

Oracle® Communications Offline Mediation Controller Compatibility Matrix



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Preface

This guide describes the compatibility considerations and software requirements that you should review when installing or upgrading Oracle Communications Offline Mediation Controller.

Documentation Accessibility

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Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

1

Supported Upgrades

Learn about the commonly supported upgrade paths for Oracle Communications Offline Mediation Controller.

[Table 1-1](#) lists the supported upgrade paths for Offline Mediation Controller.

Table 1-1 Offline Mediation Controller Upgrade Path

Product Version	Offline Mediation Controller 12.0	Offline Mediation Controller 12.0 Patch Set 1 and Later Patch Sets
Offline Mediation Controller 6.0	Yes	No
Offline Mediation Controller 6.0 Patch Sets	Yes	No
Offline Mediation Controller 12.0	N/A	Yes

2

Offline Mediation Controller Software Compatibility

Learn about the software that is compatible with Oracle Communications Offline Mediation Controller 12.0 and 12.0 patch sets.

Topics in this document:

- [Operating Systems](#)
- [Web Browsers](#)
- [Additional Offline Mediation Controller Software Requirements](#)

For hardware and information requirements, see "Offline Mediation Controller System Requirements" in *Offline Mediation Controller Installation Guide*.

Operating Systems

[Table 2-1](#) lists the operating systems supported by Offline Mediation Controller.

Table 2-1 Supported Operating Systems for Offline Mediation Controller

Operating System	Version	Notes
Red Hat Enterprise Linux, x86-64 (64-bit)	Red Hat Enterprise Linux (RHEL) 7.2 and higher 7.x updates (with critical patch updates) RHEL 8.4 and higher 8.x updates (with critical patch updates) – Support added in 12.0 Patch Set 5 RHEL 8.5 and higher 8.x updates (with critical patch updates) – Support added in 12.0 Patch Set 6 RHEL 8.6 and higher 8.x updates (with critical patch updates) – Support added in 12.0 Patch Set 8	Important: To protect from security vulnerabilities, ensure you apply the latest critical patch updates. See " About Critical Patch Updates ". Offline Mediation Controller is certified on RHEL 7.2, 8.4, 8.5, and 8.6. Regularly apply the latest patch set for RHEL to ensure that it has the latest security fixes.

Table 2-1 (Cont.) Supported Operating Systems for Offline Mediation Controller

Operating System	Version	Notes
Oracle Linux, x86-64 (64-bit)	Oracle Linux 7.2 and higher 7.x updates (with critical patch updates) Oracle Linux 8.4 and higher 8.x updates (with critical patch updates) – Support added in 12.0 Patch Set 5 Oracle Linux 8.5 and higher 8.x updates (with critical patch updates) – Support added in 12.0 Patch Set 6 Oracle Linux 8.6 and higher 8.x updates (with critical patch updates) – Support added in 12.0 Patch Set 8	Important: To protect from security vulnerabilities, ensure you apply the latest critical patch updates. See " About Critical Patch Updates ". Offline Mediation Controller is certified on Oracle Linux 7.2, 8.4, 8.4, and 8.6. Regularly apply the latest patch set for Oracle Linux to ensure that it has the latest security fixes.
Oracle Solaris for SPARC (64-bit)	11.3 (plus latest patch updates) 11.4 (plus latest patch updates) – Support added in 12.0 Patch Set 6	N/A
Oracle Solaris for x86 (64-bit)	11.3 (plus latest patch updates) 11.4 (plus latest patch updates) – Support added in 12.0 Patch Set 6	N/A
Windows (64-bit)	8.1 10 11	N/A

About Critical Patch Updates

You should install all critical patch updates as soon as possible. To download critical patch updates, find out about security alerts, and enable email notifications about critical patch updates, see "Critical Patch Updates, Security Alerts and Bulletins" on the Oracle website.

Web Browsers

[Table 2-2](#) lists the web browsers that are compatible with Offline Mediation Controller.

Table 2-2 Supported Web Browsers

Web Browser	Version
Mozilla Firefox	54.0.1 and later patch levels – Support added in 12.0 58.0 and later patch levels – Support added in 12.0 Patch Set 1 65.0 and later patch levels – Support added in 12.0 Patch Set 2 78.10 and later patch levels – Support added in 12.0 Patch Set 4 83.0 and later patch levels – Support added in 12.0 Patch Set 5 96.0 and later patch levels – Support added in 12.0 Patch Set 6 99.0 and later patch levels – Support added in 12.0 Patch Set 7 106.0 and later patch levels – Support added in 12.0 Patch Set 8
Microsoft Internet Explorer	Not supported
Microsoft Edge	Default version with operating system
Google Chrome	72.0 and later patch levels – Support added in 12.0 90.0 and later patch levels – Support added in 12.0 Patch Set 4 92.0 and later patch levels – Support added in 12.0 Patch Set 5 97.0 and later patch levels – Support added in 12.0 Patch Set 6 104.0 and later patch levels – Support added in 12.0 Patch Set 8
Apple Safari	12.0 and later patch levels – Support added in 12.0 14.1 and later patch levels – Support added in 12.0 Patch Set 4 15.2 and later patch levels – Support added in 12.0 Patch Set 6 15.4 and later patch levels – Support added in 12.0 Patch Set 7 16.0 and later patch levels – Support added in 12.0 Patch Set 8

Additional Offline Mediation Controller Software Requirements

Table 2-3 lists the software required for running Offline Mediation Controller.

