Oracle® Enterprise Manager Ops Center

Certified Systems Matrix Guide

12*c* Release 1 (12.1.3.0.0)

E27512-05

March 2013

This guide lists the certified systems for Oracle Enterprise Manager Ops Center.

The following topics are covered in this document:

- Base Operating Systems
- Base Browsers
- Base Databases
- Target Operating Systems
- Target Servers
- Target Non-Server Hardware
- Target Virtualization
- Target Engineered Systems
- Supported Technology

Base Operating Systems

This section describes the supported operating systems for the Enterprise Controller and Proxy Controller.

Enterprise Controller Operating Systems

Table 1, " Enterprise Controller Operating Systems" lists the supported operating systems for the Enterprise Controller.

Table 1 Enterprise Controller Operating Systems

Certification Platform	Version	Minimum Update Level and Comments
Oracle Solaris	-	-
Oracle Solaris SPARC	10	10/08 through 10/12
Oracle Solaris SPARC	11	11.0 through 11.1 Oracle Solaris 11 Express is not supported.
Oracle Solaris SPARC Virtualization	10 local zone	10/08 through 10/12
Oracle Solaris SPARC Virtualization	11 local zone	11.0 through 11.1 Oracle Solaris 11 Express is not supported.

Table 1 (Cont.) Enterprise Controller Operating Systems

Certification Platform	Version	Minimum Update Level and Comments
Oracle Solaris SPARC Virtualization	SPARC OVM	NA
Oracle Solaris x86	10	10/08 through 10/12
Oracle Solaris x86	11	11.0 through 11.1 Oracle Solaris 11 Express is not supported.
Oracle Solaris x86 Virtualization	10 local zone	10/08 through 10/12
Oracle Solaris x86 Virtualization	11 local zone	11.0 through 11.1 Oracle Solaris 11 Express is not supported.
Oracle Solaris x86 Virtualization	x86 OVM	NA
Linux	-	-
Oracle Linux	5.5	Requires Oracle unbreakable Linux kernel
Oracle Linux	5.6	Requires Oracle unbreakable Linux kernel
Oracle Linux	5.7	Oracle unbreakable Linux kernel is included
Oracle Linux	5.8	Oracle unbreakable Linux kernel is included
Oracle Linux	6.2	Oracle unbreakable Linux kernel is included
Oracle Linux	6.3	Oracle unbreakable Linux kernel is included
Red Hat Enterprise Linux	5.5	NA
Red Hat Enterprise Linux	5.6	NA
Red Hat Enterprise Linux	5.7	NA
Red Hat Enterprise Linux	5.8	NA
Red Hat Enterprise Linux	6.2	NA
Red Hat Enterprise Linux	6.3	NA

Proxy Controller Operating Systems

Table 2, " Proxy Controller Operating Systems" lists the supported operating systems for Proxy Controllers.

Table 2 Proxy Controller Operating Systems

Certification Platform	Version	Minimum Update Level and Comments
Oracle Solaris	-	-
Oracle Solaris SPARC	10	11/06 through 10/12
Oracle Solaris SPARC	11	11.0 through 11.1 Oracle Solaris 11 Express is not supported.
Oracle Solaris SPARC Virtualization	11 local zone	11.0 through 11.1 Oracle Solaris 11 Express is not supported.

Table 2 (Cont.) Proxy Controller Operating Systems

Certification Platform	Version	Minimum Update Level and Comments
Oracle Solaris SPARC Virtualization	SPARC OVM	NA
Oracle Solaris x86	10	11/06 through 10/12
Oracle Solaris x86	11	11.0 through 11.1 Oracle Solaris 11 Express is not supported.
Oracle Solaris x86 Virtualization	11 local zone	11.0 through 11.1 Oracle Solaris 11 Express is not supported.
Oracle Solaris x86 Virtualization	x86 OVM	NA
Linux	-	-
Oracle Linux	5.3	NA
Oracle Linux	5.4	NA
Oracle Linux	5.5	Requires Oracle unbreakable Linux kernel
Oracle Linux	5.6	Requires Oracle unbreakable Linux kernel
Oracle Linux	5.7	Oracle unbreakable Linux kernel is included
Oracle Linux	5.8	Oracle unbreakable Linux kernel is included
Oracle Linux	6.2	Oracle unbreakable Linux kernel is included
Oracle Linux	6.3	Oracle unbreakable Linux kernel is included
Red Hat Enterprise Linux	5.0	NA
Red Hat Enterprise Linux	5.2	NA
Red Hat Enterprise Linux	5.3	NA
Red Hat Enterprise Linux	5.4	NA
Red Hat Enterprise Linux	5.5	NA
Red Hat Enterprise Linux	5.6	NA
Red Hat Enterprise Linux	5.7	NA
Red Hat Enterprise Linux	5.8	NA
Red Hat Enterprise Linux	6.2	NA
Red Hat Enterprise Linux	6.3	NA

Base Browsers

Table 3, " Base Browsers" lists the supported browsers for accessing the user interface.

