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PEOPLESOFT

Licensing Information User Manual for PeopleSoft Enterprise Learning Management 9.2

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Licensing Information User Manual for PeopleSoft Enterprise Learning Management 9.2
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Chapter 1

Introduction

Licensing Introduction

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Covered Products and Releases

The following Oracle products are covered by this document:

- PeopleSoft Enterprise Learning Management 9.2
- PeopleSoft PeopleTools 8.55

Note: For previous PeopleTools releases, see the document titled *Licensing Notes for Oracle's PeopleTools* for your release, located on [Oracle Technology Network \(OTN\)](#).

Chapter 2

PeopleSoft Enterprise Learning Management 9.2 Licensing

PeopleSoft ELM 9.2 Licensing Information

PeopleSoft ELM 9.2 Prerequisites, Entitled Products, and Restricted Use Licenses

<i>Product</i>	<i>Subproduct</i>	<i>Licensing Information</i>
PeopleSoft Enterprise Learning Management	Not applicable	<p>Entitled Products and Restricted Use Licenses</p> <p>The customer may use PeopleSoft PeopleTools to develop interfaces and modifications, including creation of new application data tables, only to the licensed PeopleSoft programs. Oracle will deliver these programs to you per the terms of the Delivery and Installation section.</p> <p>See PeopleTools 8.56 Licensing Information for licensing information that applies to PeopleTools.</p>
PeopleSoft Enterprise Learning Management	Not applicable	<p>Entitled Products and Restricted Use Licenses</p> <p><i>Third Party Images Provided with Sample Data</i></p> <p>Restricted Use: This Oracle software product includes sample images from Corbis Corporation (Corbis) that are provided for Oracle's demonstration purposes only. The images and their respective owners are listed in the <i>PeopleSoft ELM 9.2: Enterprise Learning Management</i> documentation, specifically the appendix titled "Third Party Images Provided with Sample Data." You do NOT receive a license to use the images under your agreement with Oracle. If you wish to use the images you must separately license them from Corbis, pursuant to the contact information listed below.</p> <p>Access the PDF documentation from the Oracle Technology Network at http://www.oracle.com/technetwork/documentation/psftent-090284.html. Click the PeopleSoft Documentation Portal link. Scroll down to the Enterprise Learning Management section. Click the View PDFs link next to "PeopleBooks and Online Help: Enterprise Learning Management 9.2" for your update image. Under "Learning Management," click the PeopleSoft ELM 9.2: Enterprise Learning Management link. Within the PDF file, navigate to the Appendix titled "Third Party Images Provided with Sample Data."</p> <p>Corbis Contact Information</p> <p>website: Corbis.com</p> <p>website: Veer.com</p> <p>Customer Service, Support, and Purchasing</p> <p>phone: +1.800.260.0444</p> <p>e-mail: sales@corbis.com</p>

Chapter 3

PeopleSoft PeopleTools 8.56 Licensing

PeopleTools 8.56 Licensing Information

PeopleTools 8.56 Product Editions and Permitted Features

When you license any PeopleSoft application, you automatically receive a restricted use license to PeopleSoft PeopleTools, as described in the licensing information for your PeopleSoft application.

Should you choose to purchase a separate license for PeopleSoft PeopleTools as a standalone product (in addition to the restricted use license included with PeopleSoft applications), the following editions are available:

- PeopleTools - Enterprise Development

Notwithstanding anything in the applicable license agreement to the contrary, PeopleTools - Enterprise Development shall be used solely to develop applications for internal data processing operations. In no event shall the customer market or distribute such applications.

For a complete list of entitled products and restricted use licenses that are provided with this product edition, see *Licensing Information User Manual for PeopleSoft PeopleTools* for your release.

- PeopleTools - Enterprise Development Starter Kit

Notwithstanding anything in the applicable license agreement to the contrary, PeopleTools - Enterprise Development Starter Kit shall be used solely by 5 named users to develop applications containing no more than a total of 20 components (as defined in the program documentation) for your internal data processing operations. In no event shall you market or distribute such applications.

For a complete list of entitled products and restricted use licenses that are provided with this product edition, see *Licensing Information User Manual for PeopleSoft PeopleTools* for your release.

