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PeopleSoft Human Capital Management 9.2 (through Update Image 24) Hardware and Software Requirements

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Hardware and Software Requirements

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About this Documentation

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Understanding This Documentation

This documentation is designed to inform you about the minimum technical requirements for the installation of your Oracle's PeopleSoft application. It lists and describes the hardware requirements, software requirements, database requirements, and any other requirements that are specific to the installation of the application.

In addition, this document purposely provides a high-level view without specifics such as version numbers that may quickly become out-of-date. There are several additional resources described in this hardware and software requirements guide from which you can obtain the latest information, such as details about supported platforms and version numbers.

This guide contains the hardware and software requirements for the PeopleSoft application that you are installing. To carry out the installation, you also need the Oracle's PeopleSoft PeopleTools hardware and software requirements. You can access the PeopleSoft PeopleTools hardware and software requirements for your new release from the Certifications tab on My Oracle Support.

Note. This documentation is a supplement to the PeopleSoft PeopleTools hardware and software requirements. It discusses the additional requirements specific to this PeopleSoft application. Use this guide along with your PeopleSoft PeopleTools and licensed PeopleSoft application installation guides. You can access all PeopleSoft application installation and hardware and software guides on My Oracle Support.

Audience

This documentation is written for the individuals responsible for installing and administering the PeopleSoft environment. This documentation assumes that you have a basic understanding of the PeopleSoft system. One of the most important components in the installation and maintenance of your PeopleSoft system is your on-site expertise.

You should be familiar with your operating environment and RDBMS and have the necessary skills to support that environment. You should also have a working knowledge of:

- SQL and SQL command syntax.
- PeopleSoft system navigation.
- PeopleSoft windows, menus, and pages, and how to modify them.
- Microsoft Windows.

In addition, if you are installing the PeopleSoft HCM 9.2 In-Memory Labor Rules and Monitoring product, you should also have a working knowledge of:

- PeopleTools Exalogic VM Template installation.
- PeopleTools Web Application Deployment tool.
- Oracle WebLogic installation.
- OPA installation and deployment.
- OPA Rule Base deployment
- OPM installation.

Oracle recommends that you complete training, particularly the PeopleSoft Server Administration and Installation course, before performing an installation.

See Oracle University, http://education.oracle.com.

Typographical Conventions

To help you locate and understand information easily, the conventions described in the following table are used in this documentation:

Convention	Description
Monospace	Indicates a PeopleCode program or other code, such as scripts that you run during the install. Monospace is also used for messages that you may receive during the install process.
Italics	Indicates field values, emphasis, and book-length publication titles. Italics is also used to refer to words as words or letters as letters, as in the following example: Enter the letter *O*.
Initial Caps	Field names, commands, and processes are represented as they appear on the window, menu, or page.
lower case	File or directory names are represented in lower case, unless they appear otherwise on the interface.
Menu, Page	A comma (,) between menu and page references indicates that the page exists on the menu. For example, "Select Use, Process Definitions" indicates that you can select the Process Definitions page from the Use menu.
Cross-references	Cross-references that begin with *See* refer you to additional documentation that will help you implement the task at hand. We highly recommend that you reference this documentation. Cross-references under the heading *See Also* refer you to additional documentation that has more information regarding the subject.

Convention	Description
" " (quotation marks)	Indicate chapter titles in cross-references and words that are used differently from their intended meaning.
⇒ (line-continuation arrow)	A line-continuation arrow inserted at the end of a line of code indicates that the line of code has been wrapped at the page margin. The code should be viewed or entered as a continuous line of code, without the line-continuation arrow.
Note. Note text.	Text that begins with *Note.* indicates information that you should pay particular attention to as you work with your PeopleSoft system.
Important! Important note text.	A note that begins with *Important!* is crucial and includes information about what you need to do for the system to function properly.
Warning! Warning text.	A note that begins with *Warning!* contains critical configuration information or implementation considerations; for example, if there is a chance of losing or corrupting data. Pay close attention to warning messages.

Related Information

Oracle provides reference information about PeopleSoft PeopleTools and your particular PeopleSoft application.

The following resources are available on My Oracle Support.

See My Oracle Support, https://support.oracle.com.

- Certifications: On the Certifications tab you can find the latest information on our certified database and operating system configurations. Information about PeopleSoft supported platforms serve as a definitive resource for supported products and their version numbers. Go to My Oracle Support, select the Certifications tab, and search for the certification information for your product, release, and platform.

- Release Notes: These documentation updates delivered with every PeopleSoft PeopleTools application release explain new features and changes and summarize resolved incidents.

