

**Oracle® Communications**

**Session Border Controller – S-Cz9.2.0**

**Program Documentation – License Document**

August 2024

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Product	Subproduct	Licensing Description
Oracle Communications Session Border Controller	Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric	<p><b>Product Editions and Permitted Features</b></p> <p>This license (available on a per server basis) 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 the base 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 including IMS P-CSCF functionality.</p> <p><b>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol.</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>DOS</b> – Enables Denial of Service protection functionality that protects network infrastructure, including the SBC, by providing signaling and media traffic attack detection and policing, and static and dynamic access control.</p> <p><b>IDS</b> (Intrusion Detection) – 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</p>



Product	Subproduct	Licensing Description
		<p>admission control) failures.</p> <p><b>IDS Advanced</b> – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p><b>National Emergency Services (NSEP)</b> - 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><b>IPFIX interface</b> – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.</p> <p><b>Prerequisite Products</b> Acme Packet 3900, 3950, 4900, 4600, 6100, 6300 or 6350 platform</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> This license enables a number of concurrent sessions by Oracle Communications Session Border Controller (ISO session capacity) for SIP. This feature license includes the capability to handle endpoint registrations (registration caching) and surrogate registrations.</p> <p><b>Pre-requisite Products</b> Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Peering Session Border Controller – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> This license enables a number of concurrent peering sessions by Oracle Communications Session Border Controller (ISO session capacity) for SIP. This feature license does not include the capability to handle endpoint registrations (registration caching) or surrogate registrations.</p> <p><b>Pre-requisite Products</b> Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric</p> <p><b>Entitled Products and Restricted Use Licenses</b> This license is only applicable to peering (interconnect)</p>

Product	Subproduct	Licensing Description
		<p>Session Border Controller configuration.</p>
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Product	Subproduct	Licensing Description
		<p><b>HA (High Availability)</b> - 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>DOS</b> - Enables Denial of Service protection functionality that protects network infrastructure, including the SBC, by providing signaling and media traffic attack detection and policing, and static and dynamic access control.</p> <p><b>IDS (Intrusion Detection)</b> - 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><b>IDS Advanced</b> - This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p><b>National Emergency Services (NSEP)</b> - 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><b>IPFIX interface</b> - The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Supported virtualized platform</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>This license enables a number of concurrent peering sessions by Oracle Communications Session Border Controller (perpetual session capacity) for SIP. This feature license does not include the capability to handle endpoint registrations (registration caching) or surrogate registrations.</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</p>

Product	Subproduct	Licensing Description
		<p>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 including IMS P-CSCF functionality.</p> <p><b>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol.</p> <p><u>Exceptions:</u> Not applicable to SBC VNF. Requires separate TLS license.</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>DOS</b> – Enables Denial of Service protection functionality that protects network infrastructure, including the SBC, by providing signaling and media traffic attack detection and policing, and static and dynamic access control.</p> <p><b>IDS</b> (Intrusion Detection) – 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><b>IDS Advanced</b> – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p><b>National Emergency Services (NSEP)</b> - 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><b>IPFIX interface</b> – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Supported virtualized platform</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This license is only applicable to peering (interconnect) Session Border Controller configurations.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual	<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>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol.  <u>Exceptions:</u> Not applicable to SBC VNF. Requires separate TLS license.</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> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6300, or 6350 platform with transcoding module(s)</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This license is only applicable to pooled transcoding Session Border Controller configurations.</p>
	Oracle Communications Session Border Controller – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>This license enables a number of concurrent sessions by Oracle Communications Session Border Controller (perpetual session capacity) for SIP. This feature license includes the capability to handle endpoint registrations (registration caching) and surrogate registrations.</p> <p>Single Server Concurrent Session Perpetual License limits</p>

