

Oracle® Communications Offline Mediation Controller

Release Notes



Release 15.0
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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.

ORACLE®

Oracle Communications Offline Mediation Controller Release Notes, Release 15.0

F86417-02

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Preface

This guide includes information about the Oracle Communications Offline Mediation Controller 15.0 release.

Audience

This guide is intended for all Oracle Communications Offline Mediation Controller users.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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

Summary of Customer-Reported Fixes

Learn about the customer-reported bugs that were fixed in Oracle Communications Offline Mediation Controller 15.0.

[Table 1-1](#) lists the customer-reported issues that were resolved in Offline Mediation Controller 15.0.1.

Table 1-1 Customer-Reported Fixes in Offline Mediation Controller 15.0.1

Bug Number	Description
32021530	When sending the same CDR file, ECE responded with a Duplicate Request but Offline Mediation Controller responded with Success . This has been fixed.
35433506	With disaster recovery enabled, logs were generated in the ECE DC cartridge even after the node was stopped. This has been fixed.
35609408	In case of a User Identity not Found error, the status Requests Rejected was not shown. This has been fixed.
35921430	In case of an Invalid Data or a Usage Request Rejection error, the ECE DC cartridge was creating two suspense records instead of one. This has been fixed.

2

New Features in Offline Mediation Controller

Learn about the new features in Oracle Communications Offline Mediation Controller 15.0.

Topics in this chapter include:

- [New Features in Offline Mediation Controller 15.0.1](#)
- [New Features in Offline Mediation Controller 15.0.0](#)

New Features in Offline Mediation Controller 15.0.1

Offline Mediation Controller 15.0.1 includes the following enhancements:

- [Support Added for TLS 1.3](#)
- [Support and Certification 15.0.1](#)
- [Secure RADIUS Client Configuration](#)
- [Changes to Offline Mediation Controller REST Services Manager](#)

Support Added for TLS 1.3

Offline Mediation Controller now supports TLS 1.3, which is faster and more secure than TLS 1.2. TLS handshakes in TLS 1.3 require only one round trip instead of the usual two, shortening the process by a few milliseconds. In cases where you have already connected to a website, the handshake will have zero round trips, making HTTPS connections faster. It also cuts down latency and improves your overall experience.

Your existing KeyStore certificates may have used the default DSA algorithm, which is no longer supported by TLS 1.3. Therefore, you must regenerate any KeyStore certificates from previous versions of Offline Mediation Controller.

See the following links for information on how to enable TLS 1.3 support for Offline Mediation Controller:

- For Offline Mediation Controller cloud native, see "Enabling TLS 1.3 Support in Offline Mediation Controller (Release 15.0.1 or later)"
- For Offline Mediation Controller on-premises, see "Enabling TLS 1.3 Support in Offline Mediation Controller (Release 15.0.1 or later)"

Support and Certification 15.0.1

Offline Mediation Controller now supports the following software:

- Oracle Linux, x86-64 (64-bit) 8.9
- Red Hat Enterprise Linux, x86-64 (64-bit) 8.9
- Oracle Database Server Enterprise Edition 19.21
- Oracle Java Platform Standard Edition (Java SE) 8 (1.8.0_401)

Secure RADIUS Client Configuration

For RADIUS EI Nodes, client configuration (hostnames and secrets) was previously stored together in a configuration file named **ipsecrets.cfg**. The new model enhances security by separating this information:

- Hostnames remain in a file now named **iphosts.cfg**.
- Secrets are moved automatically to a secure wallet solution.

Note:

If you created RADIUS CC nodes before upgrading to release 15.0.1, you need to re-save the node configuration to ensure secrets are migrated to the wallet and removed from the **ipsecrets.cfg** file.

Changes to Offline Mediation Controller REST Services Manager

The following endpoints have been removed from the Offline Mediation Controller REST API:

- GET /nodes/{id}/startNode (Start a Node)
- GET /nodes/{id}/stopNode (Stop a Node)

New Features in Offline Mediation Controller 15.0.0

Offline Mediation Controller 15.0.0 includes the following enhancements:

- [Support and Certification](#)
- [Offline Mediation Controller REST Services Manager](#)
- [Cloud Native Enablement for Offline Mediation Controller REST Services Manager](#)

Support and Certification

Offline Mediation Controller now supports the following software:

- Oracle Linux, x86-64 (64-bit) 8.7
- Red Hat Enterprise Linux, x86-64 (64-bit) 8.7
- Windows (64 bit) 8.1, 10, and 11
- Oracle Database Server Enterprise Edition 19.20
- Helidon 1.4.13
- Oracle Unified Directory 12.2.1.4.0
- Oracle Java Platform Standard Edition (Java SE) 8 (1.8.0_381)

See *Offline Mediation Controller Installation Guide* for information on other software support.

Offline Mediation Controller REST Services Manager

You can now integrate Offline Mediation Controller with external client applications using the new Offline Mediation Controller REST Services Manager. The REST Services Manager allows you to perform the same operations as the NMSHELL application. For example, you can use it to do the following:

- Manage Nodes
- Manage Node Managers
- Retrieve a list of node chains
- Compile and save the NPL rules file
- Export node configurations and customizations

See [REST API Reference for Offline Mediation Controller](#) for more information on REST Services Manager.

Cloud Native Enablement for Offline Mediation Controller REST Services Manager

Offline Mediation Controller cloud native now supports Offline Mediation Controller REST Services Manager. You can deploy both CORE Offline Mediation Controller and the new REST Services Manager using a consolidated **values.yaml** file and unified Helm chart.

See "About Offline Mediation Controller REST Services Manager" in *Offline Mediation Controller Cloud Native Installation and Administration Guide* for more information.

3

Known Problems

There are no known problems to report.