Oracle® Communications Operations Monitor

Licensing Information User Manual

Release 4.4.0

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ORACLE®

Contents

Introduction

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Licensing Information

Product	Sub product	Licensing Information
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor – 100 Concurrent Calls Perpetual	Operations Monitor is a real-time, service monitoring, end to end troubleshooting, and analytics solution that provides unprecedented insight into Voice over IP (VoIP) and unified communications (UC) networks. **Prerequisites:** None **Inclusions:** The following features/capabilities are included part of this license: **Dashboard** - The Dashboard is a flexible entry page. It allows you to view the information most important to you at a glance. **Alerts** – Alerts page utilizes the notification system to warn you of important events called alerts. You can prioritize alerts and configure them to trigger certain actions. The Alerts page displays all alerts that have been raised. **Traces** - The Traces page allows you to capture, store and download packet traces of the SIP traffic. **Packet Inspector** – The Packet Inspector page allows users to capture, store and download packet traces of any OSI layer 2 through layer 7 traffic. **KPI/Metrics** - The KPI / Metrics page provides standards of measurement by which efficiency, performance, progress or quality of the platform are assessed. **Calls** - The Calls page is the central repository for call analysis in Operations Monitor. You can analyze call information traversing the platform in real-time or historically. This data can be inspected as a high- level overview of all active calls, or a single call and its messages in detail. **Registrations** - The Registrations page allows you to examine the registration events detected on the monitored platform. **User Devices** – Operations Monitor provides statistics for user agents (user devices) registered on the monitored platform. These statistics are based on the User- Agent header of the 'REGISTER' request. **Trunks** - The Trunks page presents an overview of the status of all configured trunks on the monitored platform. **Devices** - The Devices page shows not only an overview of all configured platform devices, but it also aggregates information about each individual platform device. **User Tracking** - The User Tracking page aggregates information for each user of the monitored platform and displays the history of the user's registrations and the calls. **IP Tracking** - The IP Tracking page aggregates information about a single IP address. It displays all users registered with the given IP address, and provides links to the User Tracking page for each user. **Link Quality** – The Link Quality page provides the ability to ping a public IP of a subscriber or ping the IP of a proxy. **Included Products:** • MySQL Enterprise Edition

Product	Sub product	Licensing Information
		Restrictions:
		My SQL Enterprise Edition is included for use with Oracle Enterprise Operations Monitor. Use of MySQL Enterprise Edition is restricted to use with Oracle Enterprise Operations Monitor.
		In addition, Oracle Communications Operations Monitor license allows the use of the following infrastructure/framework components: Probe, and Mediation Engine.
		Exclusions:
		Unless explicitly licensed, the following Oracle Communications Session Monitor products or extensions are not part of the Oracle Communications Operations Monitor license:
		• Oracle Communications Fraud Monitor and associated extensions
		• Oracle Communications Control Plane Monitor and associated extensions
		• Oracle Communications Operations Monitor Extensions
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, Standard Edition - 100 Concurrent Calls Perpetual	Operations Monitor is a real-time, service monitoring, end to end troubleshooting, and analytics solution that provides unprecedented insight into Voice over IP (VoIP) and unified communications (UC) networks.
		Prerequisites:
		None
		Inclusions:
		The following features/capabilities are included part of this license:
		Dashboard - The Dashboard is a flexible entry page. It allows you to view the information most important to you at a glance.
		Alerts – Alerts page utilizes the notification system to warn you of important events called alerts. You can prioritize alerts and configure them to trigger certain actions. The Alerts page displays all alerts that have been raised
		Traces - The Traces page allows you to capture, store and download packet traces of the SIP traffic.
		Packet Inspector – The Packet Inspector page allows users to capture, store and download packet traces of any OSI layer 2 through layer 7 traffic.
		KPI/Metrics - The KPI / Metrics page provides standards of measurement by which efficiency, performance, progress or quality of the platform are assessed.
		Calls - The Calls page is the central repository for call analysis in Operations Monitor. You can analyze call information traversing the platform in real-time or historically. This data can be inspected as a high-level overview of all active calls, or a single call and its messages in detail
		Registrations - The Registrations page allows you to examine the registration events detected on the monitored platform.
		User Devices – Operations Monitor provides statistics for user agents (user devices) registered on the monitored platform.
		These statistics are based on the User- Agent header of the
		'REGISTER' request.

