

Oracle® Communications
Enterprise Operations Monitor

Licensing Information User Manual

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Product	Sub product	Licensing Information
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor with Fraud Protection – 100 Concurrent Calls Perpetual	This license provides the capability to monitor and troubleshoot VoIP and UC networks. Fraud monitoring functionality which helps detect and prevent telephony fraud is included as part of this license. In addition, this license also allows the use of the following infrastructure/framework components: Probe, Mediation Engine and Aggregation Engine. Prerequisites: None Inclusions: The following features/capabilities are included as 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 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. Registrations - The Registrations page allows you to examine the registration events detected on the monitored platform. User Devices – Enterprise 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.

		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. Fraud Detection - A flexible entry page. It allows you to view the information most important to you at a glance. Rules – Allows you to create specific rules and thresholds to detect fraudulent and nefarious activities. API – API can be used to send policy updates to Oracle's Session Delivery Manager (SDM) which in turn can push these policy updates to Oracle Communications Session Border Controllers. The API for policy updates is only allowed for integration with SDM, not for any third party solutions or systems. Blacklist – Based on rules and scoring thresholds numbers can be added to a blacklist, importing of blacklists is supported as well Included Products: • MySQL Enterprise Edition Restrictions: MySQL 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.
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Product	Sub product	Licensing Information
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Basic Edition - 100 Concurrent Calls Perpetual	The Oracle Enterprise 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. 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 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. Registrations - The Registrations page allows you to examine the registration events detected on the monitored platform. User Devices – Enterprise 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. 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. Prerequisites: None Inclusions: The following features/capabilities are included as part of this license: Included Products: MySQL Enterprise Edition

		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. • Oracle Enterprise Operations Monitor, Basic Edition license allows the use of the following infrastructure/framework components: probes, and Mediation Engine. • This license restricts the maximum number of probes used to 5 and can only be used with a single mediation engine. • This license is meant to be used in customer deployments where the number of concurrent calls monitored is less than 1,000.
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Application Support Extension - 100 Concurrent Calls Perpetual	This extension provides scripting capability for unique customer requirements. Prerequisites: • Oracle Enterprise Operations Monitor with Fraud Protection Or • Oracle Enterprise Operations Monitor, Basic Edition This license requires an equal number of EOM Basic or EOM with Fraud protection licenses Inclusions: Only the following features/capabilities are included as 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 Enterprise Operations Monitor.
Oracle Enterprise Operations Monitor	Oracle Enterprise 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 Enterprise Operations Monitor with Fraud Protection Or • Oracle Enterprise Operations Monitor, Basic Edition This license requires an equal number of EOM Basic or EOM with Fraud protection licenses Inclusions: Only the following features/capabilities are included as part of this license: REST API – An API based on RESTful technologies for machine-to-machine interaction.

Oracle Enterprise Operations Monitor	Oracle Enterprise 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 accounting purposes. Prerequisites: • Oracle Enterprise Operations Monitor with Fraud Protection Or • Oracle Enterprise Operations Monitor, Basic Edition This license requires an equal number of EOM Basic or EOM with Fraud protection licenses Inclusions: Only the following features/capabilities are included as part of this license: 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.
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Gateway Controls Protocols Extension - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for gateway control protocols. Prerequisites: • Oracle Enterprise Operations Monitor with Fraud Protection Or • Oracle Enterprise Operations Monitor, Basic Edition This license requires an equal number of EOM Basic or EOM with Fraud protection licenses
Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, ENUM Protocol Extension - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for ENUM protocol. Prerequisites: • Oracle Enterprise Operations Monitor with Fraud Protection Or • Oracle Enterprise Operations Monitor, Basic Edition This license requires an equal number of EOM Basic or EOM with Fraud protection licenses.
Oracle Enterprise Operations Monitor	Oracle Enterprise 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 Enterprise Operations Monitor with Fraud Protection This license requires an equal number of EOM with Fraud protection licenses.

Oracle Enterprise Operations Monitor	Oracle Enterprise Operations Monitor, Extension for Skype for Business - 100 Concurrent Calls Perpetual	This extension provides monitoring and troubleshooting capabilities for Skype for Business call flows. Pre-requisites: • Oracle Enterprise Operations Monitor with Fraud Protection Or • Oracle Enterprise Operations Monitor, Basic Edition This license requires an equal number of EOM Basic or EOM with Fraud protection licenses.
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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Version 3, 29 June 2007

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You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

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Version 3, 29 June 2007

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Finally, every program is threatened constantly by software patents.

States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the corresponding Source. This alternative is allowed only occasionally and noncommercial, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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