- Upgrade Information: To find tools and instructions for performing upgrades from previous PeopleTools versions, go to My Oracle Support, search for upgrade documentation, and then choose the PeopleSoft PeopleTools upgrade documentation for the appropriate release. To find tools and instructions for performing upgrades from previous PeopleSoft application releases, go to My Oracle Support and search for upgrade documentation. Choose the product family, such as Human Capital Management or Portal Solutions, and select the appropriate release.

- Installation Documentation: For a list of installation guides and notes for your products, go to My Oracle Support and search for installation documentation.

- Oracle Software and Documentation: You can download Oracle software products and documentation from the following web sites:

  - Oracle Software Delivery Cloud: http://edelivery.oracle.com

  - Oracle Technology Network (OTN): http://www.oracle.com/technology/index.html

- Product documentation for PeopleSoft PeopleTools and PeopleSoft applications is available at the Oracle

PeopleSoft Online Help (PeopleBooks) site.

See Oracle PeopleSoft Online Help,
http://docs.oracle.com/cd/E17566_01/epm91pbr0/eng/psbooks/psft_homepage.htm.

Comments and Suggestions

Your comments are important to us. We encourage you to tell us what you like, or what you would like changed about our documentation, and other Oracle reference and training materials.

Please send your suggestions to: PSOFT-Infodev_US@oracle.com

While we cannot guarantee to answer every email message, we pay careful attention to your comments and suggestions. We are always improving our product communications for you.

Defining PeopleSoft Human Capital Management 9.2 Hardware and Software Requirements

This chapter discusses:

- Prerequisites
- Defining Database Size Requirements
- Defining Software Requirements and Options
- Defining PeopleSoft In-Memory Labor Rules and Monitoring and Oracle Policy Automation Hardware and Software Requirements

Prerequisites

If you have licensed PeopleSoft Global Payroll Core or PeopleSoft Absence Management, you need a Microsoft Windows Process Scheduler to run the Packager Utilities.

See the PeopleTools Installation guide for your database platform and current PeopleTools release for information on installing a Process Scheduler.

See the PeopleSoft Human Capital Management installation guide for information on installing Absence Management and Global Payroll Core.

Note. If your application contains COBOL programs, you must purchase a COBOL compiler. Refer to the section in this document titled "Reviewing COBOL Requirements for PeopleSoft HCM" for a list of the products that require COBOL and the supported COBOL compilers.

See Defining Software Requirements and Options.

Task 1-1: Defining Database Size Requirements

Size requirements for the PeopleSoft Human Capital Management (HCM) 9.2 Demo database, HRDMO, vary by platform. Oracle lists the size requirements for each platform in the PeopleSoft Human Capital Management 9.2 installation guide, available on My Oracle Support.

See the information on demo database sizes in the PeopleSoft Human Capital Management installation guide.

Task 1-2: Defining Software Requirements and Options

This section discusses:

- Reviewing Software Package Requirements for PeopleSoft HCM
- Reviewing COBOL Requirements for PeopleSoft HCM
- Reviewing Optional Software Packages for PeopleSoft HCM

Task 1-2-1: Reviewing Software Package Requirements for PeopleSoft HCM

The following table lists the software package requirements for PeopleSoft HCM 9.2 applications.

In the software package requirements for PeopleSoft HCM table:

- "R" indicates the software requirements necessary to use the corresponding PeopleSoft HCM application.
- "O" indicates optional software packages that are supported by the corresponding PeopleSoft application.
- "NA" indicates Not Applicable.

PeopleSoft Product	MS Word 2010	MS Outlook 2010 and 2013	iPlanet 4.11 or higher	Novell eDirectory 8.5 or higher	MS Active Directory
Absence Management	NA	O	NA	NA	NA
Benefits Administration	NA	NA	NA	NA	NA
Candidate Gateway	O	O	NA	NA	NA
Directory Interface	NA	NA	R/O	R/O	R/O
eBenefits	NA	NA	NA	NA	NA
eCompensation	NA	NA	NA	NA	NA
eCompensation Manager Desktop	NA	NA	NA	NA	NA
ePay	NA	NA	NA	NA	NA
ePerformance	NA	O	NA	NA	NA
eProfile	NA	NA	NA	NA	NA
eProfile Manager Desktop	NA	NA	NA	NA	NA
Global Payroll for Argentina	NA	NA	NA	NA	NA
Global Payroll for Australia	NA	NA	NA	NA	NA
Global Payroll for Brazil	NA	NA	NA	NA	NA
Global Payroll for China	NA	NA	NA	NA	NA