Product	Subproduct	Licensing Description
		<p>the use of license to a single server during a 90-day period. 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 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 including IMS P-CSCF functionality.</p> <p><b>TLS</b> (Transport Layer Security) - This feature enables cryptographic security for the SIP protocol.  <u>Exceptions:</u> Not applicable to SBC VNF. Requires separate TLS license.</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>DOS</b> - Enables Denial of Service protection functionality that protects network infrastructure, including the SBC, by providing signaling and media traffic attack detection and policing, and static and dynamic access control.</p> <p><b>IDS</b> (Intrusion Detection) - 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><b>IDS Advanced</b> - This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p><b>National Emergency Services (NSEP)</b> - 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><b>IPFIX interface</b> - The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform</li> </ul> <p>OR</p>

Product	Subproduct	Licensing Description
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	<p>Oracle Communications Peering Session Border Controller – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>This license enables a number of concurrent peering sessions by Oracle Communications Session Border Controller (perpetual session capacity) for SIP. This feature license does not include the capability to handle endpoint registrations (registration caching) or surrogate registrations.</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</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 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 including IMS P-CSCF functionality.</p> <p><b>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol. <u>Exceptions:</u> Not applicable to SBC VNF. Requires separate TLS license.</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>DOS</b> – Enables Denial of Service protection functionality that protects network infrastructure, including the SBC, by providing signaling and media traffic attack detection and policing, and static and dynamic access control.</p> <p><b>IDS</b> (Intrusion Detection) – 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><b>IDS Advanced</b> – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p><b>National Emergency Services (NSEP)</b> - Enables support for</p>

Product	Subproduct	Licensing Description
		<p>Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures.</p> <p><b>IPFIX interface</b> – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Supported virtualized platform</li> </ul> <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 – Single Server Concurrent Session Perpetual</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>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</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 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>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol.</p> <p><u>Exceptions:</u> Not applicable to SBC VNF. Requires separate TLS license.</p>



Product	Subproduct	Licensing Description
		<p><b>HA (High Availability)</b> - 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> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6300, or 6350 platform with transcoding module(s)</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This license is only applicable to pooled transcoding Session Border Controller configurations.</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 Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Border Controller, Accounting – Network-Wide Concurrent Session Perpetual</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 Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>This license requires an equal number of session capacity</p>

Product	Subproduct	Licensing Description
		<p>licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Accounting – Single Server Concurrent Session Perpetual</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>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Advanced Media Termination – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables support for handling RTC media, via the following features:</p> <ul style="list-style-type: none"> <li>• RTP / RTCP multiplexing (per RFC 5761)</li> <li>• ICE lite (per RFC 5245)</li> <li>• STUN</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications</p>	<p><b>Product Editions and Permitted Features</b></p>

Product	Subproduct	Licensing Description
	Session Border Controller, Advanced Media Termination – Network-Wide Concurrent Session Perpetual	<p>Enables support for terminating RTC media, via the following features:</p> <ul style="list-style-type: none"> <li>• RTP / RTCP multiplexing (per RFC 5761)</li> <li>• ICE lite (per RFC 5245)</li> <li>• STUN</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Advanced Media Termination – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Enables support for terminating RTC media, via the following features:</p> <ul style="list-style-type: none"> <li>• RTP / RTCP multiplexing (per RFC 5761)</li> <li>• ICE lite (per RFC 5245)</li> <li>• STUN</li> </ul> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Bidirectional Forwarding Detection – Integrated Software Option – per 50 Concurrent Sessions	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of BFD protocol as an alternate High Availability mechanism on the SBC.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul>

Product	Subproduct	Licensing Description
	Metric	<p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Bidirectional Forwarding Detection – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Enables the use of BFD protocol as an alternate High Availability mechanism on the SBC.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, Bidirectional Forwarding Detection – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Enables the use of BFD protocol as an alternate High Availability mechanism on the SBC.</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, Core Features – Integrated	<p><b>Product Editions and Permitted Features</b> The following features are available with this license:</p> <p><b>Accounting</b> – Allows the creation of call accounting records</p>

