

Oracle® Enterprise Operations Monitor

Licensing Information User Manual

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Product	Sub product	Licensing Information
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor Basic Edition – 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>Non-call traffic - The subscriptions page allows you to monitor non-call traffic (Presence events) such as Subscribe, Notify, Publish</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>

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		<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 with Fraud Protection – 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</p>

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		<p>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>Non-call traffic - The subscriptions page allows you to monitor non-call traffic (Presence events) such as Subscribe, Notify, Publish</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> <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 • Oracle Communications Fraud Monitor <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 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	<p>This extension provides scripting capability for unique customer requirements.</p> <p>Prerequisites:</p> <p>Oracle Enterprise Operations Monitor. The number of licenses</p>

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	Concurrent Calls Perpetual	<p>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>
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>

Product	Sub product	Licensing Information
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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Author: Sanjay Ghemawat

Support for PCRE_XXX modifiers added by Giuseppe Maxia, July 2005

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

```

/*****

```

```

* Perl-Compatible Regular Expressions *

```

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Written by Philip Hazel

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Dependencies:

1. Jemalloc - Free BSD
2. hiredis - BSD
3. linenoise - BSD 2-Clause
4. lua 5.1 - MIT License
5. hdr_histogram - BSD 2-Clause

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5.hdr_histogram

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```

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doc/sitemap_gen.py

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util/unlink.py

backport froppython3 Lib/test/support.py

unicorn/selectors.py

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RNG2Schtrn.xsl:

Stylesheet for extracting Schematron information from a RELAX-NG schema.
Based on the stylesheet for extracting Schematron information from
W3C XML Schema.
Created by Eddie Robertsson 2002/06/01
2009/12/10 hj: changed Schematron namespace to ISO URI (Holger Joukl)

XSD2Schtrn.xsl:

based on an original transform by Eddie Robertsson
2001/04/21 fn: added support for included schemas
2001/06/27 er: changed XMI Schema prefix from xsd: to xs: and
changed to the Rec namespace
2009/12/10 hj: changed Schematron namespace to ISO URI (Holger Joukl)

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```
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```

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*

*/

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""macmartinized"" polygon code copyright 1992 by Eric Haines, erich@eye.com

For the server\util_md5.c component:

/*-----*

* NCSA HTTPd Server

* Software Development Group

* National Center for Supercomputing Applications

* University of Illinois at Urbana-Champaign

* 605 E. Springfield, Champaign, IL 61820

* httpd@ncsa.uiuc.edu

*

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*

* md5.c: NCSA HTTPd code which uses the md5c.c RSA Code

*

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```
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```

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```
*/
```

```
/*
```

```
* The apr_md5_encode() routine uses much code obtained from the FreeBSD 3.0
```

```
* MD5 crypt() function, which is licenced as follows:
```

```
* -----
```

```
* "THE BEER-WARE LICENSE" (Revision 42):
```

```
* <phk@login.dknet.dk> wrote this file. As long as you retain this notice you
```

```
* can do whatever you want with this stuff. If we meet some day, and you think
```

```
* this stuff is worth it, you can buy me a beer in return. Poul-Henning Kamp
```

```
* -----
```

```
*/
```

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For the test\zb.c component:

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 =====

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

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1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable

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```
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Chai - v4.2.0

<https://github.com/chaijs/chai>

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expression-eval - v2.0.0

<https://github.com/donmccurdy/expression-eval>

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jsep - v0.3.4

<https://github.com/soney/jsep>

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Knockout Fast Foreach v0.6.0 (2016-07-28T11:02:54.197Z)

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petit-dom - v0.2.2

<https://github.com/yelouafi/petit-dom>

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webcomponents/custom-elements - v1.1.2

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proj4js - v2.5.0

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require-css - v0.1.10

<https://github.com/guybedford/require-css>

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Hammer.JS - v2.0.8 - 2016-04-22

<http://hammerjs.github.io/>

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Normalize.scss

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RequireJS i18n 2.0.2

<http://github.com/requirejs/i18n> for details

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jsTree 1.0-rc3 <http://jstree.com/>

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select2.js

<https://github.com/select2/select2>

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ES6-Promise

<https://github.com/stefanpenner/es6-promise>

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jQuery UI - v1.12.1 - 2015-03-18

<http://jqueryui.com>

Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js

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jQuery JavaScript Library v3.5.1

<http://jquery.com/>

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JS Signals <<http://millermedeiros.github.com/js-signals/>>

Author: Miller Medeiros

Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)

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RequireJS text 2.0.15

<http://github.com/requirejs/text>

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RequireJS 2.3.6

<http://github.com/jrburke/requirejs>

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Knockout JavaScript library v3.5.1

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<http://knockoutjs.com/>

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