PeopleSoft Product	MS Word 2010	MS Outlook 2010 and 2013	iPlanet 4.11 or higher	Novell eDirectory 8.5 or higher	MS Active Directory
Global Payroll for France	NA	NA	NA	NA	NA
Global Payroll for Hong Kong	NA	NA	NA	NA	NA
Global Payroll for India	NA	NA	NA	NA	NA
Global Payroll for Japan	NA	NA	NA	NA	NA
Global Payroll for Malaysia	NA	NA	NA	NA	NA
Global Payroll for Mexico	NA	NA	NA	NA	NA
Global Payroll for Netherlands	NA	NA	NA	NA	NA
Global Payroll for New Zealand	NA	NA	NA	NA	NA
Global Payroll for Singapore	NA	NA	NA	NA	NA
Global Payroll for Spain	NA	NA	NA	NA	NA
Global Payroll for Switzerland	NA	NA	NA	NA	NA
Global Payroll for Thailand	NA	NA	NA	NA	NA
Global Payroll for UK	NA	NA	NA	NA	NA
Global Payroll for Core	NA	NA	NA	NA	NA
Global Payroll for United States	NA	NA	NA	NA	NA
Help Desk for HR	NA	NA	NA	NA	NA
HCM Portal Pack	NA	NA	NA	NA	NA
Human Resources	NA	NA	NA	NA	NA
Payroll for North America	NA	NA	NA	NA	NA
Payroll Interface	NA	NA	NA	NA	NA

PeopleSoft Product	MS Word 2010	MS Outlook 2010 and 2013	iPlanet 4.11 or higher	Novell eDirectory 8.5 or higher	MS Active Directory
Pension Administration	R	NA	NA	NA	NA
Stock Administration	NA	NA	NA	NA	NA
Talent Acquisition Manager	O	O	NA	NA	NA
Time and Labor	Conditionally Required for Oracle Policy Automation (OPA) for Time and Labor In-Memory Labor Rules and Monitoring.	NA	NA	NA	NA
Labor Rules Monitoring	R	NA	NA	NA	NA

Task 1-2-2: Reviewing COBOL Requirements for PeopleSoft HCM

The following table lists the PeopleSoft HCM 9.2 products for which COBOL is required:

Product	COBOL Requirements
Absence Management	Required
Base Benefits	Conditionally Required for: Leave Accrual processing and Benefits Billing.
Benefits Administration	Required
Cobra Administration	Required
Global Payroll Core	Required
Global Payroll for Argentina	Required
Global Payroll for Australia	Required
Global Payroll for Brazil	Required
Global Payroll for China	Required
Global Payroll for France	Required

Product	COBOL Requirements
Global Payroll for Hong Kong	Required
Global Payroll for India	Required
Global Payroll for Japan	Required
Global Payroll for Malaysia	Required
Global Payroll for Mexico	Required
Global Payroll for The Netherlands	Required
Global Payroll for New Zealand	Required
Global Payroll for Singapore	Required
Global Payroll for Spain	Required
Global Payroll for Switzerland	Required
Global Payroll for Thailand	Required
Global Payroll for United Kingdom	Required
Global Payroll for United States	Required
Human Resources	Conditionally Required for: Festive Advances, Federal HCM Central Personnel Data File processing, Education and Government, Commitment Accounting, Tenure, Flexible Service, and Faculty Events processing.
Payroll Interface	Required
Payroll for North America	Required
Pension Administration	Required

Note. COBOL is not required for PeopleSoft PeopleTools or for applications that contain no COBOL programs. If one of the products in your application contains COBOL programs, then you need to purchase a COBOL compiler.

See PeopleSoft Enterprise Frequently Asked Questions About PeopleSoft and COBOL Compilers, My Oracle Support, Doc ID 747059.1.

The following table lists COBOL compilers by operating system:

COBOL Compiler	Operating System
Micro Focus COBOL	Microsoft Windows, UNIX, Linux
IBM COBOL for AIX	AIX 3.1
IBM Enterprise COBOL for z/OS	z/OS
IBM Rational Developer for System z v7.6 (RDz 7.6)	Microsoft Windows

For more information on COBOL see the PeopleSoft PeopleTools installation documentation.

See the PeopleTools installation guide for your database platform and current PeopleTools release, "Installing and Compiling COBOL on UNIX."

See the PeopleTools installation guide for your database platform and current PeopleTools release, "Installing and Compiling COBOL on Windows."

Task 1-2-3: Reviewing Optional Software Packages for PeopleSoft HCM

This section discusses:

• Reviewing PeopleSoft HCM Optional Software Packages for Additional Component Applications
• Reviewing PeopleSoft HCM Optional Software Packages for Search

Reviewing PeopleSoft HCM Optional Software Packages for Additional Component Applications

The following table lists optional software packages for PeopleSoft HCM 9.2 applications and additional component (third-party) applications.

