

Oracle® Communications

**Oracle Enterprise Session Border Controller License
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Program Documentation – License Document

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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	<p>Product Editions and Permitted Features</p> <p>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.</p> <p>ACP - Allows Oracle Enterprise SBC system to respond to external ACP requests (required for EMS).</p> <p>SIP – Enables all SIP functionality on the Oracle Enterprise SBC.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p>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.</p> <p>SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard.</p> <p>Advanced DoS/DDoS: Enables protection for denial of service attacks and distributed denial of service attacks.</p> <p>Prerequisites: Requires Acme Packet 3820 hardware</p> <p>Software TLS: Enables SIP Signaling Encryption.</p> <p>Prerequisites: Requires Acme Packet 3820 hardware</p> <p>Prerequisite Products Requires Acme Packet 3820/4500/4600/6300 hardware</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Enterprise Session Border Controller, SMB Edition (base fee) - Integrated Software Option - per Server Metric	<p>Product Editions and Permitted Features</p> <p>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.</p> <p>ACP - Allows Oracle Enterprise SBC system to respond to external ACP requests (required for EMS).</p> <p>SIP – Enables all SIP functionality on the Oracle Enterprise SBC, including IMS P-CSCF functionality.</p> <p>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.</p> <p>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.</p> <p>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.</p>

		<p>Enables dynamic demotion of endpoints based upon CAC (call admission control) failures.</p> <p>IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p>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.</p> <p>SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard.</p> <p>Software SRTP: Enables SRTP (SDES) (Media Encryption).</p> <p>Software TLS: Enables SIP Signaling Encryption.</p> <p>Pre-requisite Products Requires Acme Packet 1100 hardware</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Oracle Enterprise Session Border Controller (base fee) - Server Perpetual</p>	<p>Product Editions and Permitted Features</p> <p>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.</p> <p>ACP - Allows Oracle Enterprise SBC system to respond to external ACP requests (required for EMS).</p> <p>SIP – Enables all SIP functionality on the Oracle Enterprise SBC, including IMS P-CSCF functionality.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p>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.</p> <p>SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard.</p> <p>Advanced DoS/DDoS: Enables protection for denial of service attacks and distributed denial of service attacks.</p> <p>Software SRTP: Enables SRTP (SDES) (Media Encryption).</p> <p>Software TLS: Enables SIP Signaling Encryption.</p> <p>Pre-requisite Products Requires Virtual Machine Edition (VME)</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
<p>Session Capacity Based Licenses</p>		
	<p>Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 Concurrent</p>	<p>Product Editions and Permitted Features</p> <p>Determines the maximum number of sessions allowed by Oracle Enterprise SBC (session capacity) for all protocols combined (SIP, H.323).</p>

	Sessions Metric	<p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Oracle Enterprise Session Border Controller (base fee) – Integrated Software Option – Per Server Metric License for Acme Packet 3820/4500/4600/6300 hardware OR Requires Oracle Enterprise Session Border Controller, SMB Edition (base fee) - Integrated Software Option - per Server Metric License for Acme Packet 1100 hardware <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Enterprise Session Border Controller, Advanced Features – Integrated Software Option – Per 5 Concurrent Sessions Metric	<p>Product Editions and Permitted Features Includes the following features:</p> <p>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.</p> <p>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</p> <ul style="list-style-type: none"> ENUM Database support LRT (Local route table) support <p>Load Balancing: Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>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 3820/4500/4600/6300 platforms.</p> <p>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.</p> <p>IPv4-IPv6 Interworking: Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present. Exceptions: Not available on Acme Packet 1100</p> <p>Fraud Protection: Enables the ability to whitelist, blacklist, rate limit, re-direct and terminate calls on the network.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 or 25 Concurrent Sessions Metric <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Enterprise Session Border Controller - 25 Concurrent Sessions Perpetual	<p>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).</p>

		<p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Oracle Enterprise Session Border Controller (base fee) - Server Perpetual License <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Oracle Enterprise Session Border Controller Advanced - 25 Concurrent Sessions Perpetual</p>	<p>Product Editions and Permitted Features Includes the following features:</p> <p>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.</p> <p>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</p> <ul style="list-style-type: none"> ENUM Database support LRT (Local route table) support <p>Load Balancing: Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>Quality of Service: Enables collection and reporting of QoS data (lost packets, jitter, and latency) for session media.</p> <p>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.</p> <p>Fraud Protection: Enables the ability to whitelist, blacklist, rate limit, re-direct and terminate calls on the network.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Oracle Enterprise Session Border Controller - 25 Concurrent Sessions Perpetual License <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Oracle Enterprise Border Controller, Government Security Certification - Integrated Software Option – Per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 or 25 Concurrent Sessions Metric License <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>

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	<p>Transcoding coder/decoder for Acme Packet 3820, AMR-NB - Integrated Software Option - per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products Requires Acme Packet 3820 platform with transcoding hardware</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for Acme Packet 3820, AMR-WB (G.722.2) - Integrated Software Option - per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-WB codec.</p> <p>Pre-requisite Products Requires Acme Packet 3820 platform with transcoding hardware</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for Acme Packet 4500, AMR-NB - Integrated Software Option - per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products Requires Acme Packet 4500 platform with transcoding hardware</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for Acme Packet 4500, AMR-WB (G.722.2) - Integrated Software Option - per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-WB codec.</p> <p>Pre-requisite Products Requires Acme Packet 4500 platform with transcoding hardware</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, AMR-NB - Integrated Software Option – per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Requires Acme Packet 4600/6300 platform with transcoding hardware OR • Acme Packet 1100 platform with transcoding module <p>Entitled Products and Restricted Use Licenses N/A</p>

	<p>Transcoding coder/decoder for transcoding module 2, AMR-WB (G.722.2) - Integrated Software Option – per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-WB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Acme Packet 4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, EVRC - Integrated Software Option – per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from EVRC codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Acme Packet 4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, EVRCB - Integrated Software Option – per 25 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from EVRC-B codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Acme Packet 4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, Opus - Integrated Software Option – per Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from Opus codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Acme Packet 4600/6300 platform with transcoding hardware <p>Entitled Products and Restricted Use Licenses N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, SILK - Integrated Software Option – per Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features Required in order to enable support for transcoding to and from SILK codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Acme Packet 4600/6300 platform with transcoding hardware <p>Entitled Products and Restricted Use Licenses N/A</p>

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Commercial software used in Oracle Communications Subscriber-Aware Load Balancer SCZ7.2.10 is identified in the following table with the following license notes, restrictions, and disclaimers. Certain third-party commercial software may include other fourth-party components, as noted below.

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EmbedThis	PCRE (4 th party of Embedthis)	Perl Regular Expressions. Portions of the Perl Regular Expression Library (pcre) are used. These are covered by the PCRE license. [PCRE license is listed separately below]
	SQLITE (4 th party of Embedthis)	<p>SQLite. The SQLite library is included as an optional component of the Licensed Software. It is covered by the SQLite license:</p> <p>The source code for SQLite is in the public domain. No claim of copyright is made on any part of the core source code. (The documentation and test code is a different matter - some sections of documentation and test logic are governed by open-source licenses.) All contributors to the SQLite core software have signed affidavits specifically disavowing any copyright interest in the code. This means that anybody is able to legally do anything they want with the SQLite source code.</p> <p>Some plugins have other licenses.</p> <p>Contributors have provided other portions of the software that are covered by the Embedthis Contributor license that grants Embedthis sufficient rights to execute this license Agreement.</p>

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```

```
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