PeopleTools 8.56 Prerequisites, Entitled Products, and Restricted Use Licenses

Product	Subproduct or Functional Area	Licensing Information
PeopleSoft PeopleTools	Application Server	Entitled Products and Restricted Use Licenses The Oracle Tuxedo license included with PeopleTools is a restricted use license that may only be used to run PeopleSoft applications. The use of this Tuxedo license outside of the scope of PeopleSoft applications is not permitted. Also see Oracle Tuxedo Third-Party Notices and/or Licenses .

Product	Subproduct or Functional Area	Licensing Information
PeopleSoft PeopleTools	Application Server, Batch Server and Tools Clients	<p>Entitled Products and Restricted Use Licenses Oracle’s Java Platform Standard Edition (Java SE) is included with PeopleTools and is intended only for use in conjunction with running PeopleSoft applications. If you use Java SE in any other way or if you use a different version of Java SE than that provided with PeopleTools, your use of Java SE is subject to the terms set forth at http://www.oracle.com/technetwork/java/javase/terms/license.</p> <p>Also see the third-party licenses in the Java SE 8 Third Party License Readme.</p>
PeopleSoft PeopleTools	Cloud Manager	<p>Prerequisite Products PeopleSoft Cloud Manager creates and maintains PeopleSoft environments on Oracle Cloud. For a customer to deploy and use PeopleSoft Cloud Manager, an Oracle Cloud Infrastructure as a Service (Oracle Cloud IaaS) subscription with sufficient capacity is required.</p> <p>A customer using PeopleSoft Cloud Manager is required to have separately purchased licenses for all of the PeopleSoft application products that will be installed/managed by PeopleSoft Cloud Manager for Oracle Cloud.</p> <p>To run PeopleSoft COBOL modules on Oracle Cloud, the customer is required to separately purchase a license for the Microfocus COBOL Server Express for Linux Compiler product.</p> <p>All PeopleSoft environments provisioned by the PeopleSoft Cloud Manager for Oracle Cloud will require the Oracle Database. Customers may choose a subscription to Oracle Database Cloud Service (DBCS) or Oracle Database Exadata Cloud Service (Exadata Service) to obtain a database license to run their PeopleSoft applications. For development and test environments, a database license may be purchased to use with a PeopleSoft database running on Oracle Cloud IaaS. Customers using PeopleSoft Cloud Manager to deploy PeopleSoft production environments are required to use either a DBCS or Exadata Service subscription for the provisioned database(s).</p> <p>PeopleSoft Cloud Manager can enable the monitoring of PeopleSoft environments on Oracle Cloud through Oracle Enterprise Manager, hosted on-premises. Customers using this monitoring feature must separately purchase licenses for the following products:</p> <ul style="list-style-type: none"> • Oracle Enterprise Manager • Oracle Hybrid Agent • Oracle Application Management Pack for PeopleSoft <p>Entitled Products and Restricted Use Licenses As a licensee of PeopleTools, you are entitled to install and configure the PeopleSoft Cloud Manager within Oracle Cloud. The Cloud Manager is an application that can be obtained from Oracle Cloud Marketplace. Cloud Manager ships on top of a PeopleSoft Interaction Hub database; however only Cloud Manager functionality is supported from the PeopleSoft Cloud Manager installation from Oracle Cloud Marketplace. PeopleSoft Interaction Hub functionality is not supported from the Cloud Manager installation. For PeopleSoft Interaction Hub functionality, please separately download and install the PeopleSoft Interaction Hub product.</p> <p>PeopleSoft Cloud Manager requires the use of Oracle Database 12c. As a licensee of PeopleTools, you are granted a restricted use license of Oracle Database Standard Edition 2 for the sole purpose of running PeopleSoft Cloud Manager on Oracle Cloud Infrastructure as a Service (Oracle Cloud IaaS).</p>

Product	Subproduct or Functional Area	Licensing Information
PeopleSoft PeopleTools	Cube Builder	Prerequisite Products Oracle Hyperion Essbase is shipped separately from PeopleTools (there are separate licensing components for the integration and the end-user product).
PeopleSoft PeopleTools	Database Server	Prerequisite Products PeopleTools supports and provides integration with Oracle Transparent Database Encryption (TDE) technology. TDE is a separately licensed product. TDE is bundled with Oracle Advanced Security Options (ASO).

