

Oracle® Communications Session Monitor

Release Notes

Release 3.3.92

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Preface

This document includes information about this release of the Oracle Communications Session Monitor product family.

The Session Monitor product family includes the following products:

- Operations Monitor
- Enterprise Operations Monitor
- Fraud Monitor
- Control Plane Monitor

Audience

This document is intended for all Session Monitor product family 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.

Downloading Oracle Communications Documentation

Oracle Communications Session Monitor documentation and additional Oracle documentation is available from the Oracle Help Center Web site:

- <http://docs.oracle.com>

Related Documents

For more information, see the following documents in the Session Monitor documentation set:

- *Oracle Communications Operations Monitor User's Guide*: Describes how to use Operations Monitor and Enterprise Operations Monitor to monitor, detect, and

troubleshoot IP Multimedia Subsystem (IMS), Voice over Long-Term Evolution (VoLTE), and next-generation network (NGN) networks.

- *Oracle Communications Fraud Monitor User's Guide*: Describes how to install, configure, and use Fraud Monitor.
- *Oracle Communications Session Monitor Mediation Engine Connector User's Guide*: Describes how to configure and use Mediation Engine Connector.
- *Oracle Communications Session Monitor Developer's Guide*: Describes how to extend the Session Monitor product family by using the Oracle Communications Session Monitor SAU Extension.
- *Oracle Communications Session Monitor Security Guide*: Provides guidelines and recommendations for establishing a secure configuration and implementing security measures for the Session Monitor product family.

Release Notes

This document provides release notes for Oracle Communications Session Monitor release 3.3.92.

New Features

Oracle Communications Session Monitor 3.3.92 includes new features, enhancements, and changed functionality including:

- [SNMPv3 Support](#)
- [Voice Quality from Session Border Controller \(SBC\)](#)
- [Advanced Filtering of Recent Calls](#)

SNMPv3 Support

Session Monitor utilizes SNMP to integrate with other monitoring systems. SNMPv3 is supported in this release. SNMPv2 will continue to be supported.

Voice Quality from Session Border Controller (SBC)

SBCs now send interim media QoS messages during a call. The data is arranged and displayed in 10 second intervals. SBC voice quality reports now achieve parity with the Oracle Communications Operations Monitor (OCOM) probe which also displays QoS data at 10 second intervals.

Advanced Filtering of Recent Calls

You can create advanced filters to filter recent calls based on multiple criteria. You can save advanced filters after creation.

See "Advanced Filtering" in *Oracle Communications Session Monitor User's Guide*.

Fixes in This Release

[Table 1-1](#) lists the service request (SR) issues reported, bug number, and provides a brief description of the resolution.

Table 1–1 Fixes in This Release

Service Request (SR) Number	Bug Number	Description
Not applicable	22151561	TCP traffic from SBC probes requires TCP quick push setting to be enabled.
Not applicable	22338356	SNMP traps for prefix tags KPI based alerts does not work.
Not applicable	22480582	Platform Setup Application complains about missing DNS config when using NTP server IP address.
Not applicable	22503035 22503061 22503095	User permissions for managing prefix tags and realm/snmp.
Not applicable	22503426	Packet Inspector source and destination columns are not properly sorted.
Not applicable	22503161	MEC user is unable to change its password when user permissions are too low.
Not applicable	22628017	Megaco legs are over correlated if the MGC uses the same transaction IDs for different MGs.
Not applicable	22671565	Change kernel script.
Not applicable	22200020 22332991	Improve the handling of concurrent trace runs.
Not applicable	Not applicable	Added <i>setup_delay</i> attribute to CSV GUI exports.

Known Problems

This section describes known problems and workarounds for release 3.3.92.

Setting Mediation Engine Connector Values

After you upgrade to 3.3.92.0.0, set the Mediation Engine Connector value for *proxy_socket_timeout* (configurable in */etc/iptego/masterweb.conf*) to a value higher than the *Timeout for Mediation Engine querying* setting on the Mediation Engine. For example, 35 and 30 seconds, respectively. If the Mediation Engine takes up to 30 seconds to query its neighbors and compile the results, the Mediation Engine Connector will not drop the connection prematurely. Please refer to My Oracle Support for further assistance on setting these values.

Upgrading

This section describes workarounds for problems you may encounter when upgrading to release 3.3.90:

- Upgrading from previous installations might take longer than expected.
- Some parts of data migration runs in the background after an upgrade is applied.

Upgrading from Release 3.3.80 to 3.3.90

- The procedure for setting a connection between Session Monitor probes and Mediation Engine has changed.

To retain the connections between your Session Monitor probes and Mediation Engine after an upgrade, do one the following:

- If you are using standalone Session Monitor probes:
 - a. After the upgrade, manually repeat the setup to connect your Session Monitor probes and Mediation Engine. For more information, see "Mediation Engine Connection List" in *Session Monitor Installation Guide*.
 - b. Download and add the trusted certificates to Mediation Engine. For more information, see "Configuring Encrypted Communication" in *Session Monitor Installation Guide*.

Note: By default, Mediation Engine rejects unencrypted connections.

- If you are using SBC probes, do one of the following:
 - * If you require secure connections between SBC probes and Mediation Engine, download and add the trusted certificates to Mediation Engine. For more information, see "Configuring Encrypted Communication" in *Session Monitor Installation Guide*.
 - * If you require unsecured connections between SBC probes and Mediation Engine, select the **Accept insecure connections from remote probes** check box in the **Trusted Certificate** page of Platform Setup Application.
- The IPv6 protocol is supported and the default capturing filters have been modified. If you experience any capturing issues after an upgrade, review the new default filters and settings in the **Media Protocols** and **Signaling Protocols** pages in Platform Setup Application and make changes where applicable.

Upgrading from Release 3.3.70 to 3.3.90

- The configuration to capture traffic has changed. Review the filters and settings in the **Media Protocols** page in Platform Setup Application and make changes where applicable.
- By default the IPFIX connection between SBC probes and Operations Monitor machines enforces secure communication. Check your configuration in the **Trusted Certificate** page in Platform Setup Application and on your SBC probes.

Upgrading from Release 3.3.60 to 3.3.90

- The **RTP recording data retention** system setting has been removed. The data retention of RTP recordings can be configured in the **Data Retention** page in Platform Setup Application.

Upgrading from Release 3.3.40 to 3.3.90

- You cannot directly upgrade from a release older than 3.3.50. If you are using a 3.3.40 version, upgrade to a 3.3.50 version and then upgrade to release 3.3.90.
- For security reasons, the user interface is available only over HTTPS. In some situations, after the upgrade is successfully completed the upgrade dialog will continue to show the running progress bar.

If the upgrade progress bar does not disappear after 30 minutes of starting the upgrade, refresh the browser window.

Upgrading from Release 3.0 to 3.3.90

- You cannot directly upgrade from a release older than 3.3.50. If you are using a 3.0 version, upgrade to a 3.3.50 version and then upgrade to release 3.3.90.
- The storing of data changed. All call and registration history will be ignored when you upgrade from release 3.0 to a later version.
- When upgrading from a 3.1.X or 3.2.X version, it is possible that within a few hours after the upgrade the performance of the system will be lower and some calls may be lost.