

Oracle® Communications

**Oracle Enterprise Session Border Controller License
Document E-Cz7.5.0**

Program Documentation – License Document

July 2017

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Licensing Information

- Description of Product Editions and Permitted Features
- Prerequisite Products
- Entitled Products and Restricted Use Licenses

Oracle Enterprise Session Border Controller – Licensing Notes

Product	Sub product	Licensing Description
Oracle Enterprise Session Border Controller	Oracle Enterprise Session Border Controller (base fee) – Integrated Software Option – Per Server Metric	Product Editions and Permitted Features This license (available on a per server basis) provides access to Acme Packet OS and basic node management functions such as CLI, FTP and SNMP. The following features are available with the base license. ACP - Allows Oracle Enterprise SBC system to respond to external ACP requests (required for EMS). SIP – Enables all SIP functionality on the Oracle Enterprise SBC. H.323 - Enables H.323 functionality (response to/forward H.323 signaling messages and set up H.323 sessions based on system configuration). Allows configuration of H.323-related configuration objects. HA - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object. IDS – Allows configuration of traps sent when endpoints are demoted to “denied” status. Allows configuration of syslog messages to be recorded when endpoints are demoted to “denied” status. Enables dynamic demotion of endpoints based upon CAC (call admission control) failures. IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide. National Emergency Services (NSEP/RPH) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures. SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard. Software SRTP: Enables SRTP (SDS) (Media Encryption). Prerequisites: Requires Acme Packet 3900 hardware Software TLS: Enables SIP Signaling Encryption. Prerequisites: Requires Acme Packet 3900 hardware Prerequisite Products Requires Acme Packet 3900/4500/4600/6300 hardware Entitled Products and Restricted Use Licenses N/A
	Oracle Enterprise Session Border Controller, SMB Edition (base fee) - Integrated Software Option - per Server Metric	Product Editions and Permitted Features This license (available on a per server basis) provides access to Acme Packet OS and basic node management functions such as CLI, FTP and SNMP. The following features are available with the base license. ACP - Allows Oracle Enterprise SBC system to respond to external ACP requests (required for EMS). SIP – Enables all SIP functionality on the Oracle Enterprise SBC, i H.323 - Enables H.323 functionality (response to/forward H.323 signaling messages and set up H.323 sessions based on system configuration). Allows configuration of H.323-related configuration objects. HA - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object. IDS – Allows configuration of traps sent when endpoints are demoted to “denied” status. Allows configuration of syslog messages to be recorded when endpoints are demoted to “denied” status. Enables dynamic demotion of endpoints based upon CAC (call admission control) failures. IDS Advanced – This feature adds the ability to track total number of

		rejected SIP calls system-wide. National Emergency Services (NSEP/RPH) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures. SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard. Software SRTP: Enables SRTP (SDS) (Media Encryption). Software TLS: Enables SIP Signaling Encryption. Pre-requisite Products Requires Acme Packet 1100 hardware Entitled Products and Restricted Use Licenses N/A
Session Capacity Based Licenses		
	Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 Concurrent Sessions Metric	Product Editions and Permitted Features Determines the maximum number of sessions allowed by Oracle Enterprise SBC (session capacity) for all protocols combined (SIP, H.323). Pre-requisite Products - Requires Oracle Enterprise Session Border Controller (base fee) – Integrated Software Option – Per Server Metric License for Acme Packet 3900/4500/4600/6300 hardware - OR - Requires Oracle Enterprise Session Border Controller, SMB Edition (base fee) - Integrated Software Option - per Server Metric License for Acme Packet 1100 hardware Entitled Products and Restricted Use Licenses N/A
	Oracle Enterprise Session Border Controller, Advanced Features – Integrated Software Option – Per 5 Concurrent Sessions Metric	Product Editions and Permitted Features Includes the following features: Accounting: Allows Oracle Enterprise SBC to create call accounting records using either Radius, or by collecting the information in flat files that can stored locally or pushed via FTP to an external server. Routing: Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This feature group includes access to configuration elements such as cost, start and end times, days of week, media profiles, carrier element and - ENUM Database support - LRT (Local route table) support Load Balancing: Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements. Quality of Service: Enables collection and reporting of QoS data (lost packets, jitter, and latency) for session media. Prerequisites: Requires QoS capable module on Acme Packet 1100/3900/4500/4600/6300 platforms. IWF Protocol: Enables Signaling Interworking (such as response to/forward SIP-H.323 signaling messages and set up SIP-H.323 sessions based on system configuration). Allows configuration of IWF-related configuration objects. IPv4-IPv6 Interworking: Enables IPv4-IPv6 interworking for

