

Oracle® Communications
Enterprise Operations Monitor

Licensing Information User Manual

Release 4.0

E89203-01

November 2017

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Introduction

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Licensing Information

Product	Sub product	Licensing Description
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor – 100 Concurrent Calls Perpetual	<p>Enterprise Operations Monitor is a real-time, end to end service monitoring, troubleshooting, and analytics solution that provides unprecedented insight into Voice over IP (VoIP) and unified communications (UC) networks.</p> <p>Prerequisites:</p> <p>None</p> <p>Inclusions:</p> <p>The following features/capabilities are included part of this license:</p> <p>Dashboard - The Dashboard is a flexible entry page. It allows you to view the information most important to you at a glance.</p> <p>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.</p> <p>Traces - The Traces page allows you to capture, store and download packet traces of the SIP traffic.</p> <p>Packet Inspector – The Packet Inspector page allows users to capture, store and download packet traces of any OSI layer 2 through layer 7 traffic.</p> <p>KPI/Metrics - The KPI / Metrics page provides standards of measurement by which efficiency, performance, progress or quality of the platform are assessed.</p> <p>Calls - The Calls page is the central repository for call analysis in Enterprise 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.</p> <p>Registrations - The Registrations page allows you to examine the registration events detected on the monitored platform.</p> <p>User Devices – Enterprise Operations Monitor provides statistics for user agents (user devices) registered on the monitored platform.</p> <p>These statistics are based on the User- Agent header of the 'REGISTER' request.</p> <p>Trunks - The Trunks page presents an overview of the status of all configured trunks on the monitored platform.</p> <p>Devices - The Devices page shows not only an overview of all configured platform devices, but it also aggregates information about each individual platform device.</p> <p>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.</p> <p>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.</p> <p>Link Quality – The Link Quality page provides the ability to ping a public IP of a subscriber or ping the IP of a proxy.</p>

Product	Sub product	Licensing Description
		<p>Media / Voice Quality – The 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. These details are also available on a call-by-call basis.</p> <p>Included Products:</p> <ul style="list-style-type: none"> MySQL Enterprise Edition <p>Restrictions:</p> <p>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.</p> <p>In addition, Oracle Enterprise Operations Monitor license allows the use of the following infrastructure/framework components: Probe, and Mediation Engine.</p> <p>Exclusions:</p> <p>Unless explicitly licensed, the following Oracle Communications Session Monitor products or extensions are not part of the Oracle Enterprise Operations Monitor license:</p> <ul style="list-style-type: none"> Oracle Communications Fraud Monitor and associated extensions Oracle Communications Control Plane Monitor and associated extensions Oracle Communications Operations Monitor and associated Extensions
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Application Support Extension - 100 Concurrent Calls Perpetual	<p>This extension provides scripting capability for unique customer requirements.</p> <p>Prerequisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses purchased must match the amount purchased for Oracle Enterprise Operations Monitor.</p> <p>Inclusions:</p> <p>Only the following features/capabilities are included part of this license:</p> <p>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 Enterprise Operations Monitor.</p>
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, REST API Extension - 100 Concurrent Calls Perpetual	<p>This extension provides the ability to programmatically extract information from another software system via RESTful technologies.</p> <p>Prerequisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses purchased must match the amount purchased for Oracle Enterprise Operations Monitor.</p> <p>Inclusions:</p> <p>Only the following features/capabilities are included part of this license:</p> <p>REST API – An API based on RESTful technologies for machine-to-machine interaction.</p>

Product	Sub product	Licensing Description
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, CDR Generation Extension - 100 Concurrent Calls Perpetual	<p>This extension provides accounting records in the form of Call Detail Records (CDR). This is typically used for accounting purposes.</p> <p>Prerequisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses purchased must match the quantity purchased for Oracle Enterprise Operations Monitor.</p> <p>Inclusions:</p> <p>Only the following features/capabilities are included part of this license:</p> <p>CDR – A set of call details available in a structured form for another program to consume call information for accounting or other types of analysis.</p>
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Gateway Controls Protocols Extension - 100 Concurrent Calls Perpetual	<p>This extension provides monitoring and troubleshooting capabilities for gateway control protocols.</p> <p>Prerequisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses purchased must match the amount purchased for Oracle Enterprise Operations Monitor.</p>
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, ENUM Protocol Extension - 100 Concurrent Calls Perpetual	<p>This extension provides monitoring and troubleshooting capabilities for ENUM protocol.</p> <p>Prerequisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses purchased must match the amount purchased for Oracle Enterprise Operations Monitor.</p>
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Mediation Engine Connector Extension - 100 Concurrent Calls Perpetual	<p>This extension provides aggregated views across multiple mediation engines for an end-to-end view in a multi-region/datacenter deployment.</p> <p>Prerequisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses purchased must match the amount purchased for Oracle Enterprise Operations Monitor.</p>
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Extension for Skype for Business - 100 Concurrent Calls Perpetual	<p>This extension provides monitoring and troubleshooting capabilities for Skype for Business call flows.</p> <p>Pre-requisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses purchased must match the amount purchased for Oracle Enterprise Operations Monitor.</p>