Product	Subproduct or Functional Area	Licensing Information
PeopleSoft PeopleTools	Mobile Archive	<p>Entitled Products and Restricted Use Licenses</p> <p>PeopleSoft application programs include a mobile application archive or library (“Mobile Archive”) based on Oracle Mobile Application Framework Foundation.</p> <p>Your use of the Mobile Archive is limited to the following activities:</p> <ul style="list-style-type: none"> • Inserting your brand or logo where indicated (removing Oracle’s brands and logos, if any) in the Mobile Archive. • Modifying the Mobile Archive as permitted by the “Oracle Mobile Application Framework Foundation” section below. • Compiling, completing, and signing the Mobile Archive with your own mobile operating system-specific certificate(s), thereby creating a mobile application (“Mobile Application”). • Distributing the Mobile Application within your enterprise or entity to your internal users and/or to your third party end users (“End Users”). You may not distribute the Mobile Archive to End Users except those internal End Users involved with modifying, compiling, completing, and signing the Mobile Archive. <p>With respect to creating a Mobile Application, you acknowledge that you must separately agree to and abide by license terms with the applicable mobile operating system provider and possibly other third parties. For example, for iOS applications, you agree that the Mobile Application, in whole or in part, may not be installed on a mobile device or executed except as incorporated into an iOS application that has been signed using an appropriate Apple-issued certificate that you obtained directly from Apple and that is deployed in full compliance with your agreement with Oracle (including these terms) and license terms set forth in a separate agreement between you and Apple.</p> <p>Any Mobile Application distribution to End Users must be subject to a legally binding end user license agreement (the “EULA”) between you and each End User pertaining to the Mobile Application that must, at a minimum, contain the following terms:</p> <p>a) Include acknowledgements by you and the End User that the EULA is concluded between you and the End User only and that the following apply:</p> <p>i. You are solely responsible for each Mobile Application’s content, maintenance, and support.</p> <p>ii. You are solely responsible for addressing, settling, and discharging any claims of the End User or any third party relating to the Mobile Application or the End User’s possession and/or use of that Mobile Application, including, but not limited to product liability claims; any claim that the Mobile Application fails to conform to any applicable legal or regulatory requirement; any claims arising under consumer protection or similar legislation; and any claims that the End User’s possession and use of that Mobile Application infringes a third party’s intellectual property rights.</p> <p>b) Provide only a non-transferable, terminable license to the End User that prohibits (i) modifying or creating derivative works or (ii) decrypting, decompiling, reverse engineering, disassembling or attempting to derive the Mobile Application source code (unless such actions are expressly permitted by applicable law).</p> <p>c) Notify the End User that the Mobile Application is subject to a restricted license and can be used only in conjunction with the specific Oracle-based solution(s) for which it is designed.</p> <p>d) Provide no limitation of your liability to the End User beyond what is permitted by applicable law.</p>

Product	Subproduct or Functional Area	Licensing Information
		<p>e) Require the End User to comply fully with all relevant export laws and regulations of the U.S. and other applicable export and import laws to assure that the Mobile Application, nor any direct products thereof, is exported, directly or indirectly, in violation of applicable laws.</p> <p>f) State in the EULA your name and address to which any End User questions, complaints or claims with respect to the Mobile Application can be directed.</p> <p>g) State in the EULA that the End User must comply with applicable third-party terms when using the Mobile Application and that third-party components that may be appropriate or necessary for use with the Mobile Application are specified in the documentation for that program (or as otherwise notified by you) and that those third party components are licensed to the End User only for use with the Mobile Application under the terms of the third party license agreement specified in the documentation for that program (or as otherwise notified by you) and not under the terms of the EULA.</p> <p>h) State that the licenses provided in the EULA automatically terminate upon breach of the EULA terms and in addition that the licenses provided in the EULA may be terminated upon notice.</p> <p>i) State that upon termination of the EULA the End User must discontinue all use of the Mobile Application and to delete all copies of the Mobile Application.</p> <p>j) Disclaim in the EULA, to the extent permitted by applicable law, a third party’s liability for (a) any damages, whether direct, indirect, incidental, special, punitive or consequential, and (b) any loss of profits, revenue, data or data use, arising from use of the Mobile Application.</p> <p>k) Designate Oracle as a third party beneficiary. Oracle will have the right to enforce the EULA against the End Users.</p> <p>l) State that your licensors retain all ownership and intellectual property rights in the Mobile Application.</p> <p>You agree to inform Oracle promptly if you are aware of any breach of the EULA. You agree to be financially responsible to Oracle for all damages or losses caused by your failure to include the required contractual terms set forth above in each EULA between you and an End User.</p>

