

**Oracle® Enterprise Manager**

Licensing Information

10g Release 3 (10.2.0.3.0)

**B40010-01**

January 2007

Oracle Enterprise Manager Licensing Information, 10g Release 3 (10.2.0.3.0)

B40010-01

Copyright © 2007, Oracle. All rights reserved.

Primary Author: Michael Zampiceni

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software—Restricted Rights (June 1987). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs.

Oracle, JD Edwards, and PeopleSoft are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

---

---

# Contents

<b>Preface</b> .....	v
Intended Audience.....	v
Documentation Accessibility .....	v
Related Documents .....	vi
Conventions .....	vi
<b>1 Overview</b>	
License Authorization Requirement .....	1-1
Database and Application Server Information .....	1-1
<b>2 Oracle Enterprise Manager Licensed Management Packs</b>	
<b>Oracle Enterprise Manager Service Level Management Pack</b> .....	2-1
Service Level Management Pack Licensed Links .....	2-2
Services Links .....	2-2
Web Application Links .....	2-3
Service-Level Management Pack Licensed CLI Commands .....	2-4
<b>Oracle Enterprise Manager Provisioning Packs</b> .....	2-5
Provisioning Packs Features Formerly Included in the Configuration Management Pack....	2-5
Features Shared By Provisioning Packs and Configuration Management Pack .....	2-6
Features Exclusive to Provisioning Packs .....	2-6
Provisioning Packs Licensed Links .....	2-7
Licensed Command Line Interface (CLI) Verbs .....	2-8
<b>Oracle Enterprise Management Pack for Identity Management</b> .....	2-8
Features.....	2-9
Licensed Links .....	2-9
<b>Oracle Enterprise Manager SOA Management Pack</b> .....	2-11
<b>Oracle Enterprise Manager Configuration Management Pack for Non-Oracle Systems</b> .....	2-11
Configuration Management Pack for Non-Oracle Systems Licensed Links .....	2-12
Configuration Management Pack Reports .....	2-14
Configuration Management Pack Repository Views.....	2-14
<b>Oracle Enterprise Manager Linux Management Pack</b> .....	2-17
Monitoring and Administration .....	2-17
Provisioning and Patching.....	2-24
Configuration Management .....	2-24
Licensed Repository Views.....	2-25

Licensed Command Line Interface (CLI) Verbs .....	2-27
Licensed Reports .....	2-27
<b>Enabling and Disabling the Oracle Management Packs for Oracle Enterprise Manager .....</b>	<b>2-28</b>
<b>Showing Management Pack Information.....</b>	<b>2-28</b>

### **3 Oracle Enterprise Manager Licensed Application Packs**

Licensed Links for PeopleSoft Enterprise .....	3-1
Service Level Management Pack Licensed Links for PeopleSoft Enterprise .....	3-2
Configuration Management for PeopleSoft Enterprise.....	3-4
Licensed Links .....	3-4
Reports.....	3-6
Repository Views .....	3-6
Licensed Commands for PeopleSoft Enterprise.....	3-9
Licensed Links for Siebel .....	3-9
Service Level Management Pack Licensed Links for Siebel .....	3-10
Configuration Management for Siebel .....	3-11
Licensed Links .....	3-12
Reports.....	3-14
Repository Views .....	3-14
Licensed Commands for Siebel.....	3-17

### **4 Oracle Enterprise Manager Licensed Management Plug-Ins**

Enterprise Manager System Monitoring Plug-in For Hosts .....	4-1
Features.....	4-1
Licensed Links .....	4-2
Licensed Repository Views.....	4-8
Licensed Command Line Interface Verbs .....	4-8
Licensed Reports .....	4-9
Enterprise Manager System Monitoring Plug-Ins for Storage.....	4-9
Features.....	4-9
Licensed Links .....	4-10
Enterprise Manager System Monitoring Plug-Ins for Network Devices.....	4-10
Features.....	4-10
Licensed Links .....	4-11
Enterprise Manager System Monitoring Plug-Ins for Non-Oracle Middleware.....	4-11
Features.....	4-12
Licensed Links .....	4-12
Enterprise Manager System Monitoring Plug-Ins for Non-Oracle Databases .....	4-13
Deploying and Managing Management Plug-Ins for Oracle Enterprise Manager.....	4-14

### **5 Oracle Enterprise Manager Licensed Management Connectors**

Enterprise Manager Management Connector for Remedy Help Desk.....	5-1
Enterprise Manager Management Connector for Microsoft Operations Manager 2005 .....	5-1

---

---

# Preface

This document, which is part of the Program Documentation under the terms of your Oracle licensing agreement, is intended to help you understand the features, functionality, and options available for Oracle Programs. If you have questions about licensing needs, please contact your Oracle sales representative or refer to the resources listed in "[Related Documents](#)" for more information.

Oracle Enterprise Manager 10g is available in multiple editions, each suitable for different development and deployment scenarios. Oracle also offers several Enterprise Manager options that enhance the capabilities of Oracle Enterprise Manager for specific application requirements. Oracle Enterprise Manager Licensing Information provides information on these optional products.

This Preface contains the following topics:

- [Intended Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)

## Intended Audience

This book is intended for all purchasers of Oracle Enterprise Manager 10.2.

## Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at

<http://www.oracle.com/accessibility/>

### Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an

otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

### **Accessibility of Links to External Web Sites in Documentation**

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

### **TTY Access to Oracle Support Services**

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, seven days a week. For TTY support, call 800.446.2398.

## **Related Documents**

For more information, see the following documents in the Oracle documentation set:

- Oracle Database Licensing Information (B14199-06)
- *Oracle Enterprise Manager Concepts* (B16241-02)

You can access these documents from the Oracle Technology Network:

<http://www.oracle.com/technology/documentation/index.html>

Additionally, the Oracle Software Investment Guide is available for downloading at:

<http://www.oracle.com/corporate/pricing/sig.html>

## **Conventions**

The following text conventions are used in this document:

<b>Convention</b>	<b>Meaning</b>
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

---

---

# Overview

Oracle Enterprise Manager 10g Grid Control is Oracle's single, integrated solution for managing all aspects of the Oracle Grid and the applications running on it. Grid Control couples a potent, top-down monitoring approach to delivering the highest quality of service for applications with a cost-effective automated configuration management, provisioning, and administrative solution. This powerful combination provides unequalled management for any size Oracle data center.

Oracle also offers several options, management packs, management plug-ins, and other products that enhance the capabilities of Oracle Enterprise Manager for specific purposes. This guide describes the separately licensed Oracle Enterprise Manager management packs, management plug-ins, and other products you can purchase to enhance the capabilities of Oracle Enterprise Manager in specific environments. This guide contains the following chapters:

- [Oracle Enterprise Manager Licensed Management Packs](#)
- [Oracle Enterprise Manager Licensed Application Packs](#)
- [Oracle Enterprise Manager Licensed Management Plug-Ins](#)
- [Oracle Enterprise Manager Licensed Management Connectors](#)

## License Authorization Requirement

You cannot use the options, packs, views, reports, or commands described in these chapters without the appropriate licenses. Although these options, Management Packs, or products may be included in product CDs or downloads, or described in documentation that you receive, this does not authorize you to use them without the appropriate licenses.

## Database and Application Server Information

For information about Management Packs, Management Plug-ins, or other licensed products associated with either Oracle Database 10g or Oracle Application Server, see *Oracle Database Licensing Information* or *Oracle Application Server Licensing Information*.





---

---

## Oracle Enterprise Manager Licensed Management Packs

The following sections describe the management packs available for Oracle Enterprise Manager. The Enterprise Manager Management Packs are licensed by the number of hosts, transactions or targets they manage.

- [Oracle Enterprise Manager Service Level Management Pack](#)
- [Oracle Enterprise Manager Provisioning Packs](#)
- [Oracle Enterprise Management Pack for Identity Management](#)
- [Oracle Enterprise Manager SOA Management Pack](#)
- [Oracle Enterprise Manager Configuration Management Pack for Non-Oracle Systems](#)
- [Oracle Enterprise Manager Linux Management Pack](#)
- [Enabling and Disabling the Oracle Management Packs for Oracle Enterprise Manager](#)
- [Showing Management Pack Information](#)

### Oracle Enterprise Manager Service Level Management Pack

The Service Level Management (SLM) pack offers a comprehensive monitoring solution that helps IT organizations achieve high availability and performance, and optimized service levels for their business services. SLM actively monitors and reports on the availability and performance of services, including end-user business functions, Web applications, and infrastructure components. Using service tests or synthetic transactions executed from remote user locations (beacons), businesses can monitor services from the end user's perspective and its correlation to the underlying IT infrastructure. In addition, the Service Level Management Pack assesses the business impact of any service problem or failure, and indicates whether service-level goals have been met.

The Service Level Management Pack was introduced with Enterprise Manager version 10g 10.2. A subset of functionality in the Service Level Management Pack was previously included as part of the Diagnostics Pack for Application Server license. Customers who had licensed the Diagnostics Pack for Application Server 10g 10.1 are entitled to use the following specific functionality without licensing the Service Level Management Pack 10g 10.2:

- Web Application service test monitoring with HTTP and HTTP(s) protocols
- Host monitoring with ping protocol

All other functionality included with the Service Level Management Pack requires licensing of the pack.

## Service Level Management Pack Licensed Links

The following information describes the Enterprise Manager links that require licensing of the Service Level Management Pack. This information does not include feature links that may contain information derived from the creation of tests and beacons, but are considered part of the Service Level Management Pack. The list that follows assumes that you begin from the main Grid Control Home page.

### Services Links

Licensed services links consist of configuration pages and monitoring pages.

- For configuration pages, from the **Enterprise Manager Home page**, go to the **Targets** tab and then select **Services** from the sub-tab:
  - On the **Services** page, click **Add** to add a service. The **Beacons page** of the **Add Services wizard** is a licensed feature of the Service Level Management Pack.
  - On the **Services** page, click **Add** to add a service. Defining a service's availability based on the execution of a service test by selecting **Service Test** from the drop down-menu on the **Availability** page of the wizard is a licensed feature of the Service Level Management pack.
  - On the **Service** page, select the **Monitoring Configuration** tab. The **Service Tests and Beacons** link in the **Generic Tasks** section is a licensed feature of the Service Level Management Pack.
  - On the **Service** page, select the **Monitoring Configuration** tab. Select **Availability Definition** from the **Generic Tasks** section. Defining the service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability Definition** page is a licensed feature of the Service Level Management Pack.
- For monitoring pages, from the **Enterprise Manager Home page**, go to the **Targets** tab and then select **Services** from the sub-tab:
  - Click a service **Name** link in the table to go to the **Service Home** page. The **Test Performance** tab and **Blackout** button are licensed features of the Service Level Management Pack.

The following Related Links are also part of the Service Level Management Pack:

- \* Blackouts
- \* Past Changes
- \* Alert History
- \* Metric Baselines
- On the **Service Home** page, click the **Test Performance** link. All links and controls on this page are licensed as part of the Service Level Management Pack.
- On the **Test Performance** page, click a Name in the FTP table. The **Home** and **Performance** tabs that appear are licensed as part of the Service Level Management Pack.

The following **Related Links** in the **FTP Home** page are also part of the Service Level Management Pack:

- \* Alert History
  - \* Metric Baselines
  - \* View Service Test
  - \* Monitoring Settings
  - \* Edit Service Test
- On the **Service Home** page, click the **Past Changes** link. The **Pending Changes** link on the Past Changes page is part of the Service Level Management Pack.
  - On the **Past Changes** page, click the **Pending Changes** link. The **Past Changes** link on the Pending Changes page is part of the Service Level Management Pack.

### Web Application Links

Licensed web application links consist of configuration pages and monitoring pages.

- For configuration pages, from the **Enterprise Manager Home page**, go to the **Targets tab** and then select **Web Applications** from the sub-tab:
  - On the **Web Application** page, click **Add** to define a service to model and monitor a business process or application. The **Beacons page** of the **Add Web Application wizard** is a licensed feature of the Service Level Management Pack.
  - On the **Web Applications** page, click **Add** to define a service to model and monitor a business process or application. Defining a web application's availability based on the execution of a service test by selecting **Service Test** from the drop down-menu on the **Availability** page of the wizard is a licensed feature of the Service Level Management pack.
  - On the **Web Application** page, select the **Monitoring Configuration** tab. The **Service Tests and Beacons** link in the **Generic Tasks** section is a licensed feature of the Service Level Management Pack.
  - On the **Web Application** page, select the **Monitoring Configuration** tab. Select **Availability Definition** from the **Generic Tasks** section. Defining the service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability Definition** page is a licensed feature of the Service Level Management Pack.
- For monitoring pages, from the **Enterprise Manager Home page**, go to the **Targets** tab and then select **Web Applications** from the sub-tab:
  - Click a web application **Name link** in the table to go to the **Web Application Home** page. The **Test Performance** tab and **Blackout** button are licensed features of the Service Level Management Pack.

The following Related Links are also part of the Service Level Management Pack:

- \* Blackouts
- \* Past Changes
- \* Alert History

- \* Metric Baselines
  - On the **Web Application Home** page, click the **Test Performance** link. All links and controls on the page that appears are licensed as part of the Service Level Management Pack.
  - On the **Test Performance** page, click a **Web Transaction**. The **Home** and **Performance** tabs that appear are licensed as part of the Service Level Management Pack.
- The following **Related Links** in the **Web Transaction Home** page are also part of the Service Level Management Pack:
- \* Alert History
  - \* Metric Baselines
  - \* View Service Test
  - \* Monitoring Settings
  - \* Edit Service Test
  - On the **Web Application Home** page, click the **Past Changes** link. The **Pending Changes** link on the Past Changes page is part of the Service Level Management Pack.
  - On the **Past Changes** page, click the **Pending Changes** link. The **Past Changes** link on the Pending Changes page is part of the Service Level Management Pack.

## Service-Level Management Pack Licensed CLI Commands

The following Enterprise Manager command line interface commands are licensed as part of the Service Level Management Pack.

- `emcli apply_template_tests...`
- `emcli create_service`
- `emcli add_target`
- `create_service`
- `enable_test`
- `disable_test`
- `delete_test`
- `add_beacon`
- `remove_beacon`
- `assign_test_to_target`
- `set_availability`
- `set_key_beacons_and_tests`
- `set_availability`
- `sync_beacon`
- `template:extract_template`

## Oracle Enterprise Manager Provisioning Packs

The Oracle Enterprise Manager Provisioning packs consist of:

- Oracle Provisioning Pack for Database
- Oracle Provisioning Pack for Application Server
- Oracle Provisioning Pack for Non-Oracle Systems

The packs automate deployment of software, applications, and patches. They provide easy and scalable critical data center operations, resulting in lower operational risk and cost of ownership.

These packs provide functionality for "bare-metal" provisioning of operating systems and software images, (such as Oracle Clusterware, Real Application Clusters, and Oracle Application Servers), cloning of existing installations and Oracle databases, and patching.

Enterprise Manager versions 10g 10.2.0.2 and later enable you to also orchestrate the provisioning and patching process through Deployment Procedures. These are a set of "best practices" shipped out-of-box that you can also extend by customizing according to your needs. You can reuse the deployment procedures, and you can export and import them across environments that would involve creation of a single procedure to do operations across test environments and production. The Deployment Procedures are also hot-pluggable, and enable you to add procedures as Oracle releases them to metalink.