Product	Subproduct	Licensing Description
	Software Option – per 50 Concurrent Sessions Metric	<p>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>Load Balancing</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>QoS</b> – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p> <p><b>Routing</b> – 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 Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Core Features – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>The following features are available with this license:</p> <p><b>Accounting</b> – Allows the creation of 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>Load Balancing</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>QoS</b> – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p> <p><b>Routing</b> – Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This includes access to configuration elements such as cost, start</p>

Product	Subproduct	Licensing Description
		<p>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 Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Core Features – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>The following features are available with this license:</p> <p><b>Accounting</b> – Allows the creation of 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>Load Balancing</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>QoS</b> – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p> <p><b>Routing</b> – 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>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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 Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO 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 – Network-Wide Concurrent Session Perpetual</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 Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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 – Single Server Concurrent</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>

Product	Subproduct	Licensing Description
	Session Perpetual	<p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, Hardware-Assisted Transcoding – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Enables the use of 3<sup>rd</sup> party DSP-based PCIe card for hardware accelerated transcoding in a virtual SBC instance.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>This license requires an equal number of session capacity licenses, and the appropriate ISO codec licenses (as required)</p> <p><b>Entitled Products and Restricted Use Licenses</b> This license is only applicable to SBC VNF</p>
	Oracle Communications Session Border Controller, Hardware-Assisted Transcoding – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Enables the use of 3<sup>rd</sup> party DSP-based PCIe card for hardware accelerated transcoding in a virtual SBC instance. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>This license requires an equal number of session capacity licenses, and the appropriate ISO codec licenses (as required)</p>



Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b> This license is only applicable to SBC VNF</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, IKEv2 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 (for Acme Packet 4600, 6100, 6300, or 6350 platforms only - not required for Acme Packet 3900, 3950, 4900 or virtualized platforms)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller - Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller - Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, IPsec Trunking - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of IPsec protocol (including IKEv1, IKEv2 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 (for Acme Packet 4600, 6100, 6300, or 6350 platforms only - not required for Acme Packet 3900, 3950, 4900 or virtualized platforms)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of IPsec protocol (including IKEv1, IKEv2 or</p>

Product	Subproduct	Licensing Description
	Trunking – Single Server Concurrent Session Perpetual	<p>manual keys) for protecting signaling and media. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900, 3950, 4900 or virtualized platforms)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, IPv4 to IPv6 Interworking – Integrated Software Option – per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Allows IPv4-IPv6 interworking for signaling and media. This license is not required for pure IPv6 functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, IPv4 to IPv6 Interworking – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Allows IPv4-IPv6 interworking for signaling and media. This license is not required for pure IPv6 functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul>

Product	Subproduct	Licensing Description
		<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, IPv4 to IPv6 Interworking – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Allows IPv4-IPv6 interworking for signaling and media. This license is not required for pure IPv6 functionality. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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> 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 Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</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</p>	<p><b>Product Editions and Permitted Features</b> 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>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> OR <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> This license requires an equal number of session capacity licenses. <b>Entitled Products and Restricted Use Licenses</b> N/A
	Oracle Communications Session Border Controller, Lawful Intercept – Single Server Concurrent Session Perpetual	<b>Product Editions and Permitted Features</b> 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. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. <b>Pre-requisite Products</b> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> OR <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> This license requires an equal number of session capacity licenses. <b>Entitled Products and Restricted Use Licenses</b> N/A
	Oracle Communications Session Border Controller, Load Balancing – Integrated Software Option – per 50 Concurrent Sessions Metric	<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. <b>Pre-requisite Products</b> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> OR <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> This license requires an equal number of ISO session capacity licenses. <b>Entitled Products and Restricted Use Licenses</b> N/A

