

**Oracle® Communications**  
**Session Border Controller – S-Cz9.0.0**

**Program Documentation – License Document**

June 2021

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Product	Subproduct	Licensing Description
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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>Prerequisite Products</b> Acme Packet 3900, 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>
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Product	Subproduct	Licensing Description
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Product	Subproduct	Licensing Description
		<p>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>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 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>N/A</p>
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Product	Subproduct	Licensing Description
		<p>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>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 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>
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Product	Subproduct	Licensing Description
		<p>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> <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>
	<p>Oracle Communications 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 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 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.</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</p>

Product	Subproduct	Licensing Description
		<p>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>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 3900, 4600, 6100, 6300, or 6350 platform</li> <li>OR</li> <li>Supported virtualized platform</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<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. 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 (Acme Control Protocol)</b> - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle</p>

Product	Subproduct	Licensing Description
		<p>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>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 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</p>

Product	Subproduct	Licensing Description
		<p>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> <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>
<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 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>

Product	Subproduct	Licensing Description
		<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, 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 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</p>	<p><b>Product Editions and Permitted Features</b></p>

Product	Subproduct	Licensing Description
	Session Border Controller, Advanced Media Termination - Integrated Software Option - per 50 Concurrent Sessions Metric	Enables support for handling RTC media, via the following features: <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> <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
	Oracle Communications Session Border Controller, Advanced Media Termination - Network-Wide Concurrent Session Perpetual	<b>Product Editions and Permitted Features</b> Enables support for terminating RTC media, via the following features: <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> <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, Advanced Media Termination - Single Server Concurrent Session Perpetual	<b>Product Editions and Permitted Features</b> Enables support for terminating RTC media, via the following features: <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> Single Server Concurrent Session Perpetual License limits

Product	Subproduct	Licensing Description
		<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>
	<p>Oracle Communications Session Border Controller, Bidirectional Forwarding Detection - Integrated Software Option - per 50 Concurrent Sessions Metric</p>	<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> <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, Bidirectional Forwarding Detection - Network-Wide Concurrent Session Perpetual</p>	<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 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>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Bidirectional Forwarding Detection – Single Server Concurrent Session Perpetual	<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>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, Core Features – Integrated Software Option – per 50 Concurrent Sessions Metric	<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><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</p>

Product	Subproduct	Licensing Description
		<p>capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, Core Features - Network-Wide Concurrent Session Perpetual Metric</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><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, Core Features - Single Server Concurrent Session Perpetual Metric</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</p>

Product	Subproduct	Licensing Description
		<p>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> <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></p> <p>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>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Government Security Certification – Network-Wide Concurrent Session Perpetual	<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>
	Oracle Communications Session Border Controller, Government Security Certification – Single Server Concurrent Session Perpetual	<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>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</p>

Product	Subproduct	Licensing Description
		<p>required)</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, Hardware-Assisted Transcoding – Single Server Concurrent Session Perpetual</p>	<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> <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 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</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>

Product	Subproduct	Licensing Description
	Trunking – Network-Wide Concurrent Session Perpetual	<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 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></p> <p>N/A</p>
	Oracle Communications Session Border Controller, IPSec Trunking – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of IPsec protocol (including IKEv1, IKEv2 or manual keys) for protecting signaling and media.</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>SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 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></p> <p>N/A</p>
	Oracle Communications Session Border Controller, IPv4-IPv6 Interworking – Integrated Software Option – per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Allows IPv4-IPv6 interworking for signaling and media.</p> <p>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>

Product	Subproduct	Licensing Description
		<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, IPv4 to IPv6 Interworking – Network-Wide 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.</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, 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</p>	<p><b>Product Editions and Permitted Features</b></p>

Product	Subproduct	Licensing Description
	Session Border Controller, Lawful Intercept – Integrated Software Option – per 50 Concurrent Sessions Metric	<p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications 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, Lawful Intercept – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications 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, Lawful Intercept – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p>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</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, Load Balancing – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications 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, Load Balancing – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications 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, Load Balancing – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>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>N/A</p>
	<p>Oracle Communications Session Border Controller, Policy Server – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration of a COPS (common open policy server)/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> <li>External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF)</li> <li>Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications 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, Policy Server – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration of a COPS (common open policy server)/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> <li>External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF)</li> <li>Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications 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, Policy Server – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration of a COPS (common open policy server)/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> <li>External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF)</li> <li>Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p>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, 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> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Quality of Service – Network-Wide Concurrent Session Perpetual	<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>
	Oracle Communications Session Border Controller, Quality of Service – Single Server Concurrent Session Perpetual	<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 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 3 <sup>rd</sup> -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>

Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, REST API for 3<sup>rd</sup>-Party Use – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> 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> N/A</p>
	<p>Oracle Communications Session Border Controller, REST API for 3<sup>rd</sup>-Party Use – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> 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>
	<p>Oracle Communications Session Border Controller, Ringback Tone Generation – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b> 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</li> </ul>

Product	Subproduct	Licensing Description
		<p>Controller – Integrated Software Option session capacity 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, Ringback Tone Generation – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> 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> N/A</p>
	<p>Oracle Communications Session Border Controller, Ringback Tone Generation – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> 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> N/A</p>
	<p>Oracle Communications Session Border Controller, Routing – Integrated Software</p>	<p><b>Product Editions and Permitted Features</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</p>

Product	Subproduct	Licensing Description
	Option – per 50 Concurrent Sessions Metric	<p>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 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><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 – 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> </ul>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <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>
	<p>Oracle Communications Session Border Controller, SIP/SIP-I Interworking – Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<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 – 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, SIP/SIP-I Interworking – Network-Wide Concurrent Session Perpetual</p>	<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 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, SIP/SIP-I Interworking – Single Server Concurrent Session Perpetual	<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>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, SIPREC Session Recording – Integrated Software Option – per 50 Concurrent Sessions Metric	<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 – 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, 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>

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 – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls.</p> <p>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> <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></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><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>

Product	Subproduct	Licensing Description
		<p>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></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><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, SIPREC Session Recording for French Territories - Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls.</p> <p>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>
	<p>Oracle Communications Session Border Controller, STIR SHAKEN - Integrated Software</p>	<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>

Product	Subproduct	Licensing Description
	Option - per 50 Concurrent Sessions Metric	<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, STIR SHAKEN - Network-Wide Concurrent Session Perpetual	<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.</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, STIR SHAKEN - Single Server Concurrent Session Perpetual	<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>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Transport Layer Security (TLS) – Network-Wide Concurrent Session Perpetual	<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>
	Oracle Communications Session Border Controller, Transport Layer Security (TLS) – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Enables the use of TLS for encryption of SIP signaling for virtual SBCs</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> This license is only applicable to SBC VNF</p>
<b>Session Based Licenses (orderable independent of session capacity licenses)</b>		
	Oracle Communications Session Border Controller, MSRP B2BUA – Integrated Software Option – per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>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>

Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Border Controller, MSRP B2BUA – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>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> N/A</p>
	<p>Oracle Communications Session Border Controller, MSRP B2BUA – Single Server Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality. 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><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) media encryption.</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 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</li> </ul>

Product	Subproduct	Licensing Description
		<p>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) media encryption.</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 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> <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) 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>• SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 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> <p>Oracle Communications Peering Session Border Controller session capacity</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
<b>Codec Licenses</b>		
	<p>Transcoding coder/decoder for transcoding module 2, AMR-NB – Integrated</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>

Product	Subproduct	Licensing Description
	Software Option - per 25 Concurrent Sessions Metric	<p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 3900, 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></p> <p>N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB – 25 Concurrent Sessions Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-NB license is required in order to enable support for software transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Supported virtualized platform</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 Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Transcoding coder/decoder for Oracle Communications	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-NB royalty license is required in order to enable</p>

Product	Subproduct	Licensing Description
	Session Border Controller, AMR-NB - Integrated Software Option - per 50 Concurrent Sessions Metric	<p>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, 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></p> <p>N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB - Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>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>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB - Single Server Concurrent	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller</li> </ul>