---

---

**Note:** In Enterprise Manager 10g 10.1, three features that are currently licensed as part of the Oracle Provisioning Pack were previously part of the Configuration Management Pack: Patch Deployment (Patch Database and View Patch Cache, Patch staging), Clone Oracle Home, and Clone Database. If you have previously licensed the Oracle Configuration Management Pack for Database, you are entitled to use these features without licensing the Oracle Provisioning Pack.

---

---

The following sections describe the features that are included as part of the Provisioning packs for Oracle Enterprise Manager.

### Provisioning Packs Features Formerly Included in the Configuration Management Pack

The following features were previously part of the Configuration Management pack and are now part of the Provisioning packs.

**Table 2–1 Former Configuration Management Pack Features in Provisioning Packs**

Feature	Description
Critical Patch Facility	Grid Control performs an assessment of vulnerabilities by examining your enterprise configuration to determine which Oracle homes have not applied one or more software patches that have been identified as critical. Grid Control provides a list of critical patch advisories and the Oracle homes to which the critical patches should be applied. The Critical Patch Facility enables administrators to download the Critical Patch metadata from MetaLink and upload it to the repository. The "RefreshFromMetalink" job can then use this metadata to perform Critical Patch calculations in offline mode. Administrators will be alerted to security updates—even if the Management Service is not connected to MetaLink. The Critical Patch Facility's offline mode makes it easy to keep your environment patched to the latest level.  Only the Critical Patch Facility advisors remain in the Configuration Management Pack.
Database Cloning	You can clone a database instance using the Clone Database feature of Grid Control. Clone Database clones a database instance to an existing Oracle home. To create a new Oracle home into which to clone the instance, use the Clone Oracle Home tool to create a new Oracle home, then use the Clone Database tool to clone the instance to that cloned home.
ORACLE_HOME Cloning	Use this feature to clone existing Oracle home directories. After you have configured an Oracle home into a desirable state—where you have chosen particular installation options, applied required patches, and tested it—you can clone this Oracle home to one or more hosts using Grid Control's "Clone Oracle Home" tool.
ORACLE_HOME and Target Patching	Use this feature to patch an ORACLE_HOME.

## Features Shared By Provisioning Packs and Configuration Management Pack

The Provisioning Packs and Configuration Management Pack share the following features.

**Table 2–2 Features Shared by Provisioning Packs and Configuration Management Pack**

Feature	Description
Enterprise Security Advisor	This feature is completely shared between the Provisioning Pack and the Configuration Management Pack.
Critical Patch Advisory	The Advisory portion of the Critical Patch Facility is common to both the Provisioning Pack and the Configuration Management Pack. See the description of the Critical Patch Facility in <a href="#">Table 2–1</a> .

## Features Exclusive to Provisioning Packs

The following features are available only in the Provisioning Packs.

**Table 2–3 Features Exclusive to Provisioning Pack**

Feature	Description
Software Library	Creates and maintains a library of reference software images.
Bare Metal Provisioning	Deploys operating systems and software to bare metal servers.
Extending Cluster <sup>a</sup>	Extends RAC clusters or Oracle Application Server middleware.
Adding an Instance	Adds an instance to Enterprise Manager.
Single-instance RAC Conversion	Converts a database to a RAC cluster.
One-click RAC Extend <sup>1</sup>	Extends RAC clusters with a single-click procedure.

**Table 2–3 (Continued) Features Exclusive to Provisioning Pack**

Feature	Description
Delete/Scale down RAC <sup>1</sup>	Deletes or scales down nodes of a RAC cluster.
Patch Oracle Software <sup>1</sup>	Patches Oracle software (single-instance and RAC databases, CRS, ASM, and application servers).
Operating System Patching <sup>1</sup>	Patches Linux, Solaris, and Windows operating systems.

<sup>a</sup> Feature that is part of the Oracle Enterprise Manager Provisioning Pack for versions 10g 10.2.0.2 and later.

## Provisioning Packs Licensed Links

The list that follows itemizes the links that require licensing of the Provisioning Packs. **You can navigate** to these features in several ways. The instructions below assume that you begin from the main Grid Control Home page.

- From the **Enterprise Manager Home page**:
  - Select any of the links in the **Security Violations** section. On the resulting **Violations page**, the **Security At a Glance** tab is a licensed feature of the Provisioning Pack.
  - Under the section **Critical Patch Advisories for Oracle Homes**, any **Patch button** is a licensed feature of the pack.
- From the **Deployments page** linked from the **Enterprise Manager Home page**:
  - Under the section **Critical Patch Advisories for Oracle Homes**, any **Patch button** is a licensed feature of the pack.
  - Under the **Patching** section, the links **Patching through Deployment Procedures**, **Patch Oracle Software**, **View Patch Cache**, and **Patch Linux Hosts** are all licensed under the Provisioning Pack.
  - Under the **Cloning** section, the links **Clone Database** and **Clone Oracle Home** are all part of the Provisioning feature.
  - Under the **Deployment Procedure Manager** section, the general link **Deployment Procedures** and specific functionality procedures links, such as **RAC Provisioning Procedures**, **Application Server Provisioning Procedures**, **Patch Procedures**, and **Extend Cluster Database** are all licensed under the Provisioning Pack.
  - The sub-navigation tab, **Provisioning**, and the tabs under the page are all licensed under the Provisioning Pack.
- From the **Targets tab** on the **Enterprise Manager Home page**, select the **Databases tab**. On the **Database Home page**, the **Enterprise Security At a Glance** link in the **Security section** is a licensed feature of the Provisioning Pack.
- On the **Database Home page Maintenance tab**, the following links are licensed as part of the Provisioning Pack:
  - **Apply Patch** and **View Patch Cache** under the **Database Software Patching section**
  - **Clone Database** in the **Move Database Files** column of the **Data Movement section**
- On the **Database Home page Administration tab**, the following links are licensed as part of the Provisioning Pack:

- **Convert to Cluster Database** link
- **Add Instance** (only for RAC database)
- **Delete Instance** (only for RAC database)
- On the **Agents Home page** by way of the **All Targets page**, the **Patch Oracle Software** link in the **Related Links** section is licensed.

---



---

**Note:** Provisioning Pack must be enabled only for an OMS Host for Agent patching.

---



---

- On each of the following target tabs, the **Security At a Glance** link is licensed as part of the Provisioning Pack:
  - **Host Targets tab**, navigate to the **Host Home page**, then select the **Enterprise Security At a Glance** link.
  - **Application Servers tab**, navigate to the **Application Server Home page**, then select the **Enterprise Security At a Glance** link.
  - **Groups tab**, navigate to the **Group Home page**, then select the **Security At a Glance** link.
  - **Systems tab**, navigate to the **Systems Home page**, then select the **Security At a Glance** link.
  - **Web Applications tab**, navigate to the **Web Applications Home page**. From there, select the **System** link, then the **System (Topology)** link, and then select the **Security At a Glance** link.
  - **Services tab**, navigate to the **Service Home page**. From there, select the **System** link, then the **System (Topology)** link, and then select the **Security At a Glance** link.

## Licensed Command Line Interface (CLI) Verbs

The CLI verbs are licensed as part of the Linux Management Pack:

- `get_procedures`
- `get_procedure_types`
- `get_instances`
- `get_instance_data_xml`

## Oracle Enterprise Management Pack for Identity Management

The Management Pack for Identity Management enables enterprises to proactively monitor the availability, performance, load, and security metrics of Identity servers. Administrators can monitor Identity service transaction performance externally from the end-user perspective, define service levels on Identity Services, and track service levels in real time.

Enterprise Manager 10.2.0.3 adds management capabilities for the following Identity Management products and associated systems:

- Oracle Access Manager (OAM)
  - Access Manager - Identity System



- Access Manager - Access System
- Oracle Identity Manager (OIM)
  - Identity Manager System
- Oracle Identity Federation (OIF)
  - Identity Federation System

## Features

The following major features are available for these Identity Management products:

- Discover Identity server components and out-of-the-box system modeling.
- Monitor availability and performance.
- Collect configuration information for Oracle Access Manager components.
- Provide service modeling of Identity components.
- Integrate with the Enterprise Manager plug-in for managing Identity Management 10.1.4 that was released as part of the 10.1.4 Identity Suite.

## Licensed Links

The list that follows itemizes the links that require licensing of the Management Pack for Identity Management for the Access manager Access System. However, the navigation paths are applicable for all Identity Management Systems.

- From the **Enterprise Manager Home** page:
  - Click the **Targets** tab, then the **Systems** sub-tab.
  - Click the **Name** link for the **Access Manager - Access System**. The Access Manager Home page appears. The **Alert History** button, **Alerts table** links, and **Security At a Glance** link are licensed as part of this pack.
- From the **Access Manager Home** page:
  - Click the **Alert History** button. The Alert History page and all of its links are licensed as part of this pack.
  - Click the **Security At a Glance** link. The **Security At a Glance** page that appears and all of its links are licensed as part of the Identity Management pack.
- From the **Access Manager Home** page:
  - Select the **Charts** sub-tab. The Charts page and all of its links are licensed as part of this pack.
- From the **Enterprise Manager Home** page:
  - Click the **Targets** tab, then the **All Targets** sub-tab. [You mentioned this can also be navigated from the System Members sub-tab, but I forgot to ask you the navigation path. Is this something they really should know, or can we forego this?]
  - In the **Search** drop-down list, select **Access Manager - Access Server**, then click **Go**.
  - Click an **Access Server** link in the table. The Access Manager - Access Server Home page appears. The following links are licensed as part of this pack:

- \* View Configuration
- \* Saved Configurations
- \* Import Configuration
- \* Configuration History
- \* Compare Configuration
- \* Compare Multiple Configurations
- \* Alert History
- \* Blackouts

---

---

**Note:** The configuration links above only apply to the Oracle Access Manager.

---

---

You can also alternatively navigate to the Access Manager - Access Server page by doing the following:

- Click the **Targets** tab, then the **Systems** sub-tab.
- Click a **System Name** in the table from the **Systems** page that appears.
- Click the **Configuration** sub-tab from the **Access Manager - Access System** page that appears.
- Click an **Access Server target** in the table from the Access Manager - Access System page.
- From the **Access Manager - Access Server** page:
  - Click the **All Metrics** link in the **Related Links** section.
  - In the All Metrics page that appears, click the **Expand All** link.
  - Click a **Metrics** link for which the threshold has been set. In the metrics summary page that appears, everything is licensed as part of this pack.
- From the **Enterprise Manager Home** page:
  - Click the **Targets** tab, then the **All Targets** sub-tab.
  - In the **Search** drop-down list, select **Generic Service**, then click **Go**.
  - Click a **Generic Service** link in the table. The Generic Service Home page appears. The following links are licensed as part of this pack:
    - \* Test Performance sub-tab
    - \* Alert History
    - \* Blackouts
    - \* Metric Baselines
- From the **Generic Service Home** page:
  - Click the **Metric and Policy Settings** link in the **Related Links** section.
  - Click the **Tests** sub-tab. The **Tests** page that appears and all of its links are licensed as part of the Identity Management pack.
- From the **Generic Service Home** page:
  - Click the **Monitoring Configuration** sub-tab.

- Click the **Service Tests and Beacons** link. The Service Tests and Beacons page that appears and all of its links are licensed as part of the Identity Management pack.
- From the **Enterprise Manager Home** page:
  - Click the **Targets** tab, then the **Services** sub-tab.
  - Click a **Web Application Name** link in the Services page.
  - In the **Key Summary** table of the **Web Application Home** page, click a **Test** name. The **Web Transaction Home** page that appears and all of its links are licensed as part of the Identity Management pack.
  - Click the **Performance** sub-tab. The **Web Transaction Performance** page that appears and all of its links are licensed as part of the Identity Management pack.

## Oracle Enterprise Manager SOA Management Pack

The Service-Oriented Architecture (SOA) Management Pack delivers comprehensive management capabilities for a SOA-based environment. By combining SOA runtime governance, business-IT alignment, and SOA infrastructure management with Oracle's rich and comprehensive system management solution, Enterprise Manager Grid Control significantly reduces the cost and complexity of managing SOA-based environments.

- From the **Enterprise Manager Home** page:
  - Click the **Targets** tab, then the **Application Servers** sub-tab.
  - Click **Expand All** above the Application Servers table.
  - Locate the desired licensed application server name. Licensed BPEL Process Managers are indicated as **Oracle BPEL Process Manager** in the Type column. (BPEL means Business Process Execution Language.) the BPEL Process Manager link (BPM, AD) only appears in license mode, not regular mode.
  - Click the licensed **BPEL Process Manager's** name. The Oracle BPEL Process Manager page appears. All links and controls on this page are licensed as part of the SOA Pack.
- From the **Oracle BPEL Process Manager** page:
  - Click the **Processes** link at the top of the page. The Domain/Processes page appears, which shows all the deployed BPEL processes. All links and controls on the Processes page are licensed as part of the SOA Pack.
  - Click on one of the processes in the list. The Oracle BPEL Process page appears.
 

All links and controls on the Oracle BPEL Process page are licensed as part of the SOA Pack.

## Oracle Enterprise Manager Configuration Management Pack for Non-Oracle Systems

Configuration Management for Non-Oracle Systems automates the time-consuming and often error-prone process of managing host software and hardware configurations and deployments other than Oracle software. This pack provides capabilities such as search and compare across all systems, configuration monitoring, policy management

and compliance support, security configuration scoring and dashboards, and comprehensive reporting. This pack provides the following capabilities:

- View and analyze configuration
- View and analyze deployments/installations
- Search configuration
- Compare configuration
- Manage policies, including policy notifications
- Provide configuration reports
- Provide repository tables/views that store/expose the above data

To use these features, you must purchase the license for the Configuration Management Pack for Non-Oracle Systems and install the pack. Some features for the pack are accessed only when you are in Grid Control mode. You can navigate to these features in several ways. The sections that follow discuss the licensable features of the Configuration Management Pack for Non-Oracle Systems, and itemize the links that require licensing of the pack.

## Configuration Management Pack for Non-Oracle Systems Licensed Links

The following licensed pages and links of this pack apply to host software management and configurations, but do not apply to Oracle software.

- **Grid Control Home page:**
  - All links in the **All Targets Policy Violations** section
  - Hardware and Operating System related information in the Deployment Summary sections
  - All links in the **Security Policy Violations** section
- From the **Grid Control Home** page, click the **Deployments** tab. On the **Deployments page**, the following items are licensed as part of the pack:
  - Hardware and Operating System related information in the Deployment Summary sections.
  - All links in the **Configuration** section
  - All links in the **Client Configurations** section

---

---

**Note:** The features in the Patching and Cloning sections are licensed under the Provisioning Pack. The Agent Installation features do not require licensing. The security links are shared by the Provisioning Pack, Database Configuration Pack, Configuration Management Pack for Non-Oracle Systems, and Application Server Configuration Pack.