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Apache	py-bcrypt 3.1.1	Password hashing for software and servers	<p>Apache License Version 2.0, January 2004</p> <p>http://www.apache.org/licenses/</p> <p>For a copy of the license, see Apache License, Version 2.0.</p>
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Ben Bangert, Mike Bayer, Philip Jenvey	python-beaker 1.9.0	Beaker is a web session and general caching library that includes WSGI middleware for use in web applications	<p>Copyright (c) 2006, 2007 Ben Bangert, Mike Bayer, Philip Jenvey and contributors.</p> <p>All rights reserved.</p> <p>For a copy of the license, see python-beaker License.</p>
Benoît Chesneau	python-gunicorn 18.0-2	A Python WSGI HTTP Server for UNIX	<p>2009-2017 (c) Benoît Chesneau</p> <p>2009-2015 (c) Paul J. Davis</p> <p>For a copy of the license, see python-gunicorn License.</p>
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Brandon Nielsen	Python-aniso8601 1.2.0	A library for parsing ISO 8601 strings	<p>Copyright (c) 2016, Brandon Nielsen</p> <p>All rights reserved.</p> <p>For a copy of the license, see python-aniso8601 License.</p>

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BSD-3-Clause	Markupsafe 0.23	Implements a XML/HTML/XHTML Markup safe string for Python	For a copy of the license, see BSD-3-Clause License .
Communications and Remote Sensing Laboratory	OpenJPEG 2.1	OpenJPEG library is an open-source JPEG 2000 codec that is developed to promote the use of JPEG 2000	Copyright (c) 2002-2007, Communications and Remote Sensing Laboratory, Université catholique de Louvain (UCL), Belgium Copyright (c) 2002-2007, Professor Benoit Macq Copyright (c) 2001-2003, David Janssens Copyright (c) 2002-2003, Yannick Verschuere Copyright (c) 2003-2007, Francois-Olivier Devaux and Antonin Descampe Copyright (c) 2005, Herve Drolon, FreeImage Team All rights reserved. For a copy of the license, see OpenJPEG License .
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Dmitry Baranovskiy	Raphael 1.4.7	A library for rendering SVG graphics in a browser	Copyright (c) 2010 Dmitry Baranovskiy For a copy of license, see The MIT License .
Eli Bendersky	pycparser 2.17	Parses C code into an AST and can serve as a front-end for C compilers or analysis	Copyright (c) 2008-2017, Eli Bendersky All rights reserved. For a copy of the license, see pycparser License .
Eric Haszlakiewicz	json-c 0.11	Construct JSON objects in C	Copyright (c) 2009-2012 Eric Haszlakiewicz Copyright (c) 2004, 2005 Metaparadigm Pte. Ltd. Michael Clark michael@metaparadigm.com Copyright (c) 2013 Metaparadigm Pte. Ltd. Copyright (c) 2009 Hewlett-Packard Development Company, L.P. Copyright (c) 2008-2009 Yahoo! Inc. All rights reserved. Copyright (c) 2009-2012 Hewlett-Packard Development Company, L.P. For a copy of the license, see Json-c License .
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Free Software Foundation	pciutils 3.5.1	Obtain the list of installed network cards	<p>GNU LESSER GENERAL PUBLIC LICENSE Version 2, June 1991</p>

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Google	gperftools 2.4-8	The gperftools library is mainly used for its tcmalloc heap manager	Copyright (C) 2000-2008 Julian Seward. All rights reserved. For a copy of the license, see Gperftools License . Copyright (c) 2005, Google Inc. All rights reserved. For a copy of the license, see Google Protocol Buffers License .
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Gustavo Narea	repoze.who-friendlyform 1.0.8	Create web forms that redirect and interact with the library Repoze.who	Author: Agendaless Consulting <repoze-dev@lists.repoze.org> Files: * Copyright: Copyright © 2007 Agendaless Consulting and Contributors For a copy of the license, see Repoze License .
Ian Bicking	paste 1.7.5.1	Tools for using a Web Server Gateway Interface stack	Copyright (c) 2006-2007 Ian Bicking and Contributors For a copy of the license, see The MIT License .

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Ilya Etingof	PySMI 0.0.7	A pure-Python implementation of SNMP/SMI MIB parsing and conversion library	Copyright (c) 2015-2016 Ilya Etingof <ilya@glas.net> All rights reserved. For a copy of the license, see PySMI License .
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Version 3, 29 June 2007

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hash.c

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hash.c: chained hash tables

Reference: Your favorite introductory book on algorithms

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list.c

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list.c: lists handling implementation

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trio.c, triop.h, triostr.c, triostr.h

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triostr.h, trionan.c, trionan.h

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trio.h

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