This table only includes the products that have designated optional software packages. Applications that are not listed do not have designated optional software packages.

In the optional software packages for additional component applications table:

• "O" indicates optional software packages that the corresponding PeopleSoft application supports.
• "NA" indicates Not Applicable.
• "C" indicates Conditionally Required.

See the notes below the table for more information.

PeopleSoft Product	Visio 2007	MS Word 2007	MS Excel 2007	Vertex	Vpmeld8.01	Kronos	Simplex
eBenefits	NA	NA	NA	NA	NA	NA	NA

PeopleSoft Product	Visio 2007	MS Word 2007	MS Excel 2007	Vertex	Vpmeld8.01	Kronos	Simplex
Human Resources	O	O	O	O	O (for The Netherlands)	NA	NA
Pension Administration	NA	NA	O	NA	NA	NA	NA
Talent Acquisition Manager[1]	NA	O	NA	NA	NA	NA	NA
Time and Labor	NA	C[2]	NA	NA	NA	O	O

[1] For more information on Talent Acquisition Manager, see the PeopleSoft product documentation.

See the information on installing PeopleSoft Talent Acquisition Manager in the PeopleSoft Human Capital
Management installation guide.

See *PeopleSoft HCM: PeopleSoft Talent Acquisition Manager.*

[2] MS Word 2007 is conditionally required for Oracle Policy Automation (OPA) for Time and Labor In-Memory
Labor Rules and Monitoring.

Reviewing PeopleSoft HCM Optional Software Packages for Search

The following table lists optional software packages for PeopleSoft HCM 9.2 applications and Search.

In the optional software packages for Search table:

- "R" indicates required.
- "O" indicates optional.

Products	Oracle Search*
Absence Management	O
Base Benefits	O
Candidate Gateway	R
Career Planning	O
eCompensation Manager Desktop	O
ePerformance Management	O
eProfile Manager Desktop	O
Global Payroll	O

Products	Oracle Search*
Human Resources	O
Payroll for North America	O
Profile Management	R
Succession Planning	O
Talent Acquisition Manager	R
Time and Labor	O

Note. In 8.56, Elasticsearch is the only supported search engine.

See the PeopleSoft Human Capital Management installation guide.

Task 1-3: Defining PeopleSoft In-Memory Labor Rules and Monitoring and Oracle Policy Automation Hardware and Software Requirements

This section discusses:

- Defining PeopleSoft HCM 9.2 Labor Rules and Monitoring and Oracle Policy Automation Software Requirements
- Defining PeopleSoft HCM 9.2 Labor Rules and Monitoring and Oracle Policy Automation Hardware Requirements

Task 1-3-1: Defining PeopleSoft HCM 9.2 Labor Rules and Monitoring and Oracle Policy Automation Software Requirements

Oracle's PeopleSoft HCM 9.2 In-Memory Labor Rules and Monitoring product is intended to run on Oracle Exalogic In-Memory hardware. Oracle Exalogic In-Memory hardware supports only the Oracle WebLogic Server.

PeopleSoft In-Memory Labor Rules and Monitoring uses Oracle Policy Automation (OPA) to run the application. To use OPA, you need the following Oracle products:

- Oracle WebLogic Server to run the Determinations Server and Labor Policy rules
- Oracle Determinations Server for Java supported on the following operating systems:
  - Linux environments
  - Oracle Solaris on Sparc
  - Microsoft Windows server
- Oracle Policy Modeling (OPM) to define rules

Note. OPM only supports Microsoft Windows 32-bit and 64-bit CPUs, and requires Microsoft Office to maintain the rules.

- Microsoft Office
- Oracle Java Runtime
- Oracle JDK/32- and 64-bit
- Oracle Solaris on Sparc
- Oracle Linux
- PeopleTools 8.56 and higher

Task 1-3-2: Defining PeopleSoft HCM 9.2 Labor Rules and Monitoring and Oracle Policy Automation Hardware Requirements

The OPA Determinations Server and OPM run on the following hardware:

- Oracle Exalogic (recommended) or Oracle Linux x86-64

  Important! Oracle Linux x86-64 scalable OPA deployments will not be able to use Oracle Traffic Director. Oracle Traffic Director is only supported on Oracle Exalogic. Currently the PeopleTools Oracle Linux template does not include Oracle Policy Automation (OPA). See "PeopleSoft HCM 9.2 In-Memory Labor Rules and Monitoring Installation" for information about installing OPA.

- Oracle Sparc Supercluster
- Oracle Exadata (required)
- A desktop or laptop that supports Microsoft Windows 32–bit or 64–bit CPU for running the OPM client.