---

---

- From the **Grid Control Home** page, select the **Compliance** tab, then the **Policies sub-tab to display the Policy Violations page**. The links associated with this page are grouped in the Violations sub-tab. All links, sub-navigation tabs, and features available on or linked to from the Grid Control Policies Violations page for information related to hosts are licensed under the Configuration Management Pack for Non-Oracle Systems.

- From the **Grid Control Home** page, select the **Compliance** tab, then the **Security at a Glance** sub-tab. On the **Grid Control Security at a Glance** page, all links related to information on the host are licensed as a part of this pack.
- From the **Grid Control Home** page, click the **Targets** tab, then select the **Hosts sub-tab**. On the **Grid Control Hosts** page, the following items are licensed as part of the pack:
  - **Policy Violations** link
  - **Compliance Score (%)**
- From the **Grid Control Hosts** page, click a specific host to display the **Host Home page**. The following links are licensed as part of the pack:
  - All links in the **Configuration** section
  - All links in the **Policy Violations** section
  - All links in the **Security** section
  - Under **Related Links**, the following links are licensed:
    - \* **Deployments**
    - \* **Metric and Policy Settings**
- From the **Host Home** page, click the **Targets** tab. The following links and columns are licensed:
  - **Policy Violations** and associated links
  - **Compliance Score (%)**
- From the **Host Home** page, click the **Configuration** tab. All features, links, and information on the **Configuration** tab is licensed as part of the **Configuration Management Pack for Non-Oracle Systems**.
- From the **Grid Control Home** page, click the **Targets** tab, then select the **Systems sub-tab**. On the **Systems** page, the following items are licensed as part of the pack:
  - **Policy Violations** link
- From the **Grid Control Home** page, click the **Targets** tab, then select the **Groups sub-tab**. On the **Groups** page, the following items are licensed as part of the pack:
  - **Policy Violations** link
- From the **Grid Control Home** page, click the **Targets** tab, then select the **Groups sub-tab**. Select a group. On the **Group Home** page, the following items are licensed as part of the pack:
  - All links in the **Configuration Changes** section
  - All links in the **Policy Violations** section
  - All links in the **Security Policy Violations** section
- From the **Groups Home** page, click the **Administration** tab. The following links and features are licensed features of the **Configuration Management Pack for Non-Oracle Systems**:
  - Hardware and Operating System related information in the **Deployment Summary** sections
  - **Configuration Searches** feature for host and operating systems

- From the **Groups Home** page, click the **Members** tab. The following links and features are licensed features of the pack:
  - All links and the information in the **Policy Violations** column

## Configuration Management Pack Reports

The following reports are part of the Configuration Management Pack for Non-Oracle Systems. All reports in each of these sections are licensed for this pack. To display the Reports page, click the **Reports** tab on the Grid Control Home page.

- All reports under **Deployment and Configuration**
- Monitoring reports
  - **Alerts and Policy Violations**
  - **Disabled Policies**
- Security reports
  - **Security Policy Overview**

## Configuration Management Pack Repository Views

The following repository views are part of the Configuration Management Pack for Non-Oracle Systems:

- **Policy Definition Views**
  - mgmt\$policies
  - mgmt\$policy\_parameters
  - mgmt\$policy\_violation\_ctxt
  - mgmt\$policy\_viol\_annotations
  - mgmt\$policy\_viol\_notif\_log
- **Policy Association Views**
  - mgmt\$target\_policies
  - mgmt\$target\_policy\_settings
  - mgmt\$target\_policy\_eval\_sum
  - mgmt\$target\_compLIAnce\_score
- **Policy Violation Views**
  - mgmt\$policy\_violation\_current
  - mgmt\$policy\_violation\_history
  - mgmt\$policy\_violation\_context
- **Configuration Views**
  - mgmt\$db\_tablespaces
  - mgmt\$db\_datafiles
  - mgmt\$db\_controlfiles
- **Oracle Home Patching**
  - MGMT\$CPF\_ADVISORY\_INFO

- MGMT\$CPF\_HOMES\_INFO
- MGMT\$CPF\_PATCH\_INFO
- MGMT\$EM\_HOMES\_PLATFORM
- MGMT\$HOMES\_AFFECTED
- MGMT\$PATCH\_ADVISORIES
- MGMT\$APPL\_PATCH\_AND\_PATCHSET
- MGMT\$APPLIED\_PATCHES
- MGMT\$APPLIED\_PATCHSETS
  
- **Linux Patching**
  - MGMT\$HOSTPATCH\_HOSTS
  - MGMT\$HOSTPATCH\_GROUPS
  - MGMT\$HOSTPATCH\_GRP\_COMPL\_HIST
  - MGMT\$HOSTPATCH\_HOST\_COMPL
  
- **Security Views**
  - MGMT\$ESA\_ALL\_PRIVS\_REPORT
  - MGMT\$ESA\_ANY\_DICT\_REPORT
  - MGMT\$ESA\_ANY\_PRIV\_REPORT
  - MGMT\$ESA\_AUDIT\_SYSTEM\_REPORT
  - MGMT\$ESA\_BECOME\_USER\_REPORT
  - MGMT\$ESA\_CATALOG\_REPORT
  - MGMT\$ESA\_CONN\_PRIV\_REPORT
  - MGMT\$ESA\_CREATE\_PRIV\_REPORT
  - MGMT\$ESA\_DBA\_GROUP\_REPORT
  - MGMT\$ESA\_DBA\_ROLE\_REPORT
  - MGMT\$ESA\_DIRECT\_PRIV\_REPORT
  - MGMT\$ESA\_EXMPT\_ACCESS\_REPORT
  - MGMT\$ESA\_KEY\_OBJECTS\_REPORT
  - MGMT\$ESA\_OH\_OWNERSHIP\_REPORT
  - MGMT\$ESA\_OH\_PERMISSION\_REPORT
  - MGMT\$ESA\_POWER\_PRIV\_REPORT
  - MGMT\$ESA\_PUB\_PRIV\_REPORT
  - MGMT\$ESA\_SYS\_PUB\_PKG\_REPORT
  - MGMT\$ESA\_TABSP\_OWNERS\_REPORT
  - MGMT\$ESA\_TRC\_AUD\_PERM\_REPORT
  - MGMT\$ESA\_WITH\_ADMIN\_REPORT
  - MGMT\$ESA\_WITH\_GRANT\_REPORT

■ **Client Configurations Views**

- MGMT\$CSA\_COLLECTIONS
- MGMT\$CSA\_FAILED
- MGMT\$CSA\_HOST\_OS\_COMPONENTS
- MGMT\$CSA\_HOST\_SW
- MGMT\$CSA\_HOST\_COOKIES
- MGMT\$CSA\_HOST\_CUSTOM
- MGMT\$CSA\_HOST\_RULES
- MGMT\$CSA\_HOST\_CPUS
- MGMT\$CSA\_HOST\_IOCARDS
- MGMT\$CSA\_HOST\_NICS
- MGMT\$CSA\_HOST\_OS\_PROPERTIES
- MGMT\$CSA\_HOST\_OS\_FILESYSTEMS
- MGMT\$ECM\_CONFIG\_HISTORY
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY1
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY2
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY3
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY4
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY5
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY6
- MGMT\$HW\_NIC
- MGMT\$OS\_COMPONENTS
- MGMT\$OS\_FS\_MOUNT
- MGMT\$OS\_HW\_SUMMARY
- MGMT\$OS\_PATCHES
- MGMT\$OS\_SUMMARY
- MGMT\$SOFTWARE\_COMP\_PATCHSET
- MGMT\$SOFTWARE\_COMPONENT\_ONEOFF
- MGMT\$SOFTWARE\_COMPONENTS
- MGMT\$SOFTWARE\_DEPENDENCIES
- MGMT\$SOFTWARE\_HOMES
- MGMT\$SOFTWARE\_ONEOFF\_PATCHES
- MGMT\$SOFTWARE\_OTHERS
- MGMT\$SOFTWARE\_PATCHES\_IN\_HOMES
- MGMT\$SOFTWARE\_PATCHSETS



## Oracle Enterprise Manager Linux Management Pack

The Linux Management Pack provides a complete solution for monitoring and managing Linux hosts. Key features of the pack include:

- Host Monitoring
  - Real-time and historical performance monitoring and trending (hosts)
  - Event management and monitoring
  - Event/alert notifications: notification methods, rules, and schedules
  - Event/alert history and metric history (hosts)
  - User-defined metrics
  - Metric snapshots
  - Blackouts/planned outages
  - Monitoring templates
  - Corrective actions (including response actions)
- Host administration
- Linux operating system patching
- Linux provisioning
- Configuration management
  - Configuration collection
  - Configuration summary
  - Configuration search
  - Configuration compare
  - Configuration history
  - Policies
- Reports

You can navigate to these features in several ways. The sections that follow discuss the licensable features of the Linux Management Pack, and itemize the links that require licensing of the pack.

### Monitoring and Administration

- From the Oracle Enterprise Manager **Hosts** page:
  - When you click the link in the **Status** column for a Linux host, Enterprise Manager displays the **Availability (Status History)** page, which is part of this licensed pack.
  - When you select the value in the **CPU Util %** column for a Linux host, the metric history page for **CPU Utilization (%)** appears, which is part of this licensed pack.
  - When you select the value in the **Memory Util %** column for a Linux host, the metric history page for **Memory Utilization (%)** appears, which is part of the licensed pack.

- When you select the value in the **Total IO/sec** column for a Linux host, the metric history page for **Total Disk I/O Per Second** appears, which is part of the licensed pack.
- From the Oracle Enterprise Manager **Host Home** page for a Linux host:
  - When you click the link in the **Status** field or the **Availability** field, the **Availability (Status History)** page appears, which is part of this licensed pack.
  - When you click the **Blackout** button, the **Create Blackout** wizard initiates, which is part of this licensed pack.
  - When you click the **Metric Name** in the **Alerts Table**, the metric history page that is displayed is part of the licensed pack.
- From the **Related Links** section of the Oracle Enterprise Manager **Host Home** page for a Linux host, the following links are licensed under the Linux Management Pack:
  - Alert history
  - Blackouts
  - Storage details
  - User-defined metrics
  - From the **All Metrics** link and the resultant **All Metrics** page, drilling down to **Metric History** pages is licensed.
  - From the **Metrics and Policy Settings** link, selecting **Metric Snapshots** from the **Metric Thresholds Links** section is a licensed feature.
- All links, charts, and information on the **Performance** sub-tab of the **Host Home** page for a Linux host are licensed under the Linux Management pack.
- All links and information on the **Administration** sub-tab of the **Host Home** page for a Linux host are licensed under the Linux Management Pack.
- Select the **Preferences** link on the Enterprise Manager Grid Control Hosts page. From the **General Preferences** list, selecting either **Notification Rules** or **Notifications Public Rules**, and then **Create** to create a notification rule, or selecting the **Notification Schedules** feature, is a licensed activity of the Linux Management Pack.
- Creating a notification rule that applies to a Linux host is a licensable feature of the Linux Management Pack.
- Select the **Setup** link on the Enterprise Manager Grid Control Hosts page. The following links on the **Overview of Setup** page are licensed as part of the Linux Management Pack:
  - Monitoring templates
  - Corrective action library
  - Notification methods
  - Blackouts
- Select the Alerts tab on the Enterprise Manager Grid Control Hosts page. Clicking on the Message link for any Linux host-related alert is a licensed feature of the pack.
- Select the **Groups** sub-tab on the Enterprise Manager Grid Control Host page:

- On the **Groups** page, click an **Alert** in the Alert column. The **Message** link on the **Status Report** page is a licensed feature of the pack.
- Navigate to the **Group Home** page. The following items are licensed as part of the Linux Management pack:
  - \* **Message links** for Linux host-related alerts accessible from links in the Alerts section
  - \* **Alert History** button in the Alerts section
  - \* **Status History** button in the Status section
- Navigate to the **Group Home** page. All information on the **Groups Charts** page is licensed if the Linux host is part of the group membership.
- Navigate to the **Group Home** page. On the Groups Administration page, all links in the **Blackouts** section are licensed if the Linux host is a member of the group.
- Navigate to the **Group Home** page. On the **Groups Members** page, the following items are licensed as part of the Linux Management Pack:
  - \* Linux host-related links in the **Status** column
  - \* **Message links** for Linux host-related alerts accessible from links in the **Alerts** column
  - \* Links in the performance metric columns for Linux hosts; for example, CPU Usage and Memory Usage
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page:
  - On the **Systems** page, click an **Alert** in the Alert column. The **Message** link on the **Status Report** page is a licensed feature of the pack.
  - Navigate to the **System Home** page. Whenever a Linux host target is included in the system, the following items are licensed as part of the Linux Management Pack on the **System Home** page:
    - \* **Message links** for Linux host-related alerts accessible from links in the Alerts section
    - \* **Alert History** button in the Alerts section
    - \* **Status History** button in the Status section
  - Navigate to the **System Home** page. All information on the **Systems Charts** page is licensed if the Linux host is part of the system.
  - Navigate to the **System Home** page. On the **Systems Administration** page, all links in the **Blackouts** section are licensed if the Linux host is part of the system.
  - Navigate to the **System Home** page. On the **Systems Components** page, the following items are licensed:
    - \* **Host links** in the **Status** column
    - \* **Message links** for Linux host-related alerts accessible from links in the **Alerts** column
    - \* **Links** in the performance metric columns for host metrics.
  - Navigate to the **System Home** page. On the **Systems Topology** page, the following items are licensed:

- \* **Status** link in the Selection Details column for Linux host components.
- \* **Message links** accessible from the alerts links in the Selection Details and Summary sections for Linux host alerts.
- Navigate to the **System Home** page. Click the **Launch Dashboard** button. On the Dashboard, all **Message links** for Linux host-related alerts in the **Message** column are licensed as are status links in the status column.
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page:
  - On the **Services** page, the following items are licensed as part of the Linux Management Pack:
    - \* **Status link** if service availability is system-based and if at least one Linux host component is a key component
    - \* **Message links** accessible from links in the **Performance Alerts** section if host metrics are used as performance metrics and one of the hosts is a Linux host
    - \* **Message links** accessible from links in the **Usage Alerts** column if host metrics are used as usage metrics and one of the hosts is a Linux host
    - \* **Message links** for Linux host-related alerts accessible from links in the **Alerts** column of the **Key Components** sub-column
  - On the **Services** page, select a **Service** to add from the **Add** drop-down menu and click **Go**. On the **Services Creation** wizard, the use of host metrics for Linux hosts as performance and usage metrics is a licensed feature of the pack.
  - Click a generic service link on the **Services** page to display the **Service Home** page. The following items are licensed as part of the Linux Management Pack on the **Service Home** page:
    - \* **Blackout** button in the **General** section if the availability of the service is system-based and at least one Linux host is a key component
    - \* **Availability** link in the **General** section if the availability of the service is system-based and at least one Linux host is a key component
    - \* **Actual Service Level** link in the **General** section if the availability of the service is system-based and at least one Linux host is a key component
    - \* **Message links** in the **Message** column for Linux host-related alerts accessible from **Alert links** in the **Key Component Summary** section
    - \* **Message links** in the **Message** column of the **Possible Causes of Service Failure** section if a Linux host component is one of the possible causes of failure
    - \* **Message links** in the **Message** columns accessible from the **Root Cause Analysis Details** link in the **Possible Causes of Service Failure** section if a Linux host component is one of the possible causes of failure
    - \* **Message links** for Linux host-related alerts in the **Message** column of the **Alerts** section
  - Click a generic service link on the **Services** page to display the **Service Home** page. Click the **System** link. The following items are licensed as part of the Linux Management Pack on the **Service System** page:
    - \* **Status** link for Linux host key components