Product	Subproduct	Licensing Description
	Session Perpetual	<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>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>
	Transcoding coder/decoder for transcoding module 2, AMR-WB (G.722.2) - Integrated Software Option - per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-WB royalty license is required to enable support for transcoding to and from the AMR-WB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 3900, 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></p> <p>N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) - 25 Concurrent Sessions Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-WB license is required in order to enable support for software transcoding to and from AMR-WB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Supported virtualized platform</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 Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for 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, AMR-WB (G.722.2) - Integrated Software Option – per 50 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>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, 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></p> <p>N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>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>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>Oracle Communications Peering Session Border Controller session capacity</li> </ul> OR <ul style="list-style-type: none"> <li>Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> Requires an equal or greater number of session capacity licenses <b>Entitled Products and Restricted Use Licenses</b> N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) – Single Server Concurrent Session Perpetual	<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. <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> OR <ul style="list-style-type: none"> <li>Oracle Communications Transcoding Session Border Controller session capacity</li> </ul> Requires an equal or greater number of session capacity licenses <b>Entitled Products and Restricted Use Licenses</b> N/A
	Transcoding coder/decoder for transcoding module 2, EVRC – Integrated Software Option - per 25 Concurrent Sessions Metric	<b>Product Editions and Permitted Features</b> Required in order to enable support for transcoding to and from EVRC codec. <b>Pre-requisite Products</b> <ul style="list-style-type: none"> <li>Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s)</li> </ul> AND <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> OR <ul style="list-style-type: none"> <li>Oracle Communications Transcoding Session Border</li> </ul>

Product	Subproduct	Licensing Description
		<p>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 transcoding module 2, EVRCB – Integrated Software Option - per 25 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Required in order to enable support for transcoding to and from EVRC-B codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 3900, 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></p> <p>N/A</p>
	<p>Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS – 25 Concurrent Sessions Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>EVS license is required in order to enable support for software transcoding to and from EVS codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Supported virtualized platform</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</p>

Product	Subproduct	Licensing Description
		<p>Controller session capacity</p> <p>Requires an equal or greater number of session capacity licenses</p> <p>Not available on Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, EVS - Integrated Software Option - per Concurrent Session Metric</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>• Acme Packet 3900, 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></p> <p>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></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>• Acme Packet 3900, 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>

Product	Subproduct	Licensing Description
		<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> <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>Transcoding coder/decoder for transcoding module 2, Opus - Integrated Software Option - per Concurrent Session Metric</p>	<p>N/A</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, 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 - 25 Concurrent Sessions Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Opus license is required in order to enable support for software transcoding to and from Opus codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Supported virtualized platform</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 Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF</p>

Product	Subproduct	Licensing Description
		<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, 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 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> N/A</p>

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus – Single Server Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>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>
	Transcoding coder/decoder for transcoding module 2, SILK – Integrated Software Option – per Concurrent Session Metric	<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>Acme Packet 3900, 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></p> <p>N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border	<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>

Product	Subproduct	Licensing Description
	Controller, SILK- 25 Concurrent Sessions Perpetual	<p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Supported virtualized platform</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 Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Transcoding coder/decoder for Oracle Communications Session Border Controller, SILK - Integrated Software Option - per 50 Concurrent Sessions Metric	<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>Acme Packet 3900, 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></p> <p>N/A</p>
	Transcoding coder/decoder for	<p><b>Product Editions and Permitted Features</b></p> <p>SILK royalty license is required in order to enable support</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, SILK – Network-Wide Concurrent Session Perpetual	<p>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></p> <p>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></p> <p>N/A</p>
<b>Endpoints Based Licenses (available in endpoint units)</b>		
	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> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6100, 6300, or 6350 platforms</li> </ul>

Product	Subproduct	Licensing Description
		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 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 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
<b>Tunnels Based Licenses (available in tunnel units)</b>		
	Oracle Communications Session Border Controller, TSC – Integrated Software	<b>Product Editions and Permitted Features</b> Enables use of the TSCF protocol for the protection of signaling and media. A TSCF tunnel is a method of transport between a device running the TSCF SDK and the TSCF

