Oracle® Communications Offline Mediation Controller

Release Notes



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About This Content

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

Audience

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

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New Features in Offline Mediation Controller

Learn about the new features in Oracle Communications Offline Mediation Controller 16.26.0.

Offline Mediation Controller 16.26.0 includes the following enhancements:

- Tabular View of Node Chains in the Offline Mediation Controller Web-Based UI
- Performance Statistics in the Offline Mediation Controller Web-Based UI
- Alarm Management in the Offline Mediation Controller Web-Based UI
- Model Context Protocol Support in REST Services Manager

Tabular View of Node Chains in the Offline Mediation Controller Web-Based UI

The Node Manager Details page now provides a drawer with separate Nodes and Routes list views alongside the topology diagram. Users can search and sort both lists, making it easier to work with large node-chain topologies.

The Nodes list supports node selection synchronized with the diagram and provides the available node actions. Searching the list highlights matching nodes in the diagram. The Routes list displays route source, type, and destination information and provides the available route actions.

Performance Statistics in the Offline Mediation Controller Web-Based UI

The Offline Mediation Controller web-based UI provides performance statistics for cartridges. Operator and Guest users can monitor the number of CDRs processed by each cartridge over a specified time interval.

The UI displays the number of processed CDRs, current and total NAR counts, current and average processing rates and the time interval represented by the statistics.

Alarm Management in the Offline Mediation Controller Web-Based UI

The Offline Mediation Controller web-based UI includes a My Alarms page for monitoring and managing alarms. The page displays alarms in a table that supports searching, filtering, sorting, and incremental loading as you scroll. You can bookmark the URL to save an applied search or filter.

The table displays up to 500 alarms. If more alarms match the current search or filter criteria, the UI prompts you to refine the criteria. You can select and resize columns and refresh the alarm list to retrieve the latest alarm data.

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You can clear individual alarms or multiple selected alarms. The alarm details page provides Overview and Logs tabs. For alarms sourced from nodes, it also provides Rules and Mediation Overview tabs.

Model Context Protocol Support in REST Services Manager

Offline Mediation Controller supports the Model Context Protocol (MCP) in REST Services Manager (RSM). Users can configure MCP-compatible AI assistants to discover exposed RSM REST API endpoints and obtain additional details in follow-up queries.

MCP-compatible clients can discover and invoke supported RSM management operations for node managers, nodes, routing, alarms, imports, logs, Network Accounting Record (NAR) files, performance information, customization and NPL.

Access to supported read and write operations follows the existing RSM authorization model. MCP is disabled by default and can be enabled in supported deployments.

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Known Problems

Learn about known problems in Oracle Communications Offline Mediation Controller and the appropriate workarounds.

Topics in this document:

- Test Node Chain Fails with “TestId is Invalid” and No Output Records in the UI

Test Node Chain Fails with “TestId is Invalid” and No Output Records in the UI

When you start a test node chain from the Offline Mediation Controller UI, the subsequent request to fetch test events can fail with HTTP 404 and the following error:

```
{"code":"404","reason":"TestId is Invalid"}
```

In the UI, you might also see:

```
Connection error - Failed to establish connection
```

This occurs when the ECE DC node’s success and duplicate directories are not present in the Node Manager pod. These directories are not created automatically.

Workaround: Manually create the success and duplicate directories under the Elastic Charging Engine (ECE) Distribution Cartridge (DC) node’s configured output path in the Node Manager Pod and ensure they have appropriate read and write permissions. In the Offline Mediation Controller UI, enable **Log success records** in the ECE DC node’s Advanced Settings tab so output records appear in the UI. Restart the test node chain and reload the input file.

For more information on how to enable Log success records, see *Offline Mediation Controller Web UI Help*.

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