- \* **Message links** for Linux host-related alerts accessible from links in the **Alerts** column
- Click a generic service link on the **Services** page to display the **Service Home** page. Click the **Topology** link. The following items are licensed as part of the pack on the **Service Topology** page:
  - \* **Status** link in the **Selection Details** section if service availability is system-based and if at least one host is a key component
  - \* **Message links** for host-related alerts accessible from the **Alerts** link in the **Selection Details** section
  - \* **Possible Root Cause** link in the **Selection Details** section if the root cause is a host
- Click a generic service link on the **Services** page to display the **Service Home** page. Click the **Monitoring Configuration** link. The following items are licensed as part of the pack on the **Service Monitoring Configuration** page:
  - \* **Host** links for host targets in the **Component Test** column accessible from the **Root Cause Analysis Configuration** link
  - \* **Adding Performance Metrics** based on host metrics and Linux host targets accessible from the **Performance Metrics** link
  - \* **Adding Usage Metrics** based on host metrics and Linux host targets accessible from the **Usage Metrics** link
- Click a generic service link on the **Services** page to display the **Service Home** page. The following items are licensed as part of the pack in the **Related Links** section:
  - \* **Blackouts** and all subsequent pages if the availability of the service is system-based and at least one Linux host is a key component
  - \* **Alert History** link and subsequent pages if any host metrics for Linux hosts are used as performance or usage metrics for the service
- Click an aggregate service link on the **Services** page to display the **Service Home** page. The following items are licensed as part of the Linux Management Pack on the **Service Home** page:
  - \* **Blackout** button in the **General** section if the availability of one of the sub-services is system-based and at least one Linux host is a key component
  - \* **Availability** link in the **General** section if the availability of one of the sub-services is system-based and at least one Linux host is a key component
  - \* **Actual Service Level** link in the **General** section if the availability of one of the sub-services is system-based and at least one Linux host is a key component
  - \* **Message links** in the **Message** column for Linux host-related alerts accessible from **Alert links** in the **Key Component Summary** section
  - \* **Message links** in the **Message** column of the **Possible Causes of Service Failure** section if a Linux host component is one of the possible causes of failure

- \* **Message links** in the **Message** columns accessible from the **Root Cause Analysis Details** link in the **Possible Causes of Service Failure** section if a Linux host component is one of the possible causes of failure
- \* **Message links** for Linux host-related alerts in the **Message** column of the **Alerts** section
- Click an aggregate service link on the **Services** page to display the **Service Home** page. Click the **Topology** link. The following items are licensed as part of the pack on the **Service Topology** page:
  - \* **Status** link in the **Selection Details** section if the availability of one of the sub-services is system-based and if at least one Linux host is a key component
  - \* **Message links** for Linux host-related alerts accessible from the **Alerts** link in the **Selection Details** section
  - \* **Possible Root Cause** link in the **Selection Details** section if the root cause is a Linux host
- Click an aggregate service link on the **Services** page to display the **Service Home** page. The following items are licensed as part of the pack in the **Related Links** section:
  - \* **Blackouts** and all subsequent pages if the availability of one of the sub-services is system-based and at least one Linux host is a key component
  - \* **Host links** for Linux host targets in the **Component Test** column accessible from the **Root Cause Analysis Configuration** link
- Select the **Web Applications** sub-tab on the Enterprise Manager Grid Control Host page.
  - On the **Web Applications** page, the following items are licensed as part of the Linux Management Pack:
    - \* **Status** link if **Web Application** availability is system-based and if at least one Linux host component is a key component
    - \* **Message links** for Linux host-related alerts accessible from links in the **Alerts** column
  - Click a web application. The following items are licensed as part of the Linux Management Pack on the **Web Application Home** page:
    - \* **Blackout** button in the **General** section if the availability of the service is system-based and at least one Linux host is a key component
    - \* **Availability** link in the **General** section if the availability of the service is system-based and at least one Linux host is a key component
    - \* **Actual Service Level** link in the **General** section if the availability of the service is system-based and at least one Linux host is a key component
    - \* **Message links** in the **Message** column for Linux host-related alerts accessible from **Alert links** in the **Key Component Summary** section
    - \* **Message links** in the **Message** column of the **Possible Causes of Service Failure** section if a Linux host component is one of the possible causes of failure

- \* **Message links** in the **Message** columns accessible from the **Root Cause Analysis Details** link in the **Possible Causes of Service Failure** section if a Linux host component is one of the possible causes of failure
- \* **Message links** for Linux host-related alerts in the **Message** column of the **Alerts** section for Linux host alerts
- Click a web application. Click the **System** link. The following items are licensed as part of the Linux Management Pack on the **Web Application System** page:
  - \* **Status link** if service availability is system-based and if at least one Linux host is a key component
  - \* **Message links** for Linux host-related alerts accessible from links in the **Alerts** column
- Click a web application. Click the **Topology** link. The following items are licensed as part of the Linux Management Pack on the **Web Application Topology** page:
  - \* **Status link** in the **Selection Details** section if service availability is system-based and if at least one Linux host is a key component
  - \* **Message links** for Linux host-related alerts accessible from the **Alerts** link in the **Selection Details** section
  - \* **Possible Root Cause** link in the **Selection Details** section if the root cause is a Linux host
- Click a web application. Click the **Monitoring Configuration** link. The following items are licensed as part of the pack on the **Web Application Monitoring Configuration** page:
  - \* **Host links** in the **Component Test** column accessible from the **Root Cause Analysis Configuration** link
  - \* **Adding Performance Metrics** based on host metrics and Linux hosts accessible from the **Performance Metrics** link
  - \* **Adding Usage Metrics** based on host metrics and Linux hosts accessible from the **Usage Metrics** link
- Click a web application. The following item is licensed as part of the pack in the **Related Links** section:
  - \* Blackouts and all subsequent pages if the availability of the web application is system-based and at least one Linux host is a key component
- From the **Grid Control Home** page, select **Targets**, then **Databases**, then select a database link to drill down to the **Database Home** page. On the **Database Home** page, any **Message** link for Linux host-related alerts in the **Related Alerts** section is a licensed part of the Linux Management Pack.
- From the **Grid Control Home** page, select **Targets**, then **Application Servers**. Click an application server. On the **Application Server Home** page, all **Message links** in the **Host Alerts** section are licensed if it is a Linux host.
- From the home page for any target type, all **Message** links in the **Host Alerts** section are licensed if it is a Linux host.

## Provisioning and Patching

The following provisioning and patching items are licensed as part of the Linux Management Pack.

- From the Grid Control Home page, click the **Deployments** tab, then click the **Provisioning** sub-tab.
- From the Grid Control Home page, click the **Deployments** tab. The following items are licensed as part of the pack:
  - **Patch Linux Hosts**
  - **Patching through Deployment Procedures**
  - **Deployment Procedure Manager** section

## Configuration Management

The following configuration management items are licensed as part of the Linux Management Pack.

- Grid Control Home page:
  - All links in the **All Targets Policy Violations** section
  - Hardware and operating system related information in the **Deployments Summary** section.
  - **Security Policy Violations** section
- From the Grid Control Home page, click the **Deployments** tab. The following items are licensed as part of the pack:
  - **Hardware and Operating System** related information in the **Deployments Summary** section
  - The following links in the **Configuration** section:
    - \* Search; also the **Search Host Operating System Configuration Data** section that appears after clicking **Search**
    - \* Compare Configuration
    - \* Compare to Multiple Configurations
    - \* View Saved Configuration
    - \* Import Configuration
    - \* Host Configuration Collection Problems
    - \* Refresh Host Configuration
    - \* Configuration History
- From the Grid Control Home page, click the **Targets** tab, then select the **Hosts** sub-tab. On the Grid Control Hosts page, the following items are licensed as part of the pack:
  - Policy Violations links
  - Compliance Score (%)
- From the Grid Control Home page, click the **Targets** tab, then select the **Systems** sub-tab. On the **Systems** page, the following item is licensed as part of the pack:
  - Policy Violations links



- From the Grid Control Home page, click the **Targets** tab, then select the **Groups** sub-tab. On the **Groups** page, the following item is licensed as part of the pack:
  - Policy Violations links
- From the Grid Control Home page, click the **Targets** tab, then select the **Groups** sub-tab. Select a group. On the **Groups** page, the following items are licensed as part of the pack:
  - All links in the **Configuration Changes** section
  - All links in the **Policy Violations** section
  - All links in the **Security Policy Violations** section
- From the Groups Home page, click the **Administration** tab. The following items are licensed as part of the pack:
  - Hardware and Operating System related information in the **Deployments Summary** section
  - **Configuration Searches** feature
- From the Groups Home page, click the **Members** tab. The following item is licensed as part of the pack:
  - All links and the information in the **Policy Violations** column

## Licensed Repository Views

The following repository views are part of the Linux Management Pack:

- Monitoring Views
  - MGMT\$BLACKOUT\_HISTORY
  - MGMT\$BLACKOUTS
  - MGMT\$ALERT\_ANNOTATIONS
  - MGMT\$ALERT\_NOTIF\_LOG
  - MGMT\$AVAILABILITY\_HISTORY
  - MGMT\$ALERT\_HISTORY
  - MGMT\$METRIC\_DETAILS
  - MGMT\$METRIC\_HOURLY
  - MGMT\$METRIC\_DAILY
- Template Views
  - MGMT\$TEMPLATES
  - MGMT\$TEMPLATE\_POLICY\_SETTINGS
  - MGMT\$TEMPLATE\_METRIC\_COLLECTION
  - MGMT\$TEMPLATE\_METRIC\_SETTINGS
- Policy Definition Views
  - mgmt\$policies
  - mgmt\$policy\_parameters
  - mgmt\$policy\_violation\_ctxt

- mgmt\$policy\_viol\_annotations
- mgmt\$policy\_viol\_notif\_log
- Policy Association Views
  - mgmt\$target\_policies
  - mgmt\$target\_policy\_settings
  - mgmt\$target\_policy\_eval\_sum
  - mgmt\$target\_compliance\_score
- Policy Violation Views
  - mgmt\$policy\_violation\_current
  - mgmt\$policy\_violation\_history
  - mgmt\$policy\_violation\_context
- Linux Patching
  - MGMT\$HOSTPATCH\_HOSTS
  - MGMT\$HOSTPATCH\_GROUPS
  - MGMT\$HOSTPATCH\_GRP\_COMPL\_HIST
  - MGMT\$HOSTPATCH\_HOST\_COMPL
- Security Views
  - MGMT\$ESA\_ALL\_PRIVS\_REPORT
  - MGMT\$ESA\_ANY\_DICT\_REPORT
  - MGMT\$ESA\_ANY\_PRIV\_REPORT
  - MGMT\$ESA\_AUDIT\_SYSTEM\_REPORT
  - MGMT\$ESA\_BECOME\_USER\_REPORT
  - MGMT\$ESA\_CATALOG\_REPORT
  - MGMT\$ESA\_CONN\_PRIV\_REPORT
  - MGMT\$ESA\_CREATE\_PRIV\_REPORT
  - MGMT\$ESA\_DIRECT\_PRIV\_REPORT
  - MGMT\$ESA\_EXMPT\_ACCESS\_REPORT
  - MGMT\$ESA\_POWER\_PRIV\_REPORT
  - MGMT\$ESA\_PUB\_PRIV\_REPORT
  - MGMT\$ESA\_SYS\_PUB\_PKG\_REPORT
- Host Configuration Views
  - MGMT\$CSA\_HOST\_RULES
  - MGMT\$CSA\_HOST\_CPUS
  - MGMT\$CSA\_HOST\_IOCARDS
  - MGMT\$CSA\_HOST\_NICS
  - MGMT\$CSA\_HOST\_OS\_PROPERTIES
  - MGMT\$CSA\_HOST\_OS\_FILESYSTEMS

- MGMT\$ECM\_CONFIG\_HISTORY
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY1
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY2
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY3
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY4
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY5
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY6
- MGMT\$HW\_NIC
- MGMT\$OS\_COMPONENTS
- MGMT\$OS\_FS\_MOUNT
- MGMT\$OS\_HW\_SUMMARY
- MGMT\$OS\_PATCHES
- MGMT\$OS\_SUMMARY

## Licensed Command Line Interface (CLI) Verbs

The CLI verbs are licensed as part of the Linux Management Pack:

- delete\_blackout
- get\_blackout\_details
- get\_blackout\_reasons
- get\_blackout\_targets
- get\_blackouts
- stop\_blackout

## Licensed Reports

The following reports are part of the Linux Management Pack. To display the Reports page, click the **Reports** tab on the Grid Control Home page. The following reports are licensed as part of this pack:

- All reports under the **Monitoring** category and **Alerts and Policy Violations** sub-category
- All reports under the **Monitoring** category and **Availability History** sub-category
- All reports under the **Deployment and Configuration** category and **Hardware** sub-category
- All reports under the **Deployment and Configuration** category and **Operating System** sub-category
- All reports under the **Deployment and Configuration** category and **Linux Operating System** sub-category

## Enabling and Disabling the Oracle Management Packs for Oracle Enterprise Manager

If you have not enabled the features included in the Management Packs licensed with Oracle Enterprise Manager, you can enable or disable the functionality for each pack in the Oracle Enterprise Manager 10g Grid Control Console using the following procedure.

1. Ensure that the version of Oracle Enterprise Manager 10g Grid Control that you are using is at least release 10.2.

To check your Grid Control version, log in to the Grid Control Console and click **About Oracle Enterprise Manager** at the bottom of any page.

2. Log in to the Grid Control Console as a super administrator.
3. Click **Setup** in the upper right corner of the page.
4. Click **Management Pack Access** on the left navigation panel.

The Management Pack Access page allows you to enable or disable access for each Management Pack on each listed target.

5. For each host listed, you can enable or disable the management packs associated with an instance. For the target listed in the **Name** column, select the management packs for which you have access and click the box for that pack. For a new target, click the box in the **Pack Access Agreed** column to agree to the terms of the licensing agreement. The Pack Access Agreed option is available for selection only for a newly added target for which you have not accepted the terms of the Licensing Agreement.
6. Click **Apply** to save your changes.

When you disable a Management Pack, links that are part of that pack will either be disabled or, when a link is clicked, a message will indicate that the associated pack is not licensed for use. After performing the previous steps to disable a pack, any administrator who logs into the Grid Control Console cannot access Management Pack functionality that you have disabled.

## Showing Management Pack Information

Enterprise Manager indicates licensed links by showing an abbreviation for a pack beside the licensed link. The default is to not show these abbreviations. To enable this feature, do the following:

1. Access any **Enterprise Manager Grid Control** page.
2. Scroll to the bottom of the page until you see a + icon beside the About Oracle Enterprise Manager link on the left.
3. Click the **+ icon**. The + icon changes to a - icon, and the pack abbreviations now appear beside the licensed links.