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	Oracle Enterprise Session Border Controller – 50 Network Wide Concurrent Sessions Perpetual	Product Editions and Permitted Features Determines the maximum number of sessions allowed by Oracle Enterprise SBC (session capacity) for all protocols combined (SIP, H.323). This license also provides access to Acme Packet OS and basic node management functions such as CLI, FTP and SNMP. The following features are available with this license. ACP - Allows Oracle Enterprise SBC system to respond to external ACP requests (required for EMS). SIP – Enables all SIP functionality on the Oracle Enterprise SBC, H.323 - Enables H.323 functionality (response to/forward H.323 signaling messages and set up H.323 sessions based on system configuration). Allows configuration of H.323-related configuration objects. HA - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object. IDS – Allows configuration of traps sent when endpoints are demoted to “denied” status. Allows configuration of syslog messages to be recorded when endpoints are demoted to “denied” status. Enables dynamic demotion of endpoints based upon CAC (call admission control) failures. IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide. National Emergency Services (NSEP/RPH) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures. SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard. Advanced DoS/DDoS: Enables protection for denial of service attacks and distributed denial of service attacks. Software SRTP: Enables SRTP (SDS) (Media Encryption). Software TLS: Enables SIP Signaling Encryption.

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	Oracle Enterprise Session Border Controller Advanced – 50 Network Wide Concurrent Sessions Perpetual	Product Editions and Permitted Features Includes the following features: Accounting: Allows Oracle Enterprise SBC to create call accounting records using either Radius, or by collecting the information in flat files that can stored locally or pushed via FTP to an external server. Routing: Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This feature group includes access to configuration elements such as cost, start and end times, days of week, media profiles, carrier element and - ENUM Database support - LRT (Local route table) support Load Balancing: Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements. Quality of Service: Enables collection and reporting of QoS data (lost packets, jitter, and latency) for session media. IWF Protocol: Enables Signaling Interworking (such as response to/forward SIP-H.323 signaling messages and set up SIP-H.323 sessions based on system configuration). Allows configuration of IWF-related configuration objects. Fraud Protection: Enables the ability to whitelist, blacklist, rate limit, re-direct and terminate calls on the network. IPv4-IPv6 Interworking: Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present. Pre-requisite Products - Requires Oracle Enterprise Session Border Controller - 50 Network Wide Concurrent Sessions Perpetual License This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
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	Oracle Enterprise Border Controller, Data Integrity - Integrated Software Option – Per 5 Concurrent Sessions Metric	Product Editions and Permitted Features Includes the following features: FIPS: Strengthens the privacy provided by the E-SBC's cryptographic module to the levels required by the FIPS 140-2 Standards. Also provides FIPS opacity shield and tamper evidence for AP1100 and AP3900 hardware Pre-requisite Products - Requires Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 or 25 Concurrent Sessions Metric License - Requires Acme Packet 1100/3900 hardware This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity. Entitled Products and Restricted Use Licenses N/A
	Oracle Enterprise Border Controller, Administrative Security - Integrated Software Option – Per 5 Concurrent Sessions Metric	Product Editions and Permitted Features Includes the following features: Admin Security: Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users. Admin Sec-Shell: This is an optional feature which enables shell access and it is a separate license key which is provided if and only if Administrative Security license key is purchased Pre-requisite Products Requires Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 or 25 Concurrent Sessions Metric License This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity. Entitled Products and Restricted Use Licenses N/A
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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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.

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- 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.
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Version 3, 29 June 2007

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