Product	Subproduct or Functional Area	Licensing Information
<p>PeopleSoft PeopleTools</p>	<p>Oracle Mobile Application Framework Foundation</p>	<p>Entitled Products and Restricted Use Licenses</p> <p>Oracle Mobile Application Framework Foundation (“MAF Foundation”) is included as a <i>restricted use component</i>. The following sections describe the applicable MAF Foundation usage rights and restrictions. The section titled “MAF Foundation Capabilities That May Be Used” below lists the MAF Foundation capabilities that may be used and what, if any, restrictions apply. The section titled “MAF Foundation Capabilities That May Not Be Used” below lists the MAF Foundation capabilities that may be not used. Any use of the capabilities described in the latter section requires an appropriate quantity of full use licenses for (a) Oracle Mobile Application Framework, or (b) Oracle Mobile Suite and Oracle Mobile Suite Client Runtime.</p> <p>MAF Foundation is the version of Oracle Mobile Application Framework that is restricted for use as described in this document. When MAF Foundation is included as a component within another Oracle product (the “Primary Product”) then, depending on the particular Primary Product, MAF Foundation may be included in the Primary Product, may be separately downloaded from Oracle Software Delivery Cloud, or may be downloaded as an extension to Oracle JDeveloper. JDeveloper is a prerequisite to using MAF Foundation and must be downloaded from Oracle Technology Network (“OTN”); see http://www.oracle.com/technetwork/developer-tools/jdev/downloads/index.html. Notwithstanding any other terms, use of JDeveloper is subject to the OTN license agreement associated with JDeveloper; view the license agreement at http://www.oracle.com/technetwork/licenses/jdev-license-152012.html.</p> <p>Definitions</p> <p>“Application Archive” refers to the MAF Foundation mobile application archive, which is an Oracle proprietary mobile application deployment format that can only be used with Oracle supported development tools. It is not related to or based on any non-Oracle application archive format, including iOS application archives.</p> <p>“Application Executable” refers to a mobile application executable installation file, such as an apk or ipa file.</p> <p>“Application Workspace” refers to a series of files making up the source code of a mobile application developed using MAF Foundation.</p> <p>“Data Control” refers to MAF Foundation mobile application artifacts that provides standard metadata interfaces to business services (such as web services) accessed by the mobile application.</p> <p>“Feature” refers to specific MAF Foundation mobile application artifacts that are the building blocks of a mobile application, where each Feature integrated into the mobile application performs a specific set of tasks.</p> <p>MAF Foundation Capabilities That May Be Used</p> <ul style="list-style-type: none"> • Sign and deploy Application Archive or Application Workspace into an Application Executable. <p>You may sign the mobile application with the appropriate certificates, and deploy the Application Archive or Workspace into an Application Executable.</p> <ul style="list-style-type: none"> • Make modifications to an Application Archive as specified, except as listed in “MAF Foundation capabilities that may be not used”. <p>The following modifications to Application Archives are allowed. For details of how to work with MAF Foundation Application Archives, consult the Mobile Application Framework Developer Guide.</p> <ol style="list-style-type: none"> i. Deploy a browser-based Oracle mobile application into MAF Foundation to run as Remote URL Feature(s).