Table 3 Base Browsers

Certification Platform	Version
Firefox	-

Table 3 (Cont.) Base Browsers

Certification Platform	Version
Firefox	3.6
Firefox	10.x
Firefox	11.x
Internet Explorer	-
Internet Explorer	7.x
Internet Explorer	8.x
Internet Explorer	9.x
Chrome	-
Chrome	17.x

Base Databases

Table 4, " Base Databases" lists the supported product databases.

Table 4 Base Databases

Certification Platform	Version	Minimum Update Level	Comments
Oracle Database - Customer-Managed	11gR1	11.1.x - Any patch release	All platforms the database supports are allowed Oracle Real Application Clusters are not supported.
Oracle Database - Customer-Managed	11gR2	11.2.x - Any patch release	All platforms the database supports are allowed Oracle Real Application Clusters are supported.
Oracle Database - Embedded	11gR2	Solaris Sparc 64-bit: 11.2.0.3.0 Solaris x86 64-bit: 11.2.0.3.0 Linux x86: 11.2.0.3.0 Linux x86 64-bit: 11.2.0.3.0	NA

Target Operating Systems

Table 5, " Target Operating Systems" lists the supported target operating systems.

Table 5 Target Operating Systems

Certification Platform	Version	Minimum Update Level and Comments
Oracle Solaris SPARC	-	-
Oracle Solaris SPARC	8	Cannot provision Oracle Solaris 8
Oracle Solaris SPARC	9	No Live Upgrade support
Oracle Solaris SPARC	10	All versions through 10/12

Table 5 (Cont.) Target Operating Systems

Certification Platform	Version	Minimum Update Level and Comments
Oracle Solaris SPARC	11	11.0 through 11.1 The Enterprise Controller and Proxy Controller must be on Oracle Solaris 11 to update, provision, and agent-manage Oracle Solaris 11 assets Oracle Solaris 11 Express is not supported.
Oracle Solaris SPARC Virtualization	10 - Local zone	NA
Oracle Solaris SPARC Virtualization	SPARC OVM	NA
Oracle Solaris x86	-	-
Oracle Solaris x86	9	No Live Upgrade support
Oracle Solaris x86	10	All versions through 10/12
Oracle Solaris x86	11	11.0 through 11.1 The Enterprise Controller and Proxy Controller must be on Oracle Solaris 11 to update, provision, and agent-manage Oracle Solaris 11 assets Oracle Solaris 11 Express is not supported.
Oracle Solaris x86 Virtualization	10 - Local zone	NA
Oracle Solaris x86 Virtualization	x86 OVM	NA
Linux	-	-
Oracle Linux	5.3	NA
Oracle Linux	5.4	NA
Oracle Linux	5.5	NA
Oracle Linux	5.6	NA
Oracle Linux	5.7	NA
Oracle Linux	5.8	NA
Oracle Linux	6.0	NA
Oracle Linux	6.1	NA
Oracle Linux	6.2	NA
Oracle Linux	6.3	NA
Red Hat Enterprise Linux	4.x	NA
Red Hat Enterprise Linux	5.0	NA
Red Hat Enterprise Linux	5.2	NA
Red Hat Enterprise Linux	5.3	NA
Red Hat Enterprise Linux	5.4	NA
Red Hat Enterprise Linux	5.5	NA
Red Hat Enterprise Linux	5.6	NA

Table 5 (Cont.) Target Operating Systems

Certification Platform	Version	Minimum Update Level and Comments
Red Hat Enterprise Linux	5.7	NA
Red Hat Enterprise Linux	5.8	NA
Red Hat Enterprise Linux	6.0	NA
Red Hat Enterprise Linux	6.1	NA
Red Hat Enterprise Linux	6.2	NA
Red Hat Enterprise Linux	6.3	NA
Novell SUSE Linux Enterprise Server (SLES)	9	NA
Novell SUSE Linux Enterprise Server (SLES)	10	NA
Novell SUSE Linux Enterprise Server (SLES)	11	NA
Windows	-	-
Windows	XP	Windows is only supported in agent-less mode. Monitoring is direct. Patching uses MSCCM 2007. Cannot provision Windows.
Windows	2003	Windows is only supported in agent-less mode. Monitoring is direct. Patching uses MSCCM 2007. Cannot provision Windows.
Windows	2008	Windows is only supported in agent-less mode. Monitoring is direct. Patching uses MSCCM 2007. Cannot provision Windows.

Target Servers

This section shows the supported target servers. Oracle Enterprise Manager Ops Center can perform server management tasks on many platforms. All Oracle/Sun servers with ILOM, ALOM, ELOM, XSCF, and RSC enabled service processors are supported. These servers represent the bulk of server equipment (V-series, X-series, T-series, and M-series) available from Oracle. Exceptions are called out in the documentation for specific features should any exist. The recommended firmware is the most recently tested version.