For instance, click the **Targets** tab, click the **Services** sub-tab, then click a service name. The Service Home page that appears displays SLM abbreviations beside several links. If you click the abbreviation link, a table appears that provides the abbreviations, pack names, target types, and descriptions for all of the packs.

---

---

## Oracle Enterprise Manager Licensed Application Packs

Enterprise Manager licensed application packs are available for the following third-party products:

- PeopleSoft Enterprise
- Siebel

Features of the Service Level Management (SLM) Pack are also licensed as part of both packs. The sections in this chapter describe the licensed features for each product pack.

### Licensed Links for PeopleSoft Enterprise

The Oracle Application Management Pack for PeopleSoft Enterprise offers comprehensive application management capabilities that help IT organizations simplify the administration and monitoring of their PeopleSoft Enterprise environments. By building PeopleSoft management and monitoring on top of Oracle's rich and comprehensive management solution, the Oracle Application Management Pack for PeopleSoft Enterprise significantly reduces the cost and complexity of managing PeopleSoft Enterprise environments.

The following information describes the Enterprise Manager links that require licensing of the Application Management Pack for PeopleSoft Enterprise.

- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **PeopleSoft** subtab:
  - The **All PeopleSoft Targets** page is a licensed feature of the Application Management Pack for PeopleSoft Enterprise.
  - From the **All PeopleSoft Targets** page, click **Add PeopleSoft Targets**. The **Add PeopleSoft Targets** page and all subsequent pages within the process are licensed features of the Application Management Pack for PeopleSoft Enterprise.
  - From the **All PeopleSoft Targets** page, the options to create a **PS Application Server Domain**, **PS Process Scheduler Domain**, or **PS Search Server Domain** are licensed features of the Application Management Pack for PeopleSoft Enterprise.
  - From the **All PeopleSoft Targets** page, select a link for a **PS Application Server Domain** type. The **PS Application Server Domain Home**, **Performance**, **Administration**, and **Log** pages are licensed features of the Application Management Pack for PeopleSoft Enterprise.

- From the **All PeopleSoft Targets** page, select a link for a **PS Process Scheduler Domain** type. The **PS Process Scheduler Domain Home, Performance, Administration, and Log** pages are licensed features of the Application Management Pack for PeopleSoft Enterprise.
- From the **All PeopleSoft Targets** page, select a link for a **PS Search Server Domain** type. The **PS Search Server Domain Home, Performance, Administration, and Log** pages are all licensed features of the Application Management Pack for PeopleSoft Enterprise.
- From the **All PeopleSoft Targets** page, select a link for a **PS PIA** type. The **PS PIA Home, Performance, Administration, and Log** pages are licensed features of the Application Management Pack for PeopleSoft Enterprise.
- From the **All PeopleSoft Targets** page, select a link for a **PS Web Site** type. The **PS Web Site Home, Performance, Administration, and Log** pages are licensed features of the Application Management Pack for PeopleSoft Enterprise.
- From the **All PeopleSoft Targets** page, select a link for a **PS Application Database** type. The **PS Application Database Home and Configuration** pages are licensed features of the Application Management Pack for PeopleSoft Enterprise.
- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **Systems** subtab:
  - On the **Systems** page, click the link in the **Name** column for a system with **Type of PeopleSoft System**. The **PeopleSoft System Home, Chart, Administration, Components, Topology, Edit PeopleSoft System, PeopleSoft System URL Setup and Report** pages are licensed features of the Application Management Pack for PeopleSoft Enterprise.
  - From the **System** page, click the **Topology** subtab. From the topology viewer, the ability to act (for example, Start Domain or Stop Domain for a PS Application Server) on any PeopleSoft-supported component via a right mouse click is a licensed feature of the Application Management Pack for PeopleSoft Enterprise.

## Service Level Management Pack Licensed Links for PeopleSoft Enterprise

Features associated with the Service Level Management (SLM) Pack are also licensed as part of the Oracle Application Management Pack for PeopleSoft Enterprise. These SLM features are restricted for use with PeopleSoft Enterprise applications and only for the CPUs licensed. They cannot be used for extensions to the PeopleSoft Enterprise. Extensions include but are not limited to custom forms, JSPs, Java/J2EE code, and integrations using BPEL.

SLM offers a comprehensive monitoring solution that helps IT organizations achieve high availability and performance, and optimized service levels for their business services. SLM actively monitors and reports on the availability and performance of services, including end-user business functions, applications, and infrastructure components. Using service tests or synthetic transactions executed from remote user locations (beacons), businesses can monitor services from the end user's perspective and its correlation to the underlying IT infrastructure. In addition, SLM assesses the business impact of any service problem or failure and indicates whether service-level goals have been met.

The following lists describe the Enterprise Manager links that require licensing of the Application Management Pack for PeopleSoft Enterprise. This information does not include feature links that may contain information derived from the creation of tests and beacons, but are considered part of Service Level Management.

- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **Services** subtab:
  - On the Services page, click **Add** to add a service. The **Beacons** page of the **Add Services** wizard is a licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
  - On the Services page, click **Add** to add a service. Defining a service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability** page of the wizard is a licensed feature of the Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
  - On the Service page, select **Monitoring Configuration**. The **Service Tests and Beacons** link in the **Generic Tasks** section is a licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
  - On the Service page, select **Monitoring Configuration**. Select **Availability Definition** from the Generic Tasks section. Defining the service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability Definition** page is a licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
- From the Enterprise Manager Grid Control Console Home page, click the **Targets** tab, then click the **Web Applications** subtab:
  - On the Web Application page, click **Add** to define a service to model and monitor a business process or application. The **Beacons** page of the **Add Web Application** wizard is a licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
  - On the Web Application page, click **Add** to define a service to model and monitor a business process or application. Defining a Web application's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability** page of the wizard is a licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
  - On the Web Application page, select **Monitoring Configuration**. The **Service Tests and Beacons** link in the **Generic Tasks** section is a licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
  - On the Web Application page, select **Monitoring Configuration**. Select **Availability Definition** from the **Generic Tasks** section. Defining the service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability Definition** page is a licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.
- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **All Targets** subtab. From the **All Targets** page, navigate to an Agent Home page. The **Add Beacon** option from the **Add** drop-down menu is a

licensed feature of Service Level Management within the Application Management Pack for PeopleSoft Enterprise.

## Configuration Management for PeopleSoft Enterprise

Configuration management automates the time-consuming and often error-prone process of managing host software and hardware configurations and deployments. The configuration management features that are licensed as part of the Oracle Application Management Pack for PeopleSoft Enterprise provides capabilities such as search and compare across all systems, configuration monitoring, policy management and compliance support, security configuration scoring and dashboards, and comprehensive reporting for PeopleSoft-specific software components, which include:

- PeopleSoft System
- PS Application Server Domain
- PS Process Scheduler Domain
- PS Search Server Domain
- PS Web Site
- PS Application Server Database
- PS PIA

Configuration Management features of the Application Management Pack for PeopleSoft Enterprise enable users to:

- View and analyze configuration
- View and analyze deployments/installations
- Search configuration
- Compare configuration
- Manage policies, including policy notifications
- Provide configuration reports
- Provide repository tables/views that store/expose the above data

### Licensed Links

The following licensed pages and links of this pack apply to PeopleSoft-specific targets within Enterprise Manager. These targets include PeopleSoft System, PS Application Server Domain, PS Process Scheduler Domain, PS Search Server Domain, PS Web Site, PS Application Server Database, and PS PIA.

- **Grid Control Home page:**
  - All links in the **All Targets Policy Violations** section
  - Hardware and Operating System related information in the **Deployment Summary** sections
  - All links in the **Security Policy Violations** section
- From the **Grid Control Home** page, click the **Deployments** tab. On the **Deployments page**, the following items are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:



- Hardware and Operating System related information in the **Deployment Summary** sections.
- All links in the **Configuration** section
- All links in the **Client Configurations** section

---

**Note:** The features in the Patching and Cloning sections are licensed under the Provisioning Pack. The Agent Installation features do not require licensing. The security links are shared by the Provisioning Pack, Database Configuration Pack, Configuration Management Pack for Non-Oracle Systems, Application Management Pack for PeopleSoft Enterprise, Application Management Pack for Siebel, and Application Server Configuration Pack.

---

- From the **Grid Control Home page**, select the **Compliance tab**, then the **Policies sub-tab to display the Policy Violations page**. The links associated with this page are grouped in the Violations sub-tab. All links, sub-navigation tabs, and features available on or linked to from the Grid Control Policies Violations page for information related to hosts are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise
- From the Grid Control Home page, select the **Compliance tab**, then the **Security at a Glance sub-tab**. On the Grid Control **Security at a Glance** page, all links related to information on the host are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise.
- From the **Grid Control Home page**, click the **Targets tab**, then select the **Hosts sub-tab**. On the **Grid Control Hosts page**, the following items are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:
  - **Policy Violations** link
  - **Compliance Score (%)**
- From the **Grid Control Hosts page**, click a specific host to display the **Host Home page**. The following links are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:
  - All links in the **Configuration** section
  - All links in the **Policy Violations** section
  - All links in the **Security** section
  - Under **Related Links**, the following links are licensed:
    - \* **Deployments**
    - \* **Metric and Policy Settings**
- From the **Host Home page**, click the **Targets tab**. The following links and columns are licensed:
  - **Policy Violations** and associated links
  - **Compliance Score (%)**
- From the **Host Home page**, click the **Configuration tab**. All features, links, and information on the Configuration tab are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise.

- From the **Grid Control Home page**, click the **Targets tab**, then select the **Systems sub-tab**. On the **Systems page**, the following items are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:
  - **Policy Violations** link
- From the **Grid Control Home page**, click the **Targets tab**, then select the **Groups sub-tab**. On the **Groups page**, the following items are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:
  - **Policy Violations** link
- From the **Grid Control Home page**, click the **Targets tab**, then select the **Groups sub-tab**. Select a group. On the **Group Home page**, the following items are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:
  - All links in the **Configuration Changes** section
  - All links in the **Policy Violations** section
  - All links in the **Security Policy Violations** section
- From the **Groups Home page**, click the **Administration tab**. The following links are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:
  - Hardware and Operating System related information in the **Deployment Summary** sections
  - **Configuration Searches** feature for host and operating systems
- From the **Groups Home page**, click the **Members tab**. The following links are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:
  - All links and the information in the **Policy Violations** column

## Reports

The following reports are part of the licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise. All reports in each of these sections are features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise. To display the Reports page, click the **Reports** tab on the Grid Control Home page.

- All reports under **Deployment and Configuration**
- Monitoring reports
  - **Alerts and Policy Violations**
  - **Disabled Policies**
- Security reports
  - **Security Policy Overview**

## Repository Views

The following repository views are licensed features of Configuration Management within the Application Management Pack for PeopleSoft Enterprise:

- **Policy Definition Views**
  - mgmt\$policies
  - mgmt\$policy\_parameters
  - mgmt\$policy\_violation\_ctxt
  - mgmt\$policy\_viol\_annotations
  - mgmt\$policy\_viol\_notif\_log
- **Policy Association Views**
  - mgmt\$target\_policies
  - mgmt\$target\_policy\_settings
  - mgmt\$target\_policy\_eval\_sum
  - mgmt\$target\_compliance\_score
- **Policy Violation Views**
  - mgmt\$policy\_violation\_current
  - mgmt\$policy\_violation\_history
  - mgmt\$policy\_violation\_context
- **Configuration Views**
  - mgmt\$db\_tablespace
  - mgmt\$db\_datafiles
  - mgmt\$db\_controlfiles
- **Oracle Home Patching**
  - MGMT\$CPF\_ADVISORY\_INFO
  - MGMT\$CPF\_HOMES\_INFO
  - MGMT\$CPF\_PATCH\_INFO
  - MGMT\$EM\_HOMES\_PLATFORM
  - MGMT\$HOMES\_AFFECTED
  - MGMT\$PATCH\_ADVISORIES
  - MGMT\$APPL\_PATCH\_AND\_PATCHSET
  - MGMT\$APPLIED\_PATCHES
  - MGMT\$APPLIED\_PATCHSETS
- **Linux Patching**
  - MGMT\$HOSTPATCH\_HOSTS
  - MGMT\$HOSTPATCH\_GROUPS
  - MGMT\$HOSTPATCH\_GRP\_COMPL\_HIST
  - MGMT\$HOSTPATCH\_HOST\_COMPL
- **Security Views**
  - MGMT\$ESA\_ALL\_PRIVS\_REPORT

- MGMT\$ESA\_ANY\_DICT\_REPORT
- MGMT\$ESA\_ANY\_PRIV\_REPORT
- MGMT\$ESA\_AUDIT\_SYSTEM\_REPORT
- MGMT\$ESA\_BECOME\_USER\_REPORT
- MGMT\$ESA\_CATALOG\_REPORT
- MGMT\$ESA\_CONN\_PRIV\_REPORT
- MGMT\$ESA\_CREATE\_PRIV\_REPORT
- MGMT\$ESA\_DBA\_GROUP\_REPORT
- MGMT\$ESA\_DBA\_ROLE\_REPORT
- MGMT\$ESA\_DIRECT\_PRIV\_REPORT
- MGMT\$ESA\_EXMPT\_ACCESS\_REPORT
- MGMT\$ESA\_KEY\_OBJECTS\_REPORT
- MGMT\$ESA\_OH\_OWNERSHIP\_REPORT
- MGMT\$ESA\_OH\_PERMISSION\_REPORT
- MGMT\$ESA\_POWER\_PRIV\_REPORT
- MGMT\$ESA\_PUB\_PRIV\_REPORT
- MGMT\$ESA\_SYS\_PUB\_PKG\_REPORT
- MGMT\$ESA\_TABSP\_OWNERS\_REPORT
- MGMT\$ESA\_TRC\_AUD\_PERM\_REPORT
- MGMT\$ESA\_WITH\_ADMIN\_REPORT
- MGMT\$ESA\_WITH\_GRANT\_REPORT
- **Client Configurations Views**
  - MGMT\$CSA\_COLLECTIONS
  - MGMT\$CSA\_FAILED
  - MGMT\$CSA\_HOST\_OS\_COMPONENTS
  - MGMT\$CSA\_HOST\_SW
  - MGMT\$CSA\_HOST\_COOKIES
  - MGMT\$CSA\_HOST\_CUSTOM
  - MGMT\$CSA\_HOST\_RULES
  - MGMT\$CSA\_HOST\_CPUS
  - MGMT\$CSA\_HOST\_IOCARDS
  - MGMT\$CSA\_HOST\_NICS
  - MGMT\$CSA\_HOST\_OS\_PROPERTIES
  - MGMT\$CSA\_HOST\_OS\_FILESYSTEMS
  - MGMT\$ECM\_CONFIG\_HISTORY
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY1
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY2

- MGMT\$ECM\_CONFIG\_HISTORY\_KEY3
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY4
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY5
- MGMT\$ECM\_CONFIG\_HISTORY\_KEY6
- MGMT\$HW\_NIC
- MGMT\$OS\_COMPONENTS
- MGMT\$OS\_FS\_MOUNT
- MGMT\$OS\_HW\_SUMMARY
- MGMT\$OS\_PATCHES
- MGMT\$OS\_SUMMARY
- MGMT\$SOFTWARE\_COMP\_PATCHSET
- MGMT\$SOFTWARE\_COMPONENT\_ONEOFF
- MGMT\$SOFTWARE\_COMPONENTS
- MGMT\$SOFTWARE\_DEPENDENCIES
- MGMT\$SOFTWARE\_HOMES
- MGMT\$SOFTWARE\_ONEOFF\_PATCHES
- MGMT\$SOFTWARE\_OTHERS
- MGMT\$SOFTWARE\_PATCHES\_IN\_HOMES
- MGMT\$SOFTWARE\_PATCHSETS

## Licensed Commands for PeopleSoft Enterprise

The following Enterprise Manager command line interface (CLI) commands are licensed as part of Service Level Management within the Application Management Pack for PeopleSoft Enterprise:

- `emcli apply_template_tests`
- `emcli create_service`
- `emcli add_target`

## Licensed Links for Siebel

The Oracle Application Management Pack for Siebel offers comprehensive application management capabilities that help IT organizations simplify the administration and monitoring of their Siebel Enterprise environments. By building Siebel management and monitoring on top of Oracle's rich and comprehensive management solution, the Oracle Application Management Pack for Siebel significantly reduces the cost and complexity of managing Siebel environments.