Product	Subproduct or Functional Area	Licensing Information
		<p>ii. Access device-native services such as the notification framework or camera.</p> <p>iii. Change branding details such as mobile application/navigation bar icons and skins.</p> <p>iv. Modify business logic components and the user interface of the mobile application to align with your implemented business processes and customizations in the associated Oracle non-mobile application(s).</p> <ul style="list-style-type: none"> • Distribute Application Executable generated from Application Archive or Application Workspace. <p>You may distribute the Application Executable generated from an Application Archive to the extent permitted by, and in full compliance with, (a) the Oracle license terms associated with the Primary Product, and (b) any applicable third-party distribution terms and conditions required either by the mobile operating system provider or the application distribution platform provider (e.g., Apple Inc., Google, Inc.).</p> <ul style="list-style-type: none"> • Manage the mobile application using mobile application management (MAM) solutions. <p>You may use MAM solutions with mobile applications generated from an Application Archive; for example, wrapping the mobile application binaries with the containers provided by the MAM solution.</p> <p>MAF Foundation Capabilities That May Not Be Used</p> <ul style="list-style-type: none"> • Add a new Mobile Application Framework Feature. <p>You may NOT add a new MAF Feature such as AMX or Local HTML-based features, except when embedding a web-based Oracle Application as a Remote URL Feature.</p> <ul style="list-style-type: none"> • Add a Remote URL Feature to Applications outside of App License Agreement. <p>You may NOT add a Remote URL Feature pointing to any application or features that are not part of the Primary Product. For example, for an Application Archive shipped as part of the Oracle PeopleSoft application, add a Remote URL Feature pointing to Oracle Siebel CRM application or to third party applications.</p> <ul style="list-style-type: none"> • Add a new MAF Data Control. <p>You may NOT add a new Data Control to the MAF-based mobile Application Archive or Application Workspace. For example, a Web Service Data Control that exposes backend data services or a Bean Data Control that exposes custom Java code to the application’s user interface.</p> <p>Any use of these capabilities requires an appropriate quantity of full use licenses for (a) Oracle Mobile Application Framework, or (b) Oracle Mobile Suite and Oracle Mobile Suite Client Runtime.</p>

Product	Subproduct or Functional Area	Licensing Information
PeopleSoft PeopleTools	MultiChannel Framework	<p>Prerequisite Products</p> <p>If you are using a Cisco Computer Telephony Integration (CTI) system with the PeopleSoft CTI Java applet console, the assumption is that you already have a functioning and appropriately licensed Cisco system configured at your site. The Cisco Java API is shipped as part of the CTI applet; however, no other Cisco products are shipped with the PeopleSoft system.</p> <p>If you use Cisco CTI, you need a Cisco ICM Central Controller Server installed and configured before you begin installing your PeopleSoft CTI system.</p> <p>Your PeopleSoft application may require an IVR supported by Cisco and capable of passing call data to Cisco. This enables CTI components to attach data to incoming calls.</p> <p>For detailed information about specific PeopleSoft-supported versions, refer to My Oracle Support in the certifications area.</p>

Product	Subproduct or Functional Area	Licensing Information
PeopleSoft PeopleTools	PeopleSoft Interaction Hub	<p>Entitled Products and Restricted Use Licenses</p> <p>As a licensee of PeopleTools, you are entitled to install and configure a PeopleSoft Interaction Hub database and use the following restricted set of PeopleSoft Interaction Hub capabilities:</p> <ul style="list-style-type: none"> • User Experience Capabilities <ul style="list-style-type: none"> • Unified Navigation Framework – A common navigation interface for multiple PeopleSoft applications: <p>The Unified Navigation Framework federates all PeopleSoft application nodes in one common menu so users can access features of multiple PeopleSoft applications from a single system menu.</p> <p>The Unified Navigation WorkCenter is provided to manage and configure PeopleSoft unified navigation.</p> • PeopleSoft Interaction Hub Branding Framework - Facilitates branding across the entire PeopleSoft application infrastructure. • Email and Calendar Integration – The delivered pagelets can be used anywhere in the system. • Unified worklists and tasks. • Collaborative Capabilities • Use of Collaborative Workspaces including all delivered Workspace modules. Consuming the Workspace modules data anywhere in the system via pagelets or related services. • Related Content services – Discussions, Tags and Links – in any PeopleSoft application transaction. <p>The use of any PeopleSoft Interaction Hub capabilities not listed above requires the purchase of an unrestricted license.</p> <p>As a licensee of PeopleTools, you are authorized to use the following basic “portal” functions included within the base PeopleTools product:</p> <ul style="list-style-type: none"> • Personalize and customize the application homepage. • Create homepage tabs in the PeopleTools database. • Use the PeopleSoft Pagelet Wizard to create pagelets and publish them as WSRP portlets. • Consume pagelets between PeopleSoft applications. • Publish PeopleSoft component, iScript, and generic URL data as WSRP portlets. • Consume WSRP or JSR168 content from non-PeopleSoft applications or web sites if licensed by the third-party to do so. <p>You can easily extend an Application Portal Pack by creating additional pagelets and navigation pages using the portal capabilities included in PeopleTools.</p>