Table 2-3 Required Third-Party Software for Offline Mediation Controller

Product	Version	Notes
Oracle Database 12c Server Enterprise Edition (for single or Oracle Real Application Clusters (RAC) installation)	<p>Oracle 12c Database (Oracle Enterprise 12.2.0 and later patch levels) – Support added in 12.0</p> <p>Oracle 18c Database (Oracle Enterprise 18.1.0 and later patch levels) – Support added in 12.0 Patch Set 1</p> <p>Oracle 19c Database (Oracle Enterprise 19.3.0 and later patch levels) – Support added in 12.0 Patch Set 2</p> <p>Oracle 19c Database (Oracle Enterprise 19.13 and later patch levels) – Support added in 12.0 Patch Set 5</p> <p>Oracle 19c Database (Oracle Enterprise 19.15 and later patch levels) – Support added in 12.0 Patch Set 7</p> <p>Oracle 19c Database (Oracle Enterprise 19.17 and later patch levels) – Support added in 12.0 Patch Set 8</p>	Note: Oracle Database is required only if you use JDBC Distribution Cartridge (DC) to persist data.
Oracle Java Platform, Standard Edition (Java SE)	<p>8 (1.8.0_144) – Support added in 12.0</p> <p>8 (1.8.0_221) – Support added in 12.0 Patch Set 2</p> <p>8 (1.8.0_241) – Support added in 12.0 Patch Set 3</p> <p>8 (1.8.0_291) – Support added in 12.0 Patch Set 4</p> <p>8 (1.8.0_301) – Support added in 12.0 Patch Set 5</p> <p>8 (1.8.0_321) – Support added in 12.0 Patch Set 6</p> <p>8 (1.8.0_341) – Support added in 12.0 Patch Set 7</p> <p>8 (1.8.0_351) – Support added in 12.0 Patch Set 8</p>	N/A
Oracle Unified Directory	<p>11.1.2.3.0 – Support added in 12.0</p> <p>12.2.1.3.0 – Support added in 12.0 Patch Set 1</p> <p>12.2.1.4.0 – Support added in 12.0 Patch Set 3</p>	N/A

Table 2-3 (Cont.) Required Third-Party Software for Offline Mediation Controller

Product	Version	Notes
Oracle Communications Billing and Revenue Management Elastic Charging Engine (ECE)	For Offline Mediation Controller 12.0: <ul style="list-style-type: none"> 11.3 with Patch Set 4 (26420699) For Offline Mediation Controller 12.0 Patch Set 1: <ul style="list-style-type: none"> 11.3 with Patch Set 8 (28133198) 12.0/12.0 Patch Set 1 For later patch sets, the ECE patch set version is the same as the Offline Mediation Controller patch set version.	N/A
Grafana	7.5.6 – Support added in 12.0 Patch Set 4 8.2.1 – Support added in 12.0 Patch Set 5 8.3.5 – Support added in 12.0 Patch Set 6 9.2.4 – Support added in 12.0 Patch Set 8	N/A
Micrometer Registry Prometheus	1.6.6 – Support added in 12.0 Patch Set 4	N/A
Prometheus	2.27.1 – Support added in 12.0 Patch Set 4 2.40.0 – Support added in 12.0 Patch Set 8	N/A
Prometheus Alertmanager	0.21.0 – Support added in 12.0 Patch Set 4 0.24.0 – Support added in 12.0 Patch Set 7	N/A

The Offline Mediation Controller Installer checks for all required software and displays errors if it detects any missing or unavailable components, or if there are any connectivity-related issues.

For BRM Suite compatibility, see "BRM Software Compatibility" in *BRM Compatibility Matrix*.

Third-Party Platforms

You may use Offline Mediation Controller in Amazon Web Services (AWS). You are solely responsible for obtaining a license from Amazon to use any software or materials made available by Amazon.

3

Offline Mediation Controller Cloud Native Deployment Software Compatibility

Learn about the software that is compatible with the Oracle Communications Offline Mediation Controller cloud native deployment package. This package uses Docker, Kubernetes, Helm, and Linux for containerization and orchestration.

▲ Caution:

It is the responsibility of the system administrator to ensure that all installed software dependencies are kept up to date wherever possible. Oracle supports versions of the software where the software vendor declares backward compatibility to the version certified with Offline Mediation Controller and where the upgrade is a minor version increment (that is, A.B.C to A.B.D).