Product	Subproduct	Licensing Description
	Option – per 100 Tunnels Metric	<p>interface on the SBC, within which traffic such as VoIP can be encapsulated to provide for secure communications, robust firewall-traversal, simplified signaling and improved voice quality over lossy networks.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6100, 6300, or 6350 platforms</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Entitles the use of TSC client Software Development Kit (SDK) in conjunction with the TSC function on the Oracle Communications Session Border Controller as per <a href="#">Mobile Archive Restricted Use</a> terms.</p>
	Oracle Communications Session Border Controller, TSC – Network-Wide Tunnel Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Enables use of the TSCF protocol for the protection of signaling and media. A TSCF tunnel is a method of transport between a device running the TSCF SDK and the TSCF interface on the SBC, within which traffic such as VoIP can be encapsulated to provide for secure communications, robust firewall-traversal, simplified signaling and improved voice quality over lossy networks.</p> <p>This license also provides access to base Operating System and basic node management functions such as CLI (Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The following features are available with this license:</p> <p><b>ACP</b> (Acme Control Protocol) - Allows the system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).</p> <p><b>HA</b> (High Availability) - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object.</p> <p><b>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Acme Packet 4600, 6100, 6300, or 6350 platforms</li> </ul> <p>Not available on SBC-VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Entitles the use of TSC client Software Development Kit (SDK) in conjunction with the TSC function on the Oracle Communications Session Border Controller as per <a href="#">Mobile</a></p>

Product	Subproduct	Licensing Description
		<p><u>Archive Restricted Use</u> terms.</p>
	<p>Oracle Communications Session Border Controller, TSC – Single Server Tunnel Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables use of the TSCF protocol for the protection of signaling and media. A TSCF tunnel is a method of transport between a device running the TSCF SDK and the TSCF interface on the SBC, within which traffic such as VoIP can be encapsulated to provide for secure communications, robust firewall-traversal, simplified signaling and improved voice quality over lossy networks.</p> <p>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 the system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).</p> <p><b>HA</b> (High Availability) - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object.</p> <p><b>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 4600, 6100, 6300, or 6350 platforms</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric</li> </ul> <p>Not available on SBC-VNF</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Entitles the use of TSC client Software Development Kit (SDK) in conjunction with the TSC function on the Oracle Communications Session Border Controller as per <u>Mobile Archive Restricted Use</u> terms.</p>