For the Auto Service Request (ASR) feature, Oracle Enterprise Manager Ops Center supports the ILOM and FMA telemetry sources as well as HALRT faults from Exadata systems. Any hardware supported by Oracle Enterprise Manager Ops Center that is listed as supported in the ASR documentation at `http://www.oracle.com/technetwork/systems/asr/documentation/index.html` is supported for ASR through Oracle Enterprise Manager Ops Center using these telemetry sources.

Target Non-Server Hardware

Table 6, " Target Non-Server Hardware" lists the supported target non-server hardware.

For the Auto Service Request (ASR) feature, Oracle Enterprise Manager Ops Center supports the ILOM and FMA telemetry sources as well as HALRT faults from Exadata

systems. Any hardware supported by Oracle Enterprise Manager Ops Center that is listed as supported in the ASR documentation at http://www.oracle.com/technetwork/systems/asr/documentation/index.html is supported for ASR through Oracle Enterprise Manager Ops Center using these telemetry sources.

Table 6 Target Non-Server Hardware

Certification Platform	Version	Minimum Update Level
Open Storage	-	-
Sun Storage	7110	NA
Sun Storage	7310	NA
Sun Storage	7410	NA
Sun ZFS Storage	7120	NA
Sun ZFS Storage	7320	NA
Sun ZFS Storage	7420	NA
Sun ZFS Storage	7720	NA
Network Switches	-	-
Sun Blade 6000 and N6000 – Ethernet Switched NEM 24p	10GbE NEM 24p	NA
Sun Network 10GbE Switch 72p	10GbE Switch 72p	NA
Sun Datacenter Infiniband Switch 36	IB Switch 36	NA
Sun Network QDR InfiniBand Gateway Switch	Gateway Switch	NA
Cisco Catalyst	4948	minimum iOS version: rev 12.2
Sun Rack Units	-	-
Sun Rack II PDUs	NA	NA

Target Virtualization

Table 7, " Target Virtualization" lists the supported target virtualization technologies for control domains.

Table 7 Target Virtualization

Certification Platform	Version	Minimum Update and Comments
Oracle VM Server for SPARC	1.2	Oracle Solaris 10 5/09
Oracle VM Server for SPARC	1.3	Oracle Solaris 10 5/09
Oracle VM Server for SPARC	2.0	Oracle Solaris 10 5/09
Oracle VM Server for SPARC	2.1	Oracle Solaris 10 9/10
Oracle VM Server for SPARC	2.2	Oracle Solaris 10 8/11 or Oracle Solaris 11 SRU 8 or later

Table 7 (Cont.) Target Virtualization

Certification Platform	Version	Minimum Update and Comments
Oracle VM Server for SPARC	3.0	Oracle Solaris 10 8/11 or Oracle Solaris 11.1 SRU 1 or later
Oracle Solaris Containers (Zones)	Oracle Solaris 10	Oracle Solaris 10 8/07
Oracle Solaris Containers (Zones)	Oracle Solaris 11	NA
Oracle Virtual Machine x86	v3.0.x and 3.1.x	NA
Oracle Virtual Machine Guest	NA	See http://www.oracle.com/us/technologies/virtualization/024974.htm for information about OVM Guest support.

Target Engineered Systems

Table 8, " Target Engineered Systems" lists the supported engineered systems.

For the Auto Service Request (ASR) feature, Oracle Enterprise Manager Ops Center supports the ILOM and FMA telemetry sources as well as HALRT faults from Exadata systems. Any hardware supported by Oracle Enterprise Manager Ops Center that is listed as supported in the ASR documentation at `http://www.oracle.com/technetwork/systems/asr/documentation/index.html` is supported for ASR through Oracle Enterprise Manager Ops Center using these telemetry sources.

Table 8 Target Engineered Systems

Certification Platform	Version	Comments
Exalogic Elastic Cloud Software	All versions	Version 2.0.1 supports new rack level system environment and Oracle Enterprise Manager Ops Center virtual datacenter management for rack-level system awareness. All other versions supported at component level.
SPARC SuperCluster	All versions	Version 1.0.1 supports new rack level system environment and Oracle Enterprise Manager Ops Center virtual datacenter management for rack-level system awareness. All other versions supported at component level.
Exadata	All versions	Supported at component level.
Exalytics	All versions	Supported at component level.
Big Data	All versions	Supported at component level.
Oracle Database Appliance	All versions	Supported at component level.

Supported Technology

Table 9, " Technology" lists the supported technology.

Table 9 Technology

Certification Platform	Version	Comments
Grid Control	11.1	Use the Oracle Enterprise Manager Ops Center Plug-In for GC11
Cloud Control	12.1	Use the Oracle Enterprise Manager Ops Center Plug-In for CC12
Microsoft Configuration Manager	SCCM 2007	NA

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E27512-05

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