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Load Balancing – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>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 Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Load Balancing – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Policy Server – Integrated Software Option – per 50 Concurrent Sessions Metric	<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>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> OR <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> This license requires an equal number of ISO session capacity licenses. <b>Entitled Products and Restricted Use Licenses</b> N/A
	Oracle Communications Session Border Controller, Policy Server – Network-Wide Concurrent Session Perpetual	<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: <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> <b>Pre-requisite Products</b> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> OR <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> This license requires an equal number of session capacity licenses. <b>Entitled Products and Restricted Use Licenses</b> N/A
	Oracle Communications Session Border Controller, Policy Server – Single Server Concurrent Session Perpetual	<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: <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> Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. <b>Pre-requisite Products</b> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller</li> </ul>

Product	Subproduct	Licensing Description
		<p>session capacity</p> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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 – per 50 Concurrent Sessions Metric</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> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO 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 – Network-Wide Concurrent Session Perpetual</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> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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 – Single Server Concurrent Session</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> <p>Single Server Concurrent Session Perpetual License limits</p>

Product	Subproduct	Licensing Description
	Perpetual	<p>the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, REST API for Third Party Use – Integrated Software Option – per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables automated management of the SBC from 3<sup>rd</sup> party (i.e. non Oracle) applications and services.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Border Controller, REST API for Third Party Use – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Enables automated management of the SBC from 3<sup>rd</sup> party (i.e. non Oracle) applications and services.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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	<p><b>Product Editions and Permitted Features</b></p>



Product	Subproduct	Licensing Description
	Session Border Controller, REST API for Third Party Use – Single Server Concurrent Session Perpetual	<p>Enables automated management of the SBC from 3<sup>rd</sup> party (i.e. non Oracle) applications and services.</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, Ringback Tone Generation – Integrated Software Option – per 50 Concurrent Session Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Allows the Session Border Controller to generate ringback tones locally</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Ringback Tone Generation – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Allows the Session Border Controller to generate ringback tones locally</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p>

Product	Subproduct	Licensing Description
		N/A
	Oracle Communications Session Border Controller, Ringback Tone Generation – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Allows the Session Border Controller to generate ringback tones locally</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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 Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
Oracle Communications Session Border Controller, Routing – Network-Wide Concurrent Session	<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>	

Product	Subproduct	Licensing Description
	Perpetual	<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 Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Routing – Single Server Concurrent Session Perpetual	<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>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, SIP/SIP-I Interworking – Integrated Software Option – per 50	<p><b>Product Editions and Permitted Features</b></p> <p>Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller –</li> </ul>

Product	Subproduct	Licensing Description
	Concurrent Session Metric	<p>Integrated Software Option session capacity</p> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, SIP/SIP-I Interworking – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, SIP/SIP-I Interworking – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, SIPREC	<p><b>Product Editions and Permitted Features</b> Enables session replication for recording, which helps call centers record the signaling and media packets associated</p>

Product	Subproduct	Licensing Description
	Session Recording – Integrated Software Option – per 50 Concurrent Sessions Metric	<p>with their calls.</p> <p>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 Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, SIPREC Session Recording – Network-Wide Concurrent Session Perpetual	<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>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 Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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, SIPREC Session Recording – Single Server Concurrent Session Perpetual	<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>This license is NOT available to French customers subject to the R226 regulations</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul>

Product	Subproduct	Licensing Description
		<p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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 for French Territories – Integrated Software Option – per 50 Concurrent Sessions 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 only applicable 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 Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO 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 for French Territories – Network-Wide Concurrent Session Perpetual</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 only applicable 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 Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, SIPREC Session Recording for French Territories – Single Server Concurrent Session Perpetual	<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>This license is only applicable to French customers subject to the R226 regulations</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, STIR SHAKEN - Integrated Software Option - per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of REST API calls to STI servers for the purposes of STIR authentication and validation.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Border Controller, STIR SHAKEN - Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of REST API calls to STI servers for the purposes of STIR authentication and validation.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul>

Product	Subproduct	Licensing Description
		<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, STIR SHAKEN - Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of REST API calls to STI servers for the purposes of STIR authentication and validation. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</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, Transport Layer Security (TLS) – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of TLS for encryption of SIP signaling for virtual SBCs</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> This license is only applicable to SBC VNF</p>
	<p>Oracle Communications Session Border Controller, Transport Layer Security (TLS) – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of TLS for encryption of SIP signaling for virtual SBCs Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller</li> </ul>