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## Commercial Software

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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
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	Embedded SSH Client and Server – 5.1.1	Used under license from Mocana. All Rights Reserved.
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	ARTP/RTCP	Used under license from Radvision, All Rights Reserved
	ASN.1 Compiler Add-On for H.323 for Windows	Used under license from Radvision, All Rights Reserved
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		<p>this work.</p> <ol style="list-style-type: none"> <li>1. [1]Takao Abe &lt;takao_abe@xurb.jp&gt; Clock driver for JY receivers</li> <li>2. [2]Mark Andrews &lt;mark_andrews@isc.org&gt; Leitch atomic clock controller</li> <li>3. [3]Bernd Altmeier &lt;altmeier@atsoft.de&gt; hopf Elektronik serial line and PCI-bus devices</li> <li>4. [4]Viraj Bais &lt;vbais@mailman1.intel.com&gt; and [5]Clayton Kirkwood &lt;kirkwood@striderfm.intel.com&gt; port to WindowsNT 3.5</li> <li>5. [6]Michael Barone &lt;michael.barone@lmco.com&gt; GPSVME fixes</li> <li>6. [7]Karl Berry &lt;karl@owl.HQ.ileaf.com&gt; syslog to file option</li> <li>7. [8]Greg Brackley &lt;greg.brackley@bigfoot.com&gt; Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.</li> <li>8. [9]Marc Brett &lt;Marc.Brett@westgeo.com&gt; Magnavox GPS clock driver</li> <li>9. [10]Piete Brooks &lt;Piete.Brooks@cl.cam.ac.uk&gt; MSF clock driver, Trimble PARSE support</li> <li>10. [11]Nelson B Bolyard &lt;nelson@bolyard.me&gt; update and complete broadcast and crypto features in sntp</li> <li>11. [12]Jean-Francois Boudreault &lt;Jean-Francois.Boudreault@viagenie.qc.ca&gt; IPv6 support</li> <li>12. [13]Reg Clemens &lt;reg@dwf.com&gt; Oncore driver (Current maintainer)</li> <li>13. [14]Steve Clift &lt;clift@ml.csiro.au&gt; OMEGA clock driver</li> <li>14. [15]Casey Crellin &lt;casey@csc.co.za&gt; vxWorks (Tornado) port and help with target configuration</li> <li>15. [16]Sven Dietrich &lt;sven_dietrich@trimble.com&gt; Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.</li> <li>16. [17]John A. Dundas III &lt;dundas@salt.jpl.nasa.gov&gt; Apple A/UX port</li> <li>17. [18]Torsten Duwe &lt;duwe@immd4.informatik.uni-erlangen.de&gt; Linux port</li> <li>18. [19]Dennis Ferguson &lt;dennis@mrbill.canet.ca&gt; foundation code for NTP Version 2 as specified in RFC-1119</li> <li>19. [20]John Hay &lt;jhay@icomtek.csir.co.za&gt; IPv6 support and testing</li> <li>20. [21]Dave Hart &lt;davehart@davehart.com&gt; General maintenance, Windows port interpolation rewrite</li> <li>21. [22]Claas Hilbrecht &lt;neoclock4x@linum.com&gt; NeoClock4X clock driver</li> <li>22. [23]Glenn Hollinger &lt;glenn@herald.usask.ca&gt; GOES clock driver</li> <li>23. [24]Mike Iglesias &lt;iglesias@uci.edu&gt; DEC Alpha port</li> <li>24. [25]Jim Jagielski &lt;jim@jagubox.gsfc.nasa.gov&gt; A/UX port</li> <li>25. [26]Jeff Johnson &lt;jbj@chatham.usdesign.com&gt; massive prototyping overhaul</li> <li>26. [27]Hans Lambermont &lt;Hans.Lambermont@nl.origin-it.com&gt; or [28]&lt;H.Lambermont@chello.nl&gt; ntpswEEP</li> <li>27. [29]Poul-Henning Kamp &lt;phk@FreeBSD.ORG&gt; Oncore driver (Original author)</li> <li>28. [30]Frank Kardel [31]&lt;kardel (at) ntp (dot) org&gt; PARSE &lt;GENERIC&gt; driver (&gt;14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling</li> <li>29. [32]William L. Jones &lt;jones@hermes.chpc.utexas.edu&gt; RS/6000 AIX modifications, HPUX modifications</li> <li>30. [33]Dave Katz &lt;dkatz@cisco.com&gt; RS/6000 AIX port</li> <li>31. [34]Craig Leres &lt;leres@ee.lbl.gov&gt; 4.BSD port, ppsclock, Magnavox GPS clock driver</li> <li>32. [35]George Lindholm &lt;lindholm@ucs.ubc.ca&gt; SunOS 5.1 port</li> <li>33. [36]Louis A. Mamakos &lt;louie@ni.umd.edu&gt; MD5-based authentication</li> <li>34. [37]Lars H. Mathiesen &lt;thorinn@diku.dk&gt; adaptation of foundation code for Version 3 as specified in RFC-1305</li> <li>35. [38]Danny Mayer &lt;mayer@ntp.org&gt;Network I/O, Windows Port, Code Maintenance</li> <li>36. [39]David L. Mills &lt;mills@udel.edu&gt; Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG</li> </ol>

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		<p>37. [40]Wolfgang Moeller &lt;moeller@gwdgv1.dnet.gwdg.de&gt; VMS port  38. [41]Jeffrey Mogul &lt;mogul@pa.dec.com&gt; ntprtrace utility  39. [42]Tom Moore &lt;tmoore@fiemel.daytonoh.ncr.com&gt; i386 svr4 port  40. [43]Kamal A Mostafa &lt;kamal@whence.com&gt; SCO OpenServer port  41. [44]Derek Mulcahy &lt;derek@toybox.demon.co.uk&gt; and [45]Damon Hart-Davis &lt;d@hd.org&gt; ARCRON MSF clock driver  42. [46]Rob Neal &lt;neal@ntp.org&gt; Bancomm refclock and config/parse code maintenance  43. [47]Rainer Pruy &lt;Rainer.Pruy@informatik.uni-erlangen.de&gt; monitoring/trap scripts, statistics file handling  44. [48]Dirce Richards &lt;dirce@zk3.dec.com&gt