

**Oracle® Communications**

**Session Border Controller – SCZ800 - S-CZ8.0.0**

**Program Documentation – License Document**

April 2018

## Contents

<b>Copyright Notices .....</b>	<b>3</b>
License Restrictions Warranty/Consequential Damages Disclaimer .....	3
Warranty Disclaimer .....	3
Restricted Rights Notice .....	3
Hazardous Applications Notice .....	3
Trademark Notice .....	3
Alpha and Beta Draft Documentation Notice.....	4
Revenue Recognition Notice .....	4
Beta Program Notice .....	4
Documentation Accessibility.....	4
Access to Oracle Support.....	4
Election to use GPL v2 / LGPL v2.1 instead of GPL v3 / LGPL v3 where applicable.....	5
Third Party Content, Products, and Services Disclaimer .....	5
 <b>Oracle Linux License Agreement.....</b>	<b>5</b>
 <b>Oracle Communications Session Border Controller – S-CZ8.0.0 – Licensing Notes .....</b>	<b>10</b>
 <b>Third-Party Commercial and Open Source Software .....</b>	<b>32</b>
Commercial Software .....	32
Open Source Disclosure .....	46
Appendix A: GNU Lesser General Public License, 2.1 (LGPL-2.1).....	92
APPENDIX B - GNU General Public License, version 2 (GPL-2.0).....	101
APPENDIX C - GNU General Public License, version 3 (GPL-3.0) .....	106
APPENDIX D – Apache Public License .....	117

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Product	Subproduct	Licensing Description
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Product	Subproduct	Licensing Description
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Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This license is only applicable to peering (interconnect) Session Border Controller configuration</p>
	<p>Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>This license enables a number of concurrent transcoding sessions by Oracle Communications Session Border Controller (perpetual session capacity) for SIP protocol in a pooled transcoding configuration. A transcoding session license is consumed when an OCSBC operating in pooled transcoding configuration performs transcoding function for a single session.</p> <p>This feature license does not include royalty-bearing CODEC use which is licensed separately.</p> <p>This license (available on a per network-wide concurrent session basis) also provides access to base Operating System and basic node management functions such as CLI (Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The following features are available with this license.</p> <p><b>ACP</b> (Acme Control Protocol) - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).</p> <p><b>SIP</b> (Session Initiation Protocol) – Enables all SIP functionality on the Oracle Communications Session Border Controller, including IMS P-CSCF functionality.</p> <p><b>HA</b> (High Availability) - 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><b>Pre-requisite Products</b></p> <p>Requires Acme Packet 4600, 6300, or 6350 platform with transcoding module(s)</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This license only enables pooled transcoding function on OCSBC.</p>
<b>Session Capacity Based Licenses</b>		
	<p>Oracle Communications Session Border Controller, Accounting – Integrated Software Option – Per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows Oracle Communications Session Border Controller to create call accounting records using either Radius or Diameter (via the Rf interface), or by collecting the information in flat files that can be stored locally or pushed via FTP to an external server.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Accounting - Network-Wide Concurrent Session Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b> Allows Oracle Communications Session Border Controller to create call accounting records using either Radius or Diameter (via the Rf interface), or by collecting the information in flat files that can be stored locally or pushed via FTP to an external server.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Government Security Certification - Integrated Software Option – Per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p>

Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Government Security Certification - Network-Wide Concurrent Session Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b> Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, IPsec Trunking - Integrated Software Option – Per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• SSM3 module installed for Acme Packet 4600, 6100, 6300 and 6350 platforms</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, IPSec Trunking - Network-</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.</p>



Product	Subproduct	Licensing Description
	Wide Concurrent Session Perpetual Metric	<p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6100, 6300, or 6350 platform with SSM3 module installed OR supported virtualized platform</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Border Controller, IPv4-IPv6 Interworking - Integrated Software Option – Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Border Controller, IPv4 to IPv6 Interworking - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul>

Product	Subproduct	Licensing Description
		<p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Lawful Intercept - Integrated Software Option – Per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Lawful Intercept - Network-Wide Concurrent Session Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p>

Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Load balancing - Integrated Software Option – Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Load Balancing Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Policy Server - Integrated Software Option – Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Allows configuration of a COPS (common open policy server)/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF)</li> <li>Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Border Controller, Policy Server - Network-Wide Concurrent Session Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration of a COPS (common open policy server)/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> <li>External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF)</li> <li>Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Border Controller, Quality of Service - Integrated Software Option</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p>

Product	Subproduct	Licensing Description
	– Per 50 Concurrent Sessions Metric	<p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Border Controller, Quality of Service - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Border Controller, Routing - Integrated Software Option – Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This includes access to configuration elements such as cost, start and end times, days of week, media profiles, and carrier elements.</p> <p>The following features are included in this license:</p> <ul style="list-style-type: none"> <li>ENUM Database support</li> <li>LRT (local route table)</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <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><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Routing - Network-Wide Concurrent Session Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This includes access to configuration elements such as cost, start and end times, days of week, media profiles, and carrier elements.</p> <p>The following features are included in this license:</p> <ul style="list-style-type: none"> <li>ENUM Database support</li> <li>LRT (local route table)</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, SIPREC Session Recording - Integrated Software Option – Per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session</p>

Product	Subproduct	Licensing Description
		<p>capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, SIPREC Session Recording - Network-Wide Concurrent Session Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b> Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls. This license is NOT available to French customers subject to the R226 regulations</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
<b>Session Based Licenses (orderable independent of session capacity licenses)</b>		
	<p>Oracle Communications Session Border Controller, MSRP B2BUA - Integrated Software Option – Per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6100, 6300, or 6350 platform</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>Requires ISO session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, MSRP B2BUA - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600, 6100, 6300 or 6350 platform AND</li> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>Requires session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> Not available on SBC VNF.</p>
	Oracle Communications Session Border Controller, SRTP - Integrated Software Option – Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Enables SRTP (SDES) media encryption.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6100, 6300, or 6350 platform with SSM3 module installed</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>Requires ISO session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, SRTP – Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Enables SRTP (SDES) media encryption.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6100, 6300, or 6350 platform with SSM3 module installed OR supported virtualized platform</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller –</li> </ul>



Product	Subproduct	Licensing Description
		<p>Network-Wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>Requires session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
Codec Licenses		
	<p>Transcoding coder/decoder for transcoding module 2, AMR-NB – Per 25 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</p> <p>Requires an equal or greater number of session capacity licenses</p>

Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b> Not available on SBC VNF.</p> <hr/> <p><b>Product Editions and Permitted Features</b> AMR-WB royalty license is required to enable support for transcoding to and from the AMR-WB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</p> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> Not available on SBC VNF.</p>
	Transcoding coder/decoder for transcoding module 2, EVRC – Per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Required in order to enable support for transcoding to and from EVRC codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p>

Product	Subproduct	Licensing Description
		<p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</p> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Not available on SBC VNF.</p>
	<p>Transcoding coder/decoder transcoding module 2, EVRCB – Per 25 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Required in order to enable support for transcoding to and from EVRC-B codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual</p>

Product	Subproduct	Licensing Description
		<p>Metric</p> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Not available on SBC VNF.</p>
	<p>Transcoding coder/decoder for transcoding module 2, Opus - Integrated Software Option - per Concurrent Session Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6300 or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p> <p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</p> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Not available on SBC VNF.</p>
	<p>Transcoding coder/decoder for transcoding module 2, SILK - Integrated Software Option - per Concurrent Session Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>SILK royalty license is required in order to enable support for transcoding to and from SILK codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6300 or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</li> </ul> <p>OR</p>