Product	Sub product	Licensing Information
		Trunks - The Trunks page presents an overview of the status of all configured trunks on the monitored platform.
		Devices -The Devices page shows not only an overview of all configured platform devices, but it also aggregates information about each individual platform device.
		User Tracking - The User Tracking page aggregates information for each user of the monitored platform and displays the history of the user's registrations and the calls.
		IP Tracking - The IP Tracking page aggregates information about a single IP address. It displays all users registered with the given IP address, and provides links to the User Tracking page for each user.
		Link Quality – The Link Quality page provides the ability to ping a public IP of a subscriber or ping the IP of a proxy.
		Voice Quality - Voice Quality page allows you to analyze the transmission effects of the network on the voice quality as perceived by the users of the VoIP platform.
		Included Products:
		MySQL Enterprise Edition
		Oracle Communications Operations Monitor, Media Quality
		Extension - 100 Concurrent Calls Perpetual
		Restrictions:
		My SQL Enterprise Edition is included for use with Oracle Communications Operations Monitor. Use of MySQL Enterprise Edition is restricted to use with Oracle Communications Operations
		Monitor.
		In addition, Oracle Communications Operations Monitor license allows the use of the following infrastructure/framework components: SBC Probe, and Mediation Engine. This does not allow the use of standalone probe.
		• Will only be available for platforms not currently subject to EOL (VNF, 4600, 6100, 6300, 6350, and 3900 when available in SP)
		• Will only be available on SBC & SR (not CSM/USM)
		Exclusions:
		Unless explicitly licensed, the following Oracle Communications Session Monitor products or extensions are not part of the Oracle Communications Operations Monitor license:
		Oracle Communications Fraud Monitor and associated extensions.
		Oracle Communications Control Plane Monitor and associated extensions.
		Oracle Communications Operations Monitor Extensions.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, Media Quality Extension - 100 Concurrent Calls Perpetual	This extension provides various capabilities to monitor and troubleshoot quality of service in VoIP networks.
		Prerequisites:
		Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor.
		Inclusions:

Product	Sub product	Licensing Information
		Only the following features/capabilities are included part of this license: **Voice Quality** - Voice Quality page allows you to analyze the transmission effects of the network on the voice quality as perceived by the users of the VoIP platform.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, Applications Support Extension - 100 Concurrent Calls Perpetual	This extension provides scripting capability for unique customer requirements. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor. **Inclusions:** Only the following features/capabilities are included part of this license: **Applications** - Applications page allows you to extend the reporting capability. You can upload an app to customize the queries and report information provided by Oracle Communications Operations Monitor.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, REST API Extension - 100 Concurrent Calls Perpetual	This extension provides the ability to programmatically extract information from another software system via RESTful technologies. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor. **Inclusions:** Only the following features/capabilities are included part of this license: **REST API –** An API based on RESTful technologies for machine-to-machine interaction.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, CDR Generation Extension - 100 Concurrent Calls Perpetual	This extension provides accounting records in the form of Call Detail Records (CDR). This is typically used for billing purposes. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor. **Inclusions:** Only the following features/capabilities are included part of this license: **CDR –** A set of call details available in a structured form for another program to consume call information for billing or other types of analysis.

Product	Sub product	Licensing Information
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, Gateway Controls Protocols Extension - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for Gateway control protocols. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, Diameter Protocol Extension - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for Diameter (Cx interface only) control protocols. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor. **Exclusions:** Note this extension does not include any of the diameter interfaces supported in Oracle Communications Control Plane Monitor.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, ENUM Protocol Extension - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for ENUM control protocols. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, SIGTRAN Protocol Extension - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for SIGTRAN control protocols. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor.
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, Mediation Engine Connector Extension - 100 Concurrent Calls Perpetual	This extension provides aggregated views across multiple mediation engines for an end-to-end view in a multi-region/datacenter deployment. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor.

Product	Sub product	Licensing Information
Oracle Communications Operations Monitor	Oracle Communications Operations Monitor, Extension for Skype for Business - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for Skype for Business call flows. **Prerequisites:** Oracle Communications Operations Monitor. The quantity of licenses purchased must match the quantity purchased for Oracle Communications Operations Monitor.

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 * * Thread-safe: NO
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Review of configobj.py itself (https://pypi.org/project/configobj/#files)

confirmed required for 3rd party package - six:

six is a 3rd party utility outside of the Python Standard Library

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Written by: Philip Hazel

Email local part: ph10

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Stack-less Just-In-Time compiler

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Author: Sanjay Ghemawat

Support for PCRE_XXX modifiers added by Giuseppe Maxia, July 2005

===================== PCREPOSIX.C =======================================

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***/

/* PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

Written by Philip Hazel

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gunicorn.logging_config

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doc/sitemap_gen.py

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util/unlink.py

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backport frop python3 Lib/test/support.py

gunicorn/selectors.py

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