It is particularly important for system administrators to adopt this policy for software dependencies for which upgrades are generally related to security rather than focused on functionality.

The Docker images were validated with the software listed in [Table 3-1](#).

Table 3-1 Supported Software for Offline Mediation Controller Cloud Native Deployment Package

Software	Version	Notes
Docker	For Patch Set 3: <ul style="list-style-type: none">19.03.1 For Patch Set 3 with Interim Patch 32078710: <ul style="list-style-type: none">19.03.x	Use any container runtime supported by Open Container Initiative (OCI) that is compliant with Kubernetes versions.

Table 3-1 (Cont.) Supported Software for Offline Mediation Controller Cloud Native Deployment Package

Software	Version	Notes
Kubernetes	For Patch Set 3: <ul style="list-style-type: none"> • 1.14.8 For Patch Set 3 with Interim Patch 32078710: <ul style="list-style-type: none"> • 1.16.x • 1.17.x For Patch Set 4: <ul style="list-style-type: none"> • 1.18.x • 1.19.x For Patch Set 5: <ul style="list-style-type: none"> • 1.20.x For Patch Set 6: <ul style="list-style-type: none"> • 1.21.x For Patch Set 7: <ul style="list-style-type: none"> • 1.23.x, where x is 4 or higher For Patch Set 8: <ul style="list-style-type: none"> • 1.24.x, where x is 6 or higher 	N/A
Helm	For Patch Set 3: <ul style="list-style-type: none"> • 3.0.1 For Patch Set 3 with Interim Patch 31857207: <ul style="list-style-type: none"> • 3.2.x For Patch Set 4: <ul style="list-style-type: none"> • 3.3.x • 3.5.x For Patch Set 5: <ul style="list-style-type: none"> • 3.6.x For Patch Set 8: <ul style="list-style-type: none"> • 3.10.x, where x is 3 or higher 	N/A
Flannel	For Patch Set 3: <ul style="list-style-type: none"> • 0.10.0-1 For Patch Set 4: <ul style="list-style-type: none"> • 0.13.0 	N/A
Fluentd	For Patch Set 3: <ul style="list-style-type: none"> • 1.8 For Patch Set 4: <ul style="list-style-type: none"> • 1.12.3 or higher For Patch Set 7: <ul style="list-style-type: none"> • 1.14.6 or higher 	N/A

Table 3-1 (Cont.) Supported Software for Offline Mediation Controller Cloud Native Deployment Package

Software	Version	Notes
Grafana	For Patch Set 4: <ul style="list-style-type: none"> 7.5.6 For Patch Set 5: <ul style="list-style-type: none"> 8.2.2 or higher For Patch Set 6: <ul style="list-style-type: none"> 8.3.5 or higher For Patch Set 8: <ul style="list-style-type: none"> 9.2.4 or higher 	N/A
Oracle Linux	For Patch Set 2: <ul style="list-style-type: none"> 7.4+ For Patch Set 3: <ul style="list-style-type: none"> 7.6+ 8.3+ For Patch Set 5: <ul style="list-style-type: none"> 8.4+ For Patch Set 6: <ul style="list-style-type: none"> 8.5+ For Patch Set 8: <ul style="list-style-type: none"> 8.6+ 	Change in the Oracle Linux version is due to the dependency on Kubernetes
Prometheus	For Patch Set 4: <ul style="list-style-type: none"> 2.27.1 For Patch Set 8: <ul style="list-style-type: none"> 2.40.0 	N/A
Prometheus Alertmanager	For Patch Set 4: <ul style="list-style-type: none"> 0.21.0 For Patch Set 7: <ul style="list-style-type: none"> 0.24.0 	N/A
Prometheus Operator	For Patch Set 4: <ul style="list-style-type: none"> 0.47.1 For Patch Set 6: <ul style="list-style-type: none"> 0.54.0 For Patch Set 8: <ul style="list-style-type: none"> 0.60.1 	N/A

Table 3-1 (Cont.) Supported Software for Offline Mediation Controller Cloud Native Deployment Package

Software	Version	Notes
Oracle Linux Cloud Native Environment (OLCNE)	For Patch Set 4: <ul style="list-style-type: none"> • 1.2 For Patch Set 5: <ul style="list-style-type: none"> • 1.3.1 For Patch Set 6: <ul style="list-style-type: none"> • 1.4 For Patch Set 8: <ul style="list-style-type: none"> • 1.5 	The cloud native deployment model was certified with the following, using the same version numbers as supported by the respective versions of OLCNE: <ul style="list-style-type: none"> • Kubernetes • Helm • Oracle Linux Server • GlusterFS

Third-Party Platforms

- You may use Offline Mediation Controller cloud native in a RedHat OpenShift environment. You are solely responsible for obtaining a license from RedHat to use any software or materials made available by RedHat.
- You may use Offline Mediation Controller cloud native in Amazon Web Services (AWS). You are solely responsible for obtaining a license from Amazon to use any software or materials made available by Amazon.