Product	Subproduct	Licensing Description
		<p>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</p> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric</p> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> Not available on SBC VNF.</p>
<b>Endpoints Based Licenses (available in endpoint units)</b>		
	<p>Oracle Communications Session Border Controller, IMS-AKA - Integrated Software Option – Per 5K Endpoints Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables IMS-AKA framework use for authentication and for securing the signaling path between UE and the Oracle Communications Session Border Controller across the Gm interface on the access network.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6100, 6300 or 6350 platforms AND</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, IMS-AKA – Network-Wide Endpoint Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables IMS-AKA framework use for authentication and for securing the signaling path between UE and the Oracle Communications Session Border Controller across the Gm interface on the access network.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6100, 6300 or 6350 platforms, or supported virtualized platform AND</li> </ul>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option – Per 50 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
<b>Tunnels Based Licenses (available in tunnel units)</b>		
	<p>Oracle Communications Session Border Controller, TSC - Integrated Software Option - per 100 Tunnels Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables use of the TSCF protocol for the protection of signaling and media. A TSCF tunnel is a method of transport between a device running the TSCF SDK with the TSCF interface on the SBC within which traffic such as VoIP can be encapsulated to provide for secure communications, robust firewall-traversal, simplified signaling and improved voice quality over lossy networks.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600, 6100, 6300 or 6350 platforms AND</li> <li>Requires Oracle Communications Session Border Controller (base fee) – Integrated Software Option – Per Server Metric</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Entitles the use of TSC client Software Development Kit (SDK) in conjunction with the TSC function on the Oracle Communications Session Border Controller as per <a href="#">Mobile Archive Restricted Use</a> terms.</p>
	<p>Oracle Communications Session Border Controller, TSC – Network-Wide Tunnel Perpetual Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables use of the TSCF protocol for the protection of signaling and media.</p> <p>A TSCF tunnel is a method of transport between a device running the TSCF SDK with the TSCF interface on the SBC within which traffic such as VoIP can be encapsulated to provide for secure communications, robust firewall-traversal, simplified signaling and improved voice quality over lossy networks.</p> <p>This license also provides access to base Operating System and basic node management functions such as CLI (Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The following features are available with this license:</p> <p><b>ACP</b> (Acme Control Protocol) - Allows the system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).</p> <p><b>HA</b> (High Availability) - 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</p>

Product	Subproduct	Licensing Description
		<p>configuration object.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600, 6100, 6300 or 6350 platforms.</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Entitles the use of TSC client Software Development Kit (SDK) in conjunction with the TSC function on the Oracle Communications Session Border Controller as per <a href="#">Mobile Archive Restricted Use</a> terms.</p> <p>Not available on SBC-VNF.</p>

# Third-Party Commercial and Open Source Software

## Commercial Software

Commercial software used in Oracle Communications Session Border Controller – S-CZ8.0.0 is identified in the following table with the following license notes, restrictions, and disclaimers.

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Cavium	u-boot – 1.1.1	GPL 2.0 - See APPENDIX B
Embedthis	Embedthis APPweb Software	Used under license from Embedthis, All Rights Reserved.
	Dtoa  (4 <sup>th</sup> party of Embedthis)	<p>The author of this software is David M. Gay. Copyright (c) 1991, 2000, 2001 by Lucent Technologies.</p> <p>Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software and in all copies of the supporting documentation for such software.</p> <p>THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, NEITHER THE AUTHOR NOR LUCENT MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.</p> <p>***** **</p>
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	SQLITE  (4 <sup>th</sup> party of Embedthis)	SQLite. The SQLite library is included as an optional component of the Licensed Software.  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.  Some plugins have other licenses.  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.
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	Embedded IKE – 5.1.1	Used under license from Mocana. All Rights Reserved.
	Embedded SSH Client and Server – 5.1.1	Used under license from Mocana. All Rights Reserved.
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	ARTP/RTCP	Used under license from Radvision, All Rights Reserved
	ASN.1 Compiler Add-On for H.323 for Windows	Used under license from Radvision, All Rights Reserved

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		<p>* More information about curve25519 can be found here  * <a href="http://cr.yo.to/ecdh.html">http://cr.yo.to/ecdh.html</a>  *  * djb's sample implementation of curve25519 is written in a special assembly  * language called qhasm and uses the floating point registers.  *  * This is, almost, a clean room reimplementaion from the curve25519 paper. It  * uses many of the tricks described therein. Only the crecip function is taken  * from the sample implementation.  */</p>
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## Appendix A: GNU Lesser General Public License, 2.1 (LGPL-2.1)

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

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Version 2.1, February 1999

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Version 3, 29 June 2007

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