Product	Subproduct	Licensing Description
		<p>session capacity</p> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</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>This license is only applicable to SBC VNF</p>
<b>Session Based Licenses (orderable independent of session capacity licenses)</b>		
	<p>Oracle Communications Session Border Controller, Advanced MSRP Media Handling - Integrated Software Option - per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of MSRP functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Border Controller, Advanced MSRP Media Handling - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of MSRP functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Border Controller, Advanced MSRP Media Handling - Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of MSRP functionality.</p> <p>Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller session capacity</li> </ul>

Product	Subproduct	Licensing Description
		<p>OR</p> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, SRTP – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> Enables SRTP (SDES and DTLS) media encryption.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <p>OR</p> <p>Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, SRTP – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables SRTP (SDES and DTLS) media encryption.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, SRTP – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables SRTP (SDES and DTLS) media encryption. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p><b>Entitled Products and Restricted Use Licenses</b></p>

Product	Subproduct	Licensing Description
		N/A
<b>Codec Licenses</b>		
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB - Integrated Software Option - per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b>  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>• Acme Packet 3900, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b>  N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b>  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>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b>  N/A</p>

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> 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>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) - Integrated Software Option – per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller session capacity</p> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border	<p><b>Product Editions and Permitted Features</b> AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec.</p>

Product	Subproduct	Licensing Description
	Controller, AMR-WB (G.722.2) – Network-Wide Concurrent Session Perpetual	<p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for transcoding module 2, EVRC – Integrated Software Option - 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>• Acme Packet 3900, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p>

Product	Subproduct	Licensing Description
		<p>Oracle Communications Peering Session Border Controller session capacity</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller session capacity</p> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Transcoding coder/decoder transcoding module 2, EVRCB – Integrated Software Option - per 25 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> 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>• Acme Packet 3900, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller session capacity</p> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS - Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> EVS royalty license is required in order to enable support for transcoding to and from EVS codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul>

Product	Subproduct	Licensing Description
		<p>OR</p> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller session capacity</p> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>EVS royalty license is required in order to enable support for transcoding to and from EVS codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>EVS royalty license is required in order to enable support for transcoding to and from EVS codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul>

Product	Subproduct	Licensing Description
		<p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus - Integrated Software Option - per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> 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>• Acme Packet 3900, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> 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>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p>



Product	Subproduct	Licensing Description
		<p>N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> 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>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Transcoding</p>	<p><b>Product Editions and Permitted Features</b></p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, SILK - Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> 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>• Acme Packet 3900, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p>OR</p> <p>Oracle Communications Transcoding Session Border Controller session capacity</p> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	coder/decoder for Oracle Communications Session Border Controller, SILK – Network-Wide Concurrent Session Perpetual	<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>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, SILK – Single Server Concurrent Session Perpetual	<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>Oracle Communications Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
Endpoints Based Licenses (available in endpoint units)		
	Oracle Communications Session Border Controller, IMS-AKA – Integrated Software Option – per 5K Endpoints Metric	<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>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>• Acme Packet 4600, 6100, 6300, or 6350 platforms</li> </ul> AND <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller – Integrated Software Option session capacity</li> </ul> <b>Entitled Products and Restricted Use Licenses</b> N/A
	Oracle Communications Session Border Controller, IMS-AKA – Network-Wide Concurrent Endpoint Perpetual	<b>Product Editions and Permitted Features</b> 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.  <b>Pre-requisite Products</b> <ul style="list-style-type: none"> <li>• Acme Packet 4600, 6100, 6300, or 6350 platforms OR supported virtualized platform</li> </ul> AND <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <b>Entitled Products and Restricted Use Licenses</b> N/A
	Oracle Communications Session Border Controller, IMS-AKA – Single Server Concurrent Endpoint Perpetual	<b>Product Editions and Permitted Features</b> 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.  Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.  <b>Pre-requisite Products</b> <ul style="list-style-type: none"> <li>• Acme Packet 4600, 6100, 6300, or 6350 platforms, OR supported virtualized platform</li> </ul> AND <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller session capacity</li> </ul> <b>Entitled Products and Restricted Use Licenses</b> N/A

# Third-Party Commercial and Open Source Software

## Commercial Software

Commercial software used in Oracle Communications Session Border Controller – S-CZ9.2.0 is identified in the following table with the following license notes, restrictions, and disclaimers.