The following information describes the Enterprise Manager links that require licensing of the Application Management Pack for Siebel.

- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **Siebel** subtab and select the **Siebel Enterprise View** from the drop-down list:

- The **Siebel System Targets** page is a licensed feature of the Application Management Pack for Siebel.
- From the **Siebel System Targets** page, click **Add Siebel Enterprise**. The **Add Siebel Enterprise** page and all subsequent pages within the process are licensed features of the Application Management Pack for Siebel.
- From the **Siebel System Targets** page, the options to create a **PS Application Server Domain**, **PS Process Scheduler Domain**, or **PS Search Server Domain** are licensed features of the Application Management Pack for PeopleSoft Enterprise.
- From the **Siebel System Targets** page, select a link for a **Siebel Enterprise**. The **Siebel Enterprise Home** and all subsequent pages accessed through the Home Page are licensed features of the Application Management Pack for Siebel.
- From the **Siebel System Targets** page, select a link for a **Siebel Server**. The **Siebel Server Home** and all subsequent pages accessed through the Home Page are licensed features of the Application Management Pack for Siebel.
- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **Systems** subtab:
  - On the **Systems** page, click the link in the **Name** column for a system with **Type of Siebel Enterprise**. The resultant page contents are licensed features of the Application Management Pack for Siebel.

## Service Level Management Pack Licensed Links for Siebel

Features associated with the Service Level Management (SLM) Pack are also licensed as part of the Oracle Application Management Pack for Siebel. These SLM features are restricted for use with Siebel applications and only for the CPUs licensed. They cannot be used for extensions to Siebel. Extensions include but are not limited to custom forms, JSPs, Java/J2EE code, and integrations using BPEL.

SLM offers a comprehensive monitoring solution that helps IT organizations achieve high availability and performance, and optimized service levels for their business services. SLM actively monitors and reports on the availability and performance of services, including end-user business functions, applications, and infrastructure components. Using service tests or synthetic transactions executed from remote user locations (beacons), businesses can monitor services from the end user's perspective and its correlation to the underlying IT infrastructure. In addition, SLM assesses the business impact of any service problem or failure and indicates whether service-level goals have been met.

The following lists describe the Enterprise Manager links that require licensing of the Application Management Pack for Siebel. This information does not include feature links that may contain information derived from the creation of tests and beacons, but are considered part of Service Level Management.

- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **Services** subtab:
  - On the **Services** page, click the link in the **Name** column for a service with any of the Siebel Application Service types. The **Application Services Page** and all subsequent pages within the page hierarchy are licensed features of the Application Management Pack for Siebel.

- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **Siebel** subtab and select **Service View** from the drop-down list:
  - On the **Services** page, click **Add** to add a service. The **Beacons** page of the **Add Services** wizard is a licensed feature of Service Level Management within Application Management Pack for Siebel.
  - On the **Services** page, click **Add** to add a service. Defining a service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability** page of the wizard is a licensed feature of Service Level Management within Application Management Pack for Siebel.
  - On the **Service** page, select **Monitoring Configuration**. The **Service Tests and Beacons** link in the **Generic Tasks** section is a licensed feature of Service Level Management within Application Management Pack for Siebel.
  - On the **Service** page, select **Monitoring Configuration**. Select **Availability Definition** from the **Generic Tasks** section. Defining the service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability Definition** page is a licensed feature of Service Level Management within Application Management Pack for Siebel.
- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **Siebel** subtab and select **Service View** from the drop-down list:
  - On the **Siebel Application Service** page, click **Add** to define a service to model and monitor a business process or application. The **Beacons** page of the **Add Siebel Application** wizard is a licensed feature of Service Level Management within Application Management Pack for Siebel.
  - On the **Siebel Application Service** page, click **Add** to define a service to model and monitor a business process or application. Defining a Siebel application's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability** page of the wizard is a licensed feature of Service Level Management within Application Management Pack for Siebel.
  - On the **Siebel Application Service** page, select **Monitoring Configuration**. The **Service Tests and Beacons** link in the **Generic Tasks** section is a licensed feature of Service Level Management within Application Management Pack for Siebel.
  - On the **Siebel Application Service** page, select **Monitoring Configuration**. Select **Availability Definition** from the **Generic Tasks** section. Defining the service's availability based on the execution of a service test by selecting **Service Test** from the drop-down menu on the **Availability Definition** page is a licensed feature of Service Level Management within Application Management Pack for Siebel.
- From the **Enterprise Manager Grid Control Console Home** page, click the **Targets** tab, then click the **All Targets** subtab. From the **All Targets** page, navigate to an **Agent Home** page. The **Add Beacon** option from the **Add** drop-down menu is a licensed feature of Service Level Management within Application Management Pack for Siebel.

## Configuration Management for Siebel

Configuration management automates the time-consuming and often error-prone process of managing host software and hardware configurations and deployments.

The configuration management features that are licensed as part of the Oracle Application Management Pack for Siebel provides capabilities such as search and compare across all systems, configuration monitoring, policy management and compliance support, security configuration scoring and dashboards, and comprehensive reporting for Siebel-specific software components, which include:

- Siebel Enterprise
- Siebel Server
- Siebel Component Group
- Siebel Component
- Siebel Required Component Group
- Siebel Functional Component Group
- Siebel Database Repository
- Siebel Gateway Server
- Siebel Application Service (HI)
- Siebel Application Service (SI)

Configuration Management features of the Application Management Pack for Siebel enable users to:

- View and analyze configuration
- View and analyze deployments/installations
- Search configuration
- Compare configuration
- Manage policies, including policy notifications
- Provide configuration reports
- Provide repository tables/views that store/expose the above data

## Licensed Links

The following licensed pages and links of this pack apply to Siebel-specific targets within Enterprise Manager. These targets include Siebel Enterprise, Siebel Server, Siebel Component Group, Siebel Component, Siebel Required Component Group, Siebel Functional Component Group, Siebel Database Repository, Siebel Gateway Server, Siebel Application Service (HI), and Siebel Application Service (SI).

- **Grid Control Home page:**
  - All links in the **All Targets Policy Violations** section
  - Hardware and Operating System related information in the **Deployment Summary** sections
  - All links in the **Security Policy Violations** section
- From the **Grid Control Home** page, click the **Deployments** tab. On the **Deployments page**, the following items are licensed features of Configuration Management within the Application Management Pack for Siebel:
  - Hardware and Operating System related information in the **Deployment Summary** sections.
  - All links in the **Configuration** section



- All links in the **Client Configurations** section

---



---

**Note:** The features in the Patching and Cloning sections are licensed under the Provisioning Pack. The Agent Installation features do not require licensing. The security links are shared by the Provisioning Pack, Database Configuration Pack, Configuration Management Pack for Non-Oracle Systems, Application Management Pack for PeopleSoft Enterprise, Application Management Pack for Siebel, and Application Server Configuration Pack.

---



---

- From the **Grid Control Home page**, select the **Compliance tab**, then the **Policies sub-tab to display the Policy Violations page**. The links associated with this page are grouped in the Violations sub-tab. All links, sub-navigation tabs, and features available on or linked to from the Grid Control Policies Violations page for information related to hosts are licensed features of Configuration Management within the Application Management Pack for Siebel.
- From the Grid Control Home page, select the **Compliance tab**, then the **Security at a Glance sub-tab**. On the Grid Control **Security at a Glance page**, all links related to information on the host are licensed features of Configuration Management within the Application Management Pack for Siebel.
- From the **Grid Control Home page**, click the **Targets tab**, then select the **Hosts sub-tab**. On the **Grid Control Hosts page**, the following items are licensed features of Configuration Management within the Application Management Pack for Siebel:
  - **Policy Violations link**
  - **Compliance Score (%)**
- From the **Grid Control Hosts page**, click a specific host to display the **Host Home page**. The following links are licensed features of Configuration Management within the Application Management Pack for Siebel:
  - All links in the **Configuration** section
  - All links in the **Policy Violations** section
  - All links in the **Security** section
  - Under **Related Links**, the following links are licensed:
    - \* **Deployments**
    - \* **Metric and Policy Settings**
- From the **Host Home page**, click the **Targets tab**. The following links and columns are licensed:
  - **Policy Violations** and associated links
  - **Compliance Score (%)**
- From the **Host Home page**, click the **Configuration tab**. All features, links, and information on the Configuration tab are licensed features of Configuration Management within the Application Management Pack for Siebel.
- From the **Grid Control Home page**, click the **Targets tab**, then select the **Systems sub-tab**. On the **Systems page**, the following items are licensed features of Configuration Management within the Application Management Pack for Siebel:

- **Policy Violations** link
- From the **Grid Control Home page**, click the **Targets tab**, then select the **Groups sub-tab**. On the **Groups page**, the following items are licensed features of Configuration Management within the Application Management Pack for Siebel:
  - **Policy Violations** link
- From the **Grid Control Home page**, click the **Targets tab**, then select the **Groups sub-tab**. Select a group. On the **Group Home page**, the following items are licensed features of Configuration Management within the Application Management Pack for Siebel:
  - All links in the **Configuration Changes** section
  - All links in the **Policy Violations** section
  - All links in the **Security Policy Violations** section
- From the **Groups Home page**, click the **Administration** tab. The following links are licensed features of Configuration Management within the Application Management Pack for Siebel:
  - Hardware and Operating System related information in the **Deployment Summary** sections
  - **Configuration Searches** feature for host and operating systems
- From the **Groups Home page**, click the **Members** tab. The following links are licensed features of Configuration Management within the Application Management Pack for Siebel:
  - All links and the information in the **Policy Violations** column

## Reports

The following reports are part of the licensed features of Configuration Management within the Application Management Pack for Siebel. All reports in each of these sections are features of Configuration Management within the Application Management Pack for Siebel. To display the Reports page, click the **Reports** tab on the Grid Control Home page.

- All reports under **Deployment and Configuration**
- Monitoring reports
  - **Alerts and Policy Violations**
  - **Disabled Policies**
- Security reports
  - **Security Policy Overview**

## Repository Views

The following repository views are licensed features of Configuration Management within the Application Management Pack for Siebel:

- **Policy Definition Views**
  - `mgmt$policies`
  - `mgmt$policy_parameters`
  - `mgmt$policy_violation_ctxt`

- mgmt\$policy\_viol\_annotations
- mgmt\$policy\_viol\_notif\_log
- **Policy Association Views**
  - mgmt\$target\_policies
  - mgmt\$target\_policy\_settings
  - mgmt\$target\_policy\_eval\_sum
  - mgmt\$target\_compliance\_score
- **Policy Violation Views**
  - mgmt\$policy\_violation\_current
  - mgmt\$policy\_violation\_history
  - mgmt\$policy\_violation\_context
- **Configuration Views**
  - mgmt\$db\_tablespaces
  - mgmt\$db\_datafiles
  - mgmt\$db\_controlfiles
- **Oracle Home Patching**
  - MGMT\$CPF\_ADVISORY\_INFO
  - MGMT\$CPF\_HOMES\_INFO
  - MGMT\$CPF\_PATCH\_INFO
  - MGMT\$EM\_HOMES\_PLATFORM
  - MGMT\$HOMES\_AFFECTED
  - MGMT\$PATCH\_ADVISORIES
  - MGMT\$APPL\_PATCH\_AND\_PATCHSET
  - MGMT\$APPLIED\_PATCHES
  - MGMT\$APPLIED\_PATCHSETS
- **Linux Patching**
  - MGMT\$HOSTPATCH\_HOSTS
  - MGMT\$HOSTPATCH\_GROUPS
  - MGMT\$HOSTPATCH\_GRP\_COMPL\_HIST
  - MGMT\$HOSTPATCH\_HOST\_COMPL
- **Security Views**
  - MGMT\$ESA\_ALL\_PRIVS\_REPORT
  - MGMT\$ESA\_ANY\_DICT\_REPORT
  - MGMT\$ESA\_ANY\_PRIV\_REPORT
  - MGMT\$ESA\_AUDIT\_SYSTEM\_REPORT
  - MGMT\$ESA\_BECOME\_USER\_REPORT

- MGMT\$ESA\_CATALOG\_REPORT
- MGMT\$ESA\_CONN\_PRIV\_REPORT
- MGMT\$ESA\_CREATE\_PRIV\_REPORT
- MGMT\$ESA\_DBA\_GROUP\_REPORT
- MGMT\$ESA\_DBA\_ROLE\_REPORT
- MGMT\$ESA\_DIRECT\_PRIV\_REPORT
- MGMT\$ESA\_EXMPT\_ACCESS\_REPORT
- MGMT\$ESA\_KEY\_OBJECTS\_REPORT
- MGMT\$ESA\_OH\_OWNERSHIP\_REPORT
- MGMT\$ESA\_OH\_PERMISSION\_REPORT
- MGMT\$ESA\_POWER\_PRIV\_REPORT
- MGMT\$ESA\_PUB\_PRIV\_REPORT
- MGMT\$ESA\_SYS\_PUB\_PKG\_REPORT
- MGMT\$ESA\_TABSP\_OWNERS\_REPORT
- MGMT\$ESA\_TRC\_AUD\_PERM\_REPORT
- MGMT\$ESA\_WITH\_ADMIN\_REPORT
- MGMT\$ESA\_WITH\_GRANT\_REPORT
- **Client Configurations Views**
  - MGMT\$CSA\_COLLECTIONS
  - MGMT\$CSA\_FAILED
  - MGMT\$CSA\_HOST\_OS\_COMPONENTS
  - MGMT\$CSA\_HOST\_SW
  - MGMT\$CSA\_HOST\_COOKIES
  - MGMT\$CSA\_HOST\_CUSTOM
  - MGMT\$CSA\_HOST\_RULES
  - MGMT\$CSA\_HOST\_CPUS
  - MGMT\$CSA\_HOST\_IOCARDS
  - MGMT\$CSA\_HOST\_NICS
  - MGMT\$CSA\_HOST\_OS\_PROPERTIES
  - MGMT\$CSA\_HOST\_OS\_FILESYSTEMS
  - MGMT\$ECM\_CONFIG\_HISTORY
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY1
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY2
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY3
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY4
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY5
  - MGMT\$ECM\_CONFIG\_HISTORY\_KEY6

- MGMT\$HW\_NIC
- MGMT\$OS\_COMPONENTS
- MGMT\$OS\_FS\_MOUNT
- MGMT\$OS\_HW\_SUMMARY
- MGMT\$OS\_PATCHES
- MGMT\$OS\_SUMMARY
- MGMT\$SOFTWARE\_COMP\_PATCHSET
- MGMT\$SOFTWARE\_COMPONENT\_ONEOFF
- MGMT\$SOFTWARE\_COMPONENTS
- MGMT\$SOFTWARE\_DEPENDENCIES
- MGMT\$SOFTWARE\_HOMES
- MGMT\$SOFTWARE\_ONEOFF\_PATCHES
- MGMT\$SOFTWARE\_OTHERS
- MGMT\$SOFTWARE\_PATCHES\_IN\_HOMES
- MGMT\$SOFTWARE\_PATCHSETS

## Licensed Commands for Siebel

The following Enterprise Manager command line interface (CLI) commands are licensed as part of Service Level Management within the Application Management Pack for Siebel:

- `emcli apply_template_tests`
- `emcli create_service`
- `emcli add_target`



---

---

## Oracle Enterprise Manager Licensed Management Plug-Ins

Enterprise Manager offers Management Plug-ins to expand system coverage to non-Oracle components such as hosts, non-Oracle databases, non-Oracle middleware, network devices, and storage, thus providing customers with a single integrated tool for managing any application built on Oracle. The Management Plug-ins deliver availability and performance monitoring, historical trend analysis, and advanced event management capabilities, enabling faster problem diagnosis and resolution.