Product	Subproduct or Functional Area	Licensing Information
PeopleSoft PeopleTools	PeopleSoft Interaction Hub—Demo Database	<p>Entitled Products and Restricted Use Licenses Third Party Images Provided with Sample Data</p> <p>This Oracle software product includes sample images from Corbis Corporation (Corbis) and Getty Images (Getty) that are provided for Oracle's demonstration purposes only. The images and their respective owners are listed in the PeopleSoft Portal Solutions 9.1 documentation for <i>PeopleSoft Interaction Hub: Portal and Site Administration</i>, "Getting Started with PeopleSoft Interaction Hub," Using Third Party Images Provided with Sample Data. You do NOT receive a license to use the images under your agreement with Oracle. If you wish to use the images you must separately license them from Corbis or Getty, pursuant to the contact information listed below.</p> <p>Access the PDF documentation from the Oracle Technology Network at http://www.oracle.com/technetwork/documentation/psftent-090284.html, scroll down to the Portal Solutions – English section. Click the View Library link next to “PeopleSoft Portal Solutions 9.1 PeopleBooks - Revision 3 Online Documentation.” Click the PeopleSoft Interaction Hub 9.1: Portal and Site Administration link. Within the PDF file, navigate to Chapter 1, “Getting Started with PeopleSoft Interaction Hub,” Using Third Party Images Provided with Sample Data. To access the HTML version of this documentation, see http://docs.oracle.com/cd/E57068_01/ps91pbr5/eng/ps/psad/concept_UsingThirdPartyImagesProvidedWithSampleData.html#topofpage.</p> <p>Corbis and Getty Contact Information</p> <p>Corbis</p> <p>website: Corbis.com</p> <p>website: Veer.com</p> <p>Customer Service, Support, and Purchasing</p> <p>phone: +1.800.260.0444</p> <p>e-mail: sales@corbis.com</p> <p>Getty</p> <p>Getty website: Gettyimages.com</p> <p>Getty website: Gettyimages.com</p> <p>Customer Service, Support, and Purchasing</p> <p>phone: +1.323.202.4070</p> <p>e-mail: customersupport.west@gettyimages.com</p>
PeopleSoft PeopleTools	Optimization Framework	<p>Entitled Products and Restricted Use Licenses</p> <p>IBM’s ILOG CPLEX Optimizer product (ILOG CPLEX) is bundled and included free of additional cost with PeopleTools. PeopleTools's Optimization Framework uses IBM's ILOG CPLEX product to expose and provide optimization features for PeopleSoft Applications. No license is granted to use ILOG CPLEX for any other purpose; you must obtain a separate license from IBM in order to use ILOG CPLEX for any other purpose.</p>

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/ zlib.h -- interface of the 'zlib' general purpose compression library*

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JPython was created in late 1997 by Jim Hugunin. Jim was also the primary developer while he was at CNRI. In February 1999 Barry Warsaw took over as primary developer and released JPython version 1.1.

In October 2000 Barry helped move the software to SourceForge where it was renamed to Jython. Jython 2.0 and 2.1 were developed under the Jython specific license below.

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Oracle Tuxedo Prerequisites, Entitled Products, and Restricted Use Licenses

Oracle Tuxedo provides the foundation for the Oracle Tuxedo product family. Oracle Tuxedo includes the following components:

- Oracle Tuxedo Server
- Oracle Tuxedo Standalone Clients

Add-on Products for Oracle Tuxedo

The Oracle Tuxedo product family consists of the following add-on products. Some of these products are included in the Oracle Tuxedo installer, however, a license to Oracle Tuxedo does not include a license to these add-on products. A license to Oracle Tuxedo is a prerequisite to license and use each add-on product.

Tuxedo Server Components

Oracle Tuxedo Jolt provides Java-based client API to access the Oracle Tuxedo application services extending functionality of existing Oracle Tuxedo applications to Intranet- and Internet-wide availability. The Jolt client API can be used in standalone mode or from within an application server, such as Oracle WebLogic server.

Oracle Tuxedo Jolt consists of two components: Oracle Tuxedo Jolt server and Oracle Tuxedo Jolt client. Oracle Tuxedo Jolt must be separately licensed for each computer where the Oracle Tuxedo Jolt server component is installed. A license to Oracle Tuxedo Jolt includes the Tuxedo Jolt client software.

