22**

S

server.conf file
 changes in version 9.10, **61**

service portfolio, **37**

solutions, **13, 36**

special commands
 changes in version 9.10, **59**

system requirements updates, **61**

T

tables, data model
 changes in version 9.10, **49**

Time Management
 new features, **10**

Time Sheet Compliance report, **20**

U

upgrade
 access grant changes, **57**
 compatibility
 Extensions, **44**
 migrators, **46**
 Oracle database, **40**
 considerations, **13**
 customizations, **48**
 data model changes, **49**
 data model table changes, **49**
 impacts, **39**
 license changes, **58**
 path, **39**
 portlet changes, **58**
 report type changes, **59**
 request header type field group changes, **59**
 request type changes, **59**
 special command changes, **59**
 validation changes, **60**
 workflow changes, **60**

usability enhancements
 Admin Console interface, **18**

usability enhancements in version 9.10, **18**

V

validations

changes in version 9.10, **60**

W

Web services

new features, **12, 34**

workflows

changes in version 9.10, **60**