Vendor	Product(s) and Version(s)	Licensing Description/Disclaimer
Cavium	u-boot – 1.1.1	GPL 2.0 - See APPENDIX B
Icon Laboratories	Envoy SNMP – 3.6	Used under license from Icon Laboratories, All Rights Reserved.
Mocana	NanoSec Standard and Advanced – 5.1.1	Used under license from Mocana, All Rights Reserved
	NanoSSH Advanced – 5.1.1	Used under license from Mocana, All Rights Reserved
	NanoSSH Client and Server – 5.1.1	Used under license from Mocana, All Rights Reserved
	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.
	Embedded SSL Server – 5.1.1	Used under license from Mocana. All Rights Reserved.
	bitstring.h (4 <sup>th</sup> party of Mocana)	<p>Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.</p> <p>This code is derived from software contributed to Berkeley by Paul Vixie.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. [Clause 3 is deleted in its entirety per</li> </ol>

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		<p><a href="http://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License.Change">http://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License.Change</a></p> <p>4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p>
Radvision	H.323 Toolkit	Used under license from Radvision, All Rights Reserved
	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
	ARES Library (4 <sup>th</sup> party of Radvision)	<p>Copyright 1998 by the Massachusetts Institute of Technology.</p> <p>Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.</p>
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Oracle takes no responsibility for its use or distribution of any open source or shareware software or documentation and disclaims any and all liability or damages resulting from use of said software or documentation. Open source software used in Oracle Communications Session Border Controller is identified in the following table with the following license notes, restrictions, and disclaimers.

### **Election to use GPL v2 / LGPL v2.1 instead of GPL v3 / LGPL v3 where applicable**

Oracle elects to use only the GNU Lesser General Public License version 2.1 (LGPL)/GNU General Public License version 2 (GPL) for any software where a choice of LGPL/GPL license versions are made available with the language indicating that LGPLv2.1/GPLv2 or any later version may be used, or where a choice of which version of the LGPL/GPL applies is unspecified. Where a choice is available between the GPL or the LGPL and any other license, and no specific election has been made with respect to that particular component, Oracle chooses the other license.

The GNU GPL v2 license applies to the Enterprise Linux compilation and any portions of Enterprise Linux it does not conflict with. Whenever this policy does conflict with the copyright of any individual portion of Enterprise Linux, it does not apply.

Vendor	Product(s) and Version(s)	Licensing Description/Disclaimer
Andreas Gruenbacher	Acl 2.2.53-1	LGPL 2.1 - See APPENDIX A
Ted Felix	Acpid 2.0.30-2	<a href="#">Acpid License</a>
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Python.org	Python (platform and Python-libs) 3.6.8-38	<p>Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <a href="http://www.cwi.nl">http://www.cwi.nl</a>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.</p> <p>In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <a href="http://www.cnri.reston.va.us">http://www.cnri.reston.va.us</a>) in Reston, Virginia where he released several versions of the software.</p> <p>In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <a href="http://www.zope.com">http://www.zope.com</a>). In 2001, the Python Software Foundation (PSF, see <a href="http://www.python.org/psf/">http://www.python.org/psf/</a>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.</p> <p>All Python releases are Open Source (see <a href="http://www.opensource.org">http://www.opensource.org</a> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.</p>

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Lasse Collin	Xz (liblzma) 5.2.4-4	liblzma is in the public domain

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/\*

\* connection\_list.c - ACPI daemon connection list

\*

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