- Oracle Services Architecture Leveraging Tuxedo (SALT)

Oracle SALT enables access to Oracle Tuxedo services as web services as well as enables Oracle Tuxedo applications to access Web services hosted outside of the Oracle Tuxedo domain.

- Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Oracle TSAM monitors and manages system servers, application servers, and application transactions. A license to Oracle TSAM Plus is required for each computer that you want to monitor and manage using Oracle TSAM Plus. A license to Oracle TSAM Plus entitles you to run one or more instances of TSAM Plus Manager component on the computer.

A license to Oracle TSAM Plus includes a license to the plugin for Oracle Enterprise Manager Cloud Control (OEM CC) 12c to manage one Oracle Tuxedo node.

Restricted use: A license to Oracle TSAM Plus includes a restricted use license to Oracle WebLogic Server Standard Edition. Use of Oracle WebLogic Server Standard Edition is restricted to running the Oracle Tuxedo System and Applications Monitor Plus Web Console.

- Oracle Tuxedo JCA Adapter

Oracle Tuxedo JCA Adapter enables bi-directional access between Tuxedo services and Java Enterprise Edition (Java EE) application servers.

Oracle Tuxedo JCA Adapter must be licensed on the node which is running the Java EE application server, and which is communicating with Oracle Tuxedo Services.

- Oracle Tuxedo Mainframe Adapters (SNA and TCP)

Oracle Tuxedo Mainframe Adapters (SNA and TCP) provide bi-directional and transactional connectivity between Oracle Tuxedo and CICS/IMS services running on IBM or Unisys mainframes. These adapters support automatic data conversion to and from HOST formats.

- Oracle Tuxedo Application Runtime (ART) for CICS and Batch

Oracle Tuxedo Application Runtime (ART) for CICS and Batch supports rehosting of IBM CICS and batch mainframe applications to Oracle Tuxedo. It provides a combination of APIs and services that allows OLTP and Batch mainframe applications to run unchanged, preserving investment in business logic and data.

- Oracle Tuxedo Application Runtime (ART) for Batch

Oracle Tuxedo Application Runtime (ART) for Batch enables rehosting of mainframe batch applications to Oracle Tuxedo running on open systems.

- Oracle Tuxedo Application Runtime (ART) for IMS

Oracle Tuxedo Application Runtime (ART) for IMS supports IBM IMS TM mainframe applications rehosted to Oracle Tuxedo.

- Oracle Tuxedo Application Rehosting (ART) Test Manager

Oracle Tuxedo Application Rehosting (ART) Test Manager is a tool for managing and automating testing of rehosted CICS, IMS, and Batch applications running on Tuxedo Application Runtimes.

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- Oracle Tuxedo Advanced Performance Pack

Oracle Tuxedo Advanced Performance Pack consists of following features:

- Routing of all Oracle Database (Database) requests from a global transaction to same Oracle Real Application Cluster (RAC) instance using XA affinity and common XID
- Automatic, real time load balancing across available RAC, Database nodes
- Auto failover/failback across RAC and Database nodes
- Auto SPINCOUNT tuning
- Shared memory queues

- Efficient Transaction Table Locking

The number of licenses to Oracle Tuxedo Advanced Performance Management Pack must match the number of licenses to Oracle Tuxedo.

Independent Products

The following products in the Oracle Tuxedo product family are separately licensed without any dependency on any other products.

- Oracle Tuxedo Application Rehosting Workbench

Oracle Tuxedo Application Rehosting Workbench is used for mainframe application rehosting.

- Oracle Tuxedo Message Queue

Oracle Tuxedo Message Queue is an enterprise messaging product. Oracle Tuxedo Message Queue must be licensed for each node it is installed on.

- Oracle Tuxedo Optimizations for Exalogic Elastic Cloud Software

The following sections describe the following Oracle Tuxedo optimizations for Oracle Exalogic Elastic Cloud Software:

- Oracle Tuxedo Optimization for Inter-node Communication

Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to provide inter-node communication within an Oracle Tuxedo domain.

- Socket Direct Protocol for Exalogic Elastic Cloud Software

Oracle Exalogic Elastic Cloud can be configured to utilize the socket direct protocol for Oracle Tuxedo network channels and Oracle Database connectivity.

- Oracle Tuxedo Optimization for Lock Mechanism

Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to tune the bulletin board lock mechanism in an Oracle Tuxedo domain.

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`888' `8' `888 `Y88. `8888 d8'

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