

Oracle® Enterprise Manager Ops Center

Certified Systems Matrix Guide

12c Release 1 (12.1.4.0.0)

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

The following topics are covered in this document:

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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 | NA | NA |
| Oracle Solaris SPARC | 10 | 10/08 through 1/13 |
| 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 1/13 |
| 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 1/13 |
| 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 1/13 |
| 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 | NA | 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 | 5.5 | 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 | NA | NA |
| Oracle Solaris SPARC | 10 | 11/06 through 1/13 |
| 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 1/13 |
| 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 | NA | NA |
| 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 | NA |

Table 3 (Cont.) Base Browsers

| Certification Platform | Version |
|-------------------------------|----------------|
| Firefox | 3.6 |
| Firefox | 10.x |
| Firefox | 11.x |
| Internet Explorer | NA |
| Internet Explorer | 7.x |
| Internet Explorer | 8.x |
| Internet Explorer | 9.x |
| Chrome | NA |
| 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 | NA | NA |
| Oracle Solaris SPARC | 8 | Cannot provision Oracle Solaris 8 |
| Oracle Solaris SPARC | 9 | No Live Upgrade support |
| Oracle Solaris SPARC | 10 | All versions through 1/13 |

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 | NA | NA |
| Oracle Solaris x86 | 9 | No Live Upgrade support |
| Oracle Solaris x86 | 10 | All versions through 1/13 |
| 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 | NA | NA |
| 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 |
| Oracle Linux | 6.4 | 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 |

Table 5 (Cont.) Target Operating Systems

| Certification Platform | Version | Minimum Update Level and Comments |
|--|----------------|---|
| 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 | 6.0 | NA |
| Red Hat Enterprise Linux | 6.1 | NA |
| Red Hat Enterprise Linux | 6.2 | NA |
| Red Hat Enterprise Linux | 6.3 | NA |
| Red Hat Enterprise Linux | 6.4 | 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 | NA | NA |
| 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 | NA | NA |
| 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 | NA | NA |
| 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 | NA | NA |
| 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 |

Table 7 (Cont.) Target Virtualization

| Certification Platform | Version | Minimum Update and Comments |
|-----------------------------------|--------------------------|--|
| Oracle VM Server for SPARC | 2.2 | Oracle Solaris 10 8/11 or Oracle Solaris 11 SRU 8 or later |
| 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, 3.1.x, and 3.2.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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