Oracle Enterprise Session Border Controller – E-Cz8.1.0

Program Documentation – License Document June 2018

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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 the redundancy configuration object. IDS - Allows configuration 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 SITP (SDES) (Media Encryption). Prerequisites: Requires Acme Packet 3900 hardware Prerequisites: Requires Acme Packet 3900 hardware Prerequisites: Requires Acme Packet 3900 hardware Settimer 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) comparison is the actuarty infortune of the security of the secur
	(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 (SDES) (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 C	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

	1
Oracle Enterprise Session Border Controller, Advanced Features – Integrated	Product Editions and Permitted Features Includes the following features:
Software Option – Per 5 Concurrent Sessions Metric	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. <i>Prerequisites</i> : 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 signaling and media; pure IPv6 functionality works without the license being present. Exceptions : Not available on Acme Packet 1100/3900
	MGCP: Enables all MGCP functionality on the Oracle Enterprise SBC. Prerequisites: Requires QoS capable module on Acme Packet 4500 platforms.
	H248: Enables all H248 functionality on the Oracle Enterprise SBC <i>Prerequisites</i> : Requires QoS capable module on Acme Packet 4500 platforms.
	IPSEC: Enables secure IP communications by authencation and encrypting the IP communication session on Enterprise SBC <i>Prerequisites</i> : Requires QoS capable module on Acme Packet 4600/6300 platforms.
	Fraud Protection: Enables the ability to whitelist, blacklist, rate limit, re-direct and terminate calls on the network.
	 Pre-requisite Products Requires Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 or 25 Concurrent Sessions Metric
	This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.
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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 checkpointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object. IDS - 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 (SDES) (Media Encryption). Software TLS: Enables SIP Signaling Encryption.
	Pre-requisite Products N/A
	Entitled Products and Restricted Use Licenses N/A

Oracle Enterprise Session Border Controller Advanced – 50 Network Wide	Product Editions and Permitted Features Includes the following features:
– 50 Network Wide Concurrent Sessions Perpetual	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
Oracle Enterprise Border Controller, Government	Product Editions and Permitted Features Includes the following features:
Security Certification - Integrated Software Option – Per 25 Concurrent Sessions Metric	Admin Security: Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.
EOL Aug 31, 2017	 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.
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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, AP3900, AP4600 and AP6300 hardware Pre-requisite Products Requires Oracle Enterprise Session Border Controller – Integrated Software Option – Per 5 or 25 Concurrent Sessions Metric License Requires Acme Packet 1100/3900/4600/6300 hardware This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.
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Codec Licenses			
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Transcoding coder/decoder G.729 and G.729 A - 25 Concurrent Sessions Perpetual	Product Editions and Permitted Features Required in order to enable support for transcoding to and from G.729 codec. Pre-requisite Products Requires Virtual Machine Edition (VME) Entitled Products and Restricted Use Licenses N/A
Transcoding coder/decoder for Acme Packet 4500, AMR-NB - Integrated Software Option - per 25 Concurrent Sessions Metric	Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-NB codec. Pre-requisite Products Requires Acme Packet 4500 platform with transcoding hardware Entitled Products and Restricted Use Licenses N/A
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Transcoding coder/decoder for transcoding module 2, AMR-NB - Integrated Software Option – per 25 Concurrent Sessions Metric	 Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-NB codec. Pre-requisite Products Requires Acme Packet 3900/4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module Entitled Products and Restricted Use Licenses N/A
Transcoding coder/decoder for transcoding module 2, AMR-WB (G.722.2) - Integrated Software Option – per 25 Concurrent Sessions Metric	Product Editions and Permitted Features Required in order to enable support for transcoding to and from AMR-WB codec. Pre-requisite Products • Requires Acme Packet 3900/4600/6300 platform with transcoding hardware OR • Acme Packet 1100 platform with transcoding module Entitled Products and Restricted Use Licenses N/A

f E	Transcoding coder/decoder for transcoding module 2, EVRC - Integrated Software Option – per 25 Concurrent Sessions Metric	 Product Editions and Permitted Features Required in order to enable support for transcoding to and from EVRC codec. Pre-requisite Products Requires Acme Packet 3900/4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module Entitled Products and Restricted Use Licenses N/A
f E	Transcoding coder/decoder for transcoding module 2, EVRCB - Integrated Software Option – per 25 Concurrent Sessions Metric	 Product Editions and Permitted Features Required in order to enable support for transcoding to and from EVRC-B codec. Pre-requisite Products Requires Acme Packet 3900/4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module Entitled Products and Restricted Use Licenses N/A
f C	Transcoding coder/decoder for transcoding module 2, Opus - Integrated Software Option – per Concurrent Sessions Metric	 Product Editions and Permitted Features Required in order to enable support for transcoding to and from Opus codec. Pre-requisite Products Requires Acme Packet 3900/4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module Entitled Products and Restricted Use Licenses
f	Transcoding coder/decoder for transcoding module 2, SILK - Integrated Software Option – per Concurrent Sessions Metric	 Product Editions and Permitted Features Required in order to enable support for transcoding to and from SILk codec. Pre-requisite Products Requires Acme Packet 3900/4600/6300 platform with transcoding hardware OR Acme Packet 1100 platform with transcoding module Entitled Products and Restricted Use Licenses N/A

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Last updated 22 August 2013

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Last updated 15 November 2013

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		tac_plus.c
		/* * \$Id: tac_plus.c,v 1.59 2009-07-16 23:31:26 heas Exp \$ *
		* TACACS_PLUS daemon suitable for using on Unix systems.
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		*/
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1	

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http://www.gnu.org/licenses/lgpl-2.1.html

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