The following sections describe the licensed features for each of the following categories of Enterprise Manager management plug-ins along with their access points.

- [Enterprise Manager System Monitoring Plug-in For Hosts](#)
- [Enterprise Manager System Monitoring Plug-Ins for Storage](#)
- [Enterprise Manager System Monitoring Plug-Ins for Network Devices](#)
- [Enterprise Manager System Monitoring Plug-Ins for Non-Oracle Middleware](#)
- [Enterprise Manager System Monitoring Plug-Ins for Non-Oracle Databases](#)

### Enterprise Manager System Monitoring Plug-in For Hosts

The System Monitoring Plug-in for Hosts provides performance and availability data collection, historical monitoring, event management/monitoring, notifications, and performance reporting for host systems.

#### Features

The following features are available for this plug-in:

- Real-time and historical performance monitoring and trending (hosts)
- Event management and monitoring
- Event/alert notifications: notification methods, rules, and schedules
- Event/alert history and metric history (hosts)
- User-defined metrics
- Metric snapshots
- Blackouts/planned outages
- Monitoring templates
- Corrective actions (including response actions)

- Performance and event reports
- Repository tables/views that store/expose the above data

To use these features, you must license the System Monitoring Plug-in for Hosts.

## Licensed Links

The list that follows itemizes the links that require licensing of the System Monitoring for Hosts plug-in. Some features for the plug-in are accessed only when you are in Grid Control mode. You can navigate to these features in several ways. The list that follows assumes that you begin from the main Grid Control Home page.

- From the Oracle Enterprise Manager **Hosts page**:
  - When you click the link in the **Status** column, Enterprise Manager displays the **Availability (Status History)** page, which is part of this licensed plug-in.
  - When you select the value in the **CPU Util %** column, the metric history page for **CPU Utilization (%)** appears, which is part of this licensed plug-in.
  - When you select the value in the **Memory Util %** column, the metric history page for **Memory Utilization (%)** appears, which is part of licensed System Monitoring for Hosts plug-in.
  - When you select the value in the **Total IO/sec** column, the metric history page for **Total Disk I/O Per Second** appears, which is part of the licensed plug-in.
- From the Oracle Enterprise Manager **Host Home page**:
  - When you click the link in the **Status** field or the **Availability** field, the **Availability (Status History)** page appears, which is part of this licensed plug-in.
  - When you click the **Black Out** button, the **Create Blackout** wizard initiates, which is part of this licensed plug-in.
  - When you click the **Metric Name** in the **Alerts Table**, the metric history page that is displayed is part of the System Monitoring for Hosts plug-in.
- From the **Related Links** section of the Oracle Enterprise Manager Host Home page, the following links are licensed under the System Monitoring for Hosts plug-in:
  - **Alert History**
  - **Blackouts**
  - **Storage Details**
  - **User-defined Metrics**
  - From the **All Metrics** link and the resultant All Metrics page, drilling down to **Metric History** pages is licensed.
  - From the **Metrics and Policy Settings** link, selecting **Metric Snapshots** from the **Metric Thresholds Links** section is a licensed feature.
- All links, charts, and information on the **Performance sub-tab** of the **Host Home page** are licensed under the System Monitoring for Hosts plug-in.
- Select the **Preferences** link on the Enterprise Manager Grid Control Hosts page. From the **General Preferences** list, selecting either **Notification Rules** or **Notifications Public Rules**, and then **Create** to create a notification rule, or



selecting the **Notification Schedules** feature is a licensed activity of the System Monitoring for Hosts plug-in.

- Creating a notification rule that applies to a host is a licensable feature of the System Monitoring for Hosts plug-in.
- Select the **Setup** link on the Enterprise Manager Grid Control Hosts page. The following links on the **Overview of Setup** page are licensed as part of the System Monitoring for Hosts plug-in:
  - **Monitoring Templates**
  - **Corrective Action Library**
  - **Notification Methods**
  - **Blackouts**
- Select the **Alerts** tab on the Enterprise Manager Grid Control Hosts page. Clicking on the **Message link** for any host-related alert is a licensed feature of the plug-in.
- Select the **Groups** sub-tab on the Enterprise Manager Grid Control Host page. On the **Groups page**, click an **Alert** in the Alert column. The **Message link** on the **Status Report** page is a licensed feature of the plug-in.
- Select the **Groups** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **Group Home page**. The following items are licensed as part of the System Monitoring Plug-in for Hosts:
  - **Message links** for host-related alerts accessible from links in the **Alerts** section
  - **Alert History** button in the Alerts section
  - **Status History** button in the Status section
- Select the **Groups** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **Group Home page**. All information on the **Groups Charts page** is licensed if the host is part of the membership of the group.
- Select the **Groups** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **Group Home page**. On the **Groups Administration page**, all links in the **Blackouts** section are licensed if the host is a member of the group.
- Select the **Groups** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **Group Home page**. On the **Groups Members page**, the following items are licensed as part of the System Monitoring Plug-in for Hosts:
  - Host-related links in the **Status** column
  - **Message links** for host-related alerts accessible from links in the **Alerts** column
  - Links in the performance metric columns for hosts; for example, CPU Usage and Memory Usage
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page. On the **Systems page**, click an **Alert** in the Alert column. The **Message link** on the **Status Report** page is a licensed feature of the plug-in.
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **System Home page**. Whenever a host target is included in the system, the following items are licensed as part of the System Monitoring Plug-in for Hosts on the **Systems Home page**:
  - **Message links** for host-related alerts accessible from links in the Alerts section

- **Alert History** button in the Alerts section
- **Status History** button in the Status section
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **System Home page**. All information on the **Systems Charts page** is licensed if the host is part of the system.
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **System Home page**. On the **Systems Administration page**, all links in the **Blackouts** section are licensed if the host is part of the system.
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **System Home page**. On the **Systems Components page**, the following items are licensed:
  - **Host links** in the **Status** column
  - **Message links** for host-related alerts accessible from links in the **Alerts** column
  - **Links in the performance metric columns for host metrics**
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **System Home page**. On the **Systems Topology page**, the following items are licensed:
  - Status link in the **Selection Details** column for host components
  - **Message links** accessible from the alerts links in the Selection Details and Summary sections for host alerts
- Select the **Systems** sub-tab on the Enterprise Manager Grid Control Host page. Navigate to the **System Home page**. Click the **Launch Dashboard** button. On the Dashboard, all **Message links** for host-related alerts in the **Message** column are licensed as are status links in the status column.
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. On the **Services page**, the following items are licensed as part of the System Monitoring Plug-in for Hosts:
  - The **Status link** is licensed if service availability is system-based and if at least one host component is a key component
  - **Message links** accessible from links in the **Performance Alerts section** if host metrics are used as performance metrics
  - **Message links** accessible from links in the **Usage Alerts** column if host metrics are used as usage metrics
  - **Message links** for host-related alerts accessible from links in the **Alerts** column of the **Key Components** sub-column
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. On the **Services page**, select a **Service** to add from the **Add** drop-down menu and click **Go**. On the **Services Creation wizard**, the use of host metrics as performance and usage metrics is a licensed feature of the plug-in.
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click a generic service link on the **Services page** to display the Service Home page. The following items are licensed as part of the System Monitoring Plug-in for Hosts on the **Service Home page**:
  - The **Blackout button** in the **General section** is licensed if the availability of the service is system-based and at least one host is a key component

- The **Availability** link in the **General** section is licensed if the availability of the service is system-based and at least one host is a key component
- **Actual Service Level** link in the **General** section is licensed if the availability of the service is system-based and at least one host is a key component
- **Message links** in the **Message** column for host-related alerts accessible from **Alert links** in the **Key Component Summary** section
- **Message links** in the **Message** column of the **Possible Causes of Service Failure** section if a host component is one of the possible causes of failure
- **Message links** in the **Message** columns accessible from the **Root Cause Analysis Details** link in the **Possible Causes of Service Failure** section if a host component is one of the possible causes of failure
- **Message links** for host-related alerts in the **Message** column of the **Alerts** section
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click a generic service link on the **Services** page to display the **Service Home** page. Click the **System** link. The following items are licensed as part of the System Monitoring Plug-in for Hosts on the **Service System** page:
  - **Status** link for host key components
  - **Message links** for host-related alerts accessible from links in the **Alerts** column
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click a generic service link on the **Services** page to display the **Service Home** page. Click the **Topology** link. The following items are licensed as part of the plug-in on the **Service Topology** page:
  - The **Status** link in the **Selection Details** section is licensed if service availability is system-based and if at least one host is a key component
  - **Message links** for host-related alerts accessible from the **Alerts** link in the **Selection Details** section
  - **Possible Root Cause** link in the **Selection Details** section if the root cause is a host
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click a generic service link on the **Services** page to display the **Service Home** page. Click the **Monitoring Configuration** link. The following items are licensed as part of the plug-in on the **Service Monitoring Configuration** page:
  - **Host** links for host targets in the **Component Test** column accessible from the **Root Cause Analysis Configuration** link
  - **Adding Performance Metrics** based on host metrics accessible from the **Performance Metrics** link
  - **Adding Usage Metrics** based on host metrics accessible from the **Usage Metrics** link
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click a generic service link on the **Services** page to display the **Service Home** page. The following items are licensed as part of the plug-in in the **Related Links** section:
  - **Blackouts** and all subsequent pages are licensed if the availability of the service is system-based and at least one host is a key component

- **Alert History** link and subsequent pages if any host metrics are used as performance or usage metrics for the service
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click an aggregate service link on the **Services page** to display the **Service Home page**. The following items are licensed as part of the System Monitoring Plug-in for Hosts on the **Service Home page**:
  - The **Blackout button** in the **General section** is licensed if the availability of one of the sub-services is system-based and at least one host is a key component
  - The **Availability** link in the **General section** is licensed if the availability of one of the sub-services is system-based and at least one host is a key component
  - **Actual Service Level** link in the **General section** is licensed if the availability of one of the sub-services is system-based and at least one host is a key component
  - **Message links** in the **Message** column for host-related alerts accessible from **Alert links** in the **Key Component Summary section**
  - **Message links** in the **Message** column of the **Possible Causes of Service Failure section**, if a host component is one of the possible causes of failure
  - **Message links** in the **Message** columns accessible from the **Root Cause Analysis Details** link in the **Possible Causes of Service Failure section**, if a host component is one of the possible causes of failure
  - **Message links** for host-related alerts in the **Message** column of the **Alerts section**
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click an aggregate service link on the **Services page** to display the **Service Home page**. Click the **Topology** link. The following items are licensed as part of the plug-in on the **Service Topology page**:
  - The **Status** link in the **Selection Details section** is licensed if the availability of one of the sub-services is system-based and if at least one host is a key component
  - **Message links** for host-related alerts accessible from the **Alerts** link in the **Selection Details section**
  - **Possible Root Cause** link in the **Selection Details section** if the root cause is a host
- Select the **Services** sub-tab on the Enterprise Manager Grid Control Host page. Click an aggregate service link on the **Services page** to display the **Service Home page**. The following items are licensed as part of the plug-in in the **Related Links section**:
  - **Blackouts** and all subsequent pages are licensed if the availability of one of the sub-services is system-based and at least one host is a key component
  - **Host** links for host targets in the **Component Test** column accessible from the **Root Cause Analysis Configuration** link
- Select the **Web Applications** sub-tab on the Enterprise Manager Grid Control Host page. On the **Web Applications page** the following items are licensed as part of the System Monitoring Plug-in for Hosts:

- If Web Application availability is system-based and if at least one host component is a key component, then the **Status link** is licensed
- **Message links** for host-related alerts accessible from links in the **Alerts** column
- Select the **Web Applications** sub-tab on the Enterprise Manager Grid Control Host page. Click a web application. The following items are licensed as part of the System Monitoring Plug-in for Hosts on the **Web Application Home page**:
  - The **Blackout button** in the **General section** is licensed if the availability of the service is system-based and at least one host is a key component
  - The **Availability link** in the **General section** is licensed if the availability of the service is system-based and at least one host is a key component
  - **Actual Service Level link** in the **General section** is licensed if the availability of the service is system-based and at least one host is a key component
  - **Message links** in the **Message** column for host-related alerts accessible from **Alert links** in the **Key Component Summary section**
  - **Message links** in the **Message** column of the **Possible Causes of Service Failure section**, if a host component is one of the possible causes of failure
  - **Message links** in the **Message** columns accessible from the **Root Cause Analysis Details link** in the **Possible Causes of Service Failure section**, if a host component is one of the possible causes of failure
  - **Message links** for host-related alerts in the **Message** column of the **Alerts section** for host alerts
- Select the **Web Applications** sub-tab on the Enterprise Manager Grid Control Host page. Click a web application. Click the **System** link. The following items are licensed as part of the plug-in on the **Web Application System page**:
  - **Status link** is licensed if service availability is system-based and if at least one host is a key component
  - **Message links** for host-related alerts accessible from links in the **Alerts** column
- Select the **Web Applications** sub-tab on the Enterprise Manager Grid Control Host page. Click a web application. Click the **Topology** link. The following items are licensed as part of the plug-in on the **Web Application Topology page**:
  - The **Status link** in the **Selection Details section** is licensed if service availability is system-based and if at least one host is a key component
  - **Message links** for host-related alerts accessible from the **Alerts link** in the **Selection Details section**
  - **Possible Root Cause link** in the **Selection Details section** if the root cause is a host
- Select the **Web Applications** sub-tab on the Enterprise Manager Grid Control Host page. Click a web application. Click the **Monitoring Configuration** link. The following items are licensed as part of the plug-in on the **Web Application Monitoring Configuration page**:
  - **Host links** in the **Component Test** column accessible from the **Root Cause Analysis Configuration link**
  - Adding Performance Metrics based on host metrics accessible from the **Performance Metrics link**

- Adding Usage Metrics based on host metrics accessible from the **Usage Metrics** link
- Select the **Web Applications** sub-tab on the Enterprise Manager Grid Control Host page. Click a web application. The following item is licensed as part of the plug-in in the **Related Links** section:
  - **Blackouts** and all subsequent pages are licensed if the availability of the web application is system-based and at least one host is a key component
- From the **Grid Control Home page**, select **Targets**, then **Databases**, and then select a database link to drill down to the **Database Home page**. On the Database Home page, any **Message link** for host-related alerts in the **Related Alerts** section is a licensed part of the System Monitoring Plug-in for Hosts
- From the **Grid Control Home page**, select **Targets**, then **Application Servers**. Click an application server. On the **Application Server Home page**, all **Message links** in the Host Alerts section are licensed
- From the home page for any target type, all **Message links** in the **Host Alerts** section are licensed

## Licensed Repository Views

The following repository views are part of the System Monitoring Plug-in for Hosts:

- Monitoring Views
  - MGMT\$BLACKOUT\_HISTORY
  - MGMT\$BLACKOUTS
  - MGMT\$ALERT\_ANNOTATIONS
  - MGMT\$ALERT\_NOTIF\_LOG
  - MGMT\$AVAILABILITY\_HISTORY
  - MGMT\$ALERT\_HISTORY
  - MGMT\$METRIC\_DETAILS
  - MGMT\$METRIC\_HOURLY
  - MGMT\$METRIC\_DAILY
- Template Views
  - MGMT\$TEMPLATES
  - MGMT\$TEMPLATE\_POLICY\_SETTINGS
  - MGMT\$TEMPLATE\_METRIC\_COLLECTION
  - MGMT\$TEMPLATE\_METRIC\_SETTINGS

## Licensed Command Line Interface Verbs

The following command line interface (CLI) verbs are licensed as part of the System Monitoring Plug-in for Hosts:

- delete\_blackout
- get\_blackout\_details
- get\_blackout\_reasons

- get\_blackout\_targets
- get\_blackouts
- stop\_blackout

## Licensed Reports

The following reports are part of the System Monitoring Plug-in for Hosts. To display the Reports page, click the **Reports** tab on the Grid Control Home page.

- 20 Most Common Alerts and Policy Violations
- 20 Most Common Alerts and Policy Violations (Target): for a host target
- Alerts and Policy Violations History
- Alerts and Policy Violations History (Group): if a host is one of the members of the group
- Alerts and Policy Violations History (Target): for a host target
- Availability History (Group): if a host is one of the members of the group
- Availability History (Redundancy Group): if a host is one of the members of the redundancy group
- Availability History (Target): for a host target

## Enterprise Manager System Monitoring Plug-Ins for Storage

The System Monitoring Plug-ins for Storage provide performance and availability data collection, real-time and historical monitoring, event management/monitoring, notifications, and performance reporting for storage devices.

The following storage plug-ins are available:

- Oracle System Monitoring Plug-in for EMC NS Series NAS
- Oracle System Monitoring Plug-in for NetApp Filer

## Features

The following features are available for these plug-ins:

- Real-time and historical performance monitoring and trending (storage)
- Event management/monitoring (storage)
- Event/alert notifications: notification methods, rules and schedules
- Event/alert history/metric history /metric history (storage)
- User-defined metrics
- Metric snapshots
- Blackouts/planned outages
- Monitoring templates
- Corrective actions (including response actions)
- Performance and event reports
- Repository tables/views that store/expose the above data

To use these features, you must license the System Monitoring Plug-ins for Storage.

## Licensed Links

The list that follows itemizes the links that require licensing of the System Monitoring Plug-Ins for Storage. All of the plug-ins (except host) are available in Grid Control only. You can navigate to these features in several ways. The list that follows assumes that you begin from the main Grid Control Home page.

---

---

**Note:** This section does not include feature links that may contain information derived from adding NetApp Filer instances, but are considered part of the System Monitoring Plug-in for Storage.

---

---

- From the **Host Home page**, select **All Targets**. Click an Agent to display the **Agent Home page**. From the **Add** menu drop-down, the **Network Appliance Filer** selection is a licensed option of the System Monitoring Plug-in for Storage. This also applies to EMC Celerra Server.
- From the command line interface, the `add_target` command (with `type="netapp_filer"`) is licensed as part of this plug-in. This also applies to the EMC Celerra Server.

## Enterprise Manager System Monitoring Plug-Ins for Network Devices

The System Monitoring Plug-ins for Network Devices provide performance and availability data collection, real-time and historical monitoring, event management/monitoring, notifications, and performance reporting for network devices. The following network device plug-ins are available:

- Oracle System Monitoring Plug-in for F5 Load Balancers
- Oracle System Monitoring Plug-in for Check Point Firewall
- Oracle System Monitoring Plug-in for Juniper Netscreen Firewall

## Features

The following features are available for these plug-ins:

- Real-time and historical performance monitoring and trending (network devices)
- Event management/monitoring (network devices)
- Event/alert notifications: notification methods, rules and schedules
- User-defined metrics
- Metric snapshots
- Blackouts/planned outages
- Monitoring templates
- Corrective actions (including response actions)
- Performance and event reports
- Repository tables/views that store/expose the above data

To use these, you must license the System Monitoring Plug-in for Network Devices.



## Licensed Links

The list that follows itemizes the links that require licensing of the System Monitoring for Network Devices plug-ins. The features for the plug-ins are available only in Grid Control mode. You can navigate to these features in several ways. The list that follows assumes that you begin from the main Grid Control Home page.

---

---

**Note:** This section does not include feature links that may contain information derived from adding F5 BIG-IP Server Load Balancers instances, but are considered part of the System Monitoring Plug-in for Network Devices Pack.

---

---

- From the **Host Home page**, select **All Targets**. Click an Agent to display the **Agent Home page**. From the **Add** menu drop-down, the **Load Balancer Switch** selection is a licensed option of the System Monitoring Plug-in for Network Devices. Add other plug-ins as needed. Respective target type names are BIG-IP Local Traffic Manager, Check Point Firewall, and Juniper Netscreen Firewall.
- From the command line interface, the **add\_target** command (with type="slb") is licensed as part of this plug-in. The internal names to be used with the add\_target command are listed below:
  - f5\_bigip\_v9plus\_loadbalancer
  - juniper\_netscreen\_firewall
  - checkpoint\_firewall

## Enterprise Manager System Monitoring Plug-Ins for Non-Oracle Middleware

The Enterprise Manager System Monitoring Plug-ins for Non-Oracle Middleware provide performance and availability data collection, real-time and historical monitoring, event management/monitoring, notifications, and reporting for Non-Oracle Middleware.

The following plug-ins for non-Oracle middleware are available:

- Oracle System Monitoring Plug-in for Microsoft Active Directory
- Oracle System Monitoring Plug-in for Microsoft Internet Information Services
- Oracle System Monitoring Plug-in for Microsoft .NET
- Oracle System Monitoring Plug-in for Microsoft Commerce Server
- Oracle System Monitoring Plug-in for Microsoft BizTalk Server
- Oracle System Monitoring Plug-in for Microsoft Internet Security and Acceleration Server
- Oracle System Monitoring Plug-in for IBM WebSphere
- Oracle System Monitoring Plug-in for WebSphere MQ
- Oracle System Monitoring Plug-in for BEA WebLogic
- Oracle System Monitoring Plug-in for JBoss

## Features

The following features are available for one or more of these plug-ins:

- End-user performance monitoring
- Real-time and historical performance monitoring and trending
- Monitoring of JMX/Web Services end points hosted on the application server
- Event management/monitoring
- Event/alert notifications: notification methods, rules and schedules
- Event/alert history/metric history /metric history
- User-defined metrics
- Metric snapshots
- Blackouts/planned outages
- Monitoring templates
- Corrective actions (including response actions)
- Performance and event reports
- Repository tables and views that store or expose the above data
- Distributed management through groups and systems

To use the features above, you must license the System Monitoring Plug-in for Non-Oracle Middleware.

## Licensed Links

The list that follows itemizes the links that require licensing of the plug-ins. You can navigate to these features in several ways. The list that follows assumes that you begin from the main Grid Control Home page.

---

---

**Note:** This section does not include feature links that may contain information derived from adding non-Oracle Middleware instances to Grid Control, but are considered part of the System Monitoring Plug-in for Non-Oracle Middleware.

---

---

- From the **Grid Control Home page**, navigate to the **Host Home page**, then select the **Targets** tab. Select the **Application Servers** sub-tab. On the **Application Servers page**, the following links on the **Add** drop down menu are licensable features of the System Monitoring Plug-in for Non-Oracle Middleware.
  - **BEA WebLogic Server Domain**
  - **IBM WebSphere Application Server Cell**
  - **IBM WebSphere Application Server**
  - **JBoss Application Server**

Note that Microsoft links cannot be added on this page. You can add the Microsoft links via the Agents page.

- From the **Grid Control Home page**, click the **Setup** link in the upper right corner of the page. On the **Overview of Setup** page, click the **Agents sub-tab**. From the **Agents page**, click an **agent** to display the **Agent Home page**. The following

selections from the **Add** drop-down menu under the Monitored Targets section are licensed features of the System Monitoring Plug-in for Non-Oracle Middleware:

- **IBM Websphere Application Server**
- IBM Websphere MQ Queue Manager
- **BEA Weblogic Managed Server**
- **Microsoft Active Directory**
- **Microsoft Internet Information Services (Microsoft IIS)**
- **Microsoft .NET Framework**
- **Microsoft Commerce Server**
- **Microsoft BizTalk Server**
- **Microsoft Internet Security and Acceleration Server (Microsoft ISA Server)**
- JBoss Application Server
- From the command line interface (CLI), the **add\_target** command (as it relates to adding non-Oracle middleware) is licensed as part of this plug-in. The internal names to be used with the CLI **add\_target** command are listed below:
  - websphere\_j2eeserver
  - wmq (see note below)
  - weblogic\_j2eeserver
  - active\_directory
  - microsoft\_iis
  - microsoft\_dotnet
  - microsoft\_commerceserver
  - microsoft\_biztalk
  - microsoft\_isaserver
  - jboss\_j2eeserver

---

**Note:** For wmq, another jar file is needed after executing the `add_target` command. After adding the target, modify the jar path property from the "Monitoring Configuration link" by appending the following path:

```
/scratch/mqjars/com.ibm.mq.jar
```

Use a colon as a separator between the two jar files if the agent is Linux-based, and a semicolon if the Agent is Windows-based.

---

## Enterprise Manager System Monitoring Plug-Ins for Non-Oracle Databases

The Enterprise Manager System Monitoring Plug-ins for Non-Oracle Databases provide performance and availability data collection, real-time and historical monitoring, event management/monitoring, notifications, and performance reporting for non-Oracle databases. To use the features of the plug-ins, you must license the System Monitoring Plug-ins for Non-Oracle Middleware.

The following plug-ins for non-Oracle databases are available:

- Microsoft SQL Server
- IBM DB2

The list that follows itemizes the links that require licensing of the plug-ins. You can navigate to these features in several ways. The list that follows assumes that you begin from the main Grid Control Home page.

- From the **Grid Control Home page**, click the **Setup** link in the upper right corner of the page. On the **Overview of Setup** page, click the **Agents sub-tab**. From the **Agents page**, click an **agent** to display the **Agent Home page**. The following selections from the **Add** drop-down menu under the Monitored Targets section are licensed features of the System Monitoring Plug-in for Non-Oracle Databases:
  - **Microsoft SQL Server**
  - **IBM DB2 Database**
- From the command line interface, the **add\_target** command is licensed as part of this plug-in. The internal names to be used with the **add\_target** command are listed below:
  - `microsoft_sqlserver_database`
  - `ibm_db2_database`

## Deploying and Managing Management Plug-Ins for Oracle Enterprise Manager

The Management Plug-in page is the central access point for all of the functionality available to you to operate on your Management Plug-ins. Any Management Plug-ins that have been imported into the Management Repository are listed on the Management Plug-Ins page. Certain operations allow you to operate on multiple Management Plug-ins simultaneously (delete and export); some operations only allow you to operate on a single Management Plug-in at a time (deploy and undeploy); and import allows you to add Management Plug-ins to the table on this page. You also can search through the Management Plug-ins in the table using Name and Version as search criteria at the top of the page.

---

---

**Note:** Not all management plug-ins described in this guide are available on the Management Plug-Ins page. Only Management Plug-ins that have been imported into the Management Repository are listed on the page. Use the import function to add Management Plug-ins to the table.

---

---

To deploy a plug-in in the Oracle Enterprise Manager 10g Grid Control Console, use the following procedure.

1. Log in to the Grid Control Console as a super administrator.
2. Click **Setup** in the upper right corner of the page.
3. Click **Management Plug-ins** on the left navigation panel.
4. In the table on this page, find the Management Plug-in you want to deploy, and click the deploy icon in that row.

---

---

## Oracle Enterprise Manager Licensed Management Connectors

Enterprise Manager 10g Release 3 delivers Management Connectors to enable bi-directional integration between Enterprise Manager and other management tools and help desk systems. By seamlessly integrating different tools within the IT environment, organizations can streamline key support processes, consolidate monitoring information in their tool of choice, reduce the total cost of ownership, and perform cross-platform diagnostics and root cause analysis.

### Enterprise Manager Management Connector for Remedy Help Desk

The Enterprise Manager 10g Grid Control Management Connector for Remedy Help Desk provides seamless integration between Enterprise Manager and Remedy, allowing customers to further streamline their support processes and improve operational efficiencies, and facilitate compliance with ITIL Service and Support processes.

The Management Connector for Remedy Service Desk enables administrators to open service requests automatically or manually in response to Enterprise Manager alerts. After the service request has been created, Enterprise Manager automatically keeps track of the request ID and updates the Remedy system every time the alert state changes. Additionally, in-context launch of Enterprise Manager from Remedy and vice versa is supported, thereby improving support workflow and streamlining problem resolution.

The following links require licensing of the connector.

- From the Grid Control Home page, click the **Setup** link in the upper right corner of the page. Click the **Management Connectors** link in the side panel. Configuring the connector by clicking on the **Configure** icon is a licensed feature of the Management Connector for Remedy Help Desk.

### Enterprise Manager Management Connector for Microsoft Operations Manager 2005

Enterprise Manager 10g Grid Control Management Connector for Microsoft Operations Manager (MOM) 2005 enables administrators to forward MOM events to Enterprise Manager, thereby enabling better correlation of IT problems across the technology stack.

The following links require licensing of the connector.

- From the Grid Control Home page, click the **Setup** link in the upper right corner of the page. Click on the **Management Connectors** link in the side panel. Configuring the connector by clicking on the **Configure** icon is a licensed feature of the Management Connector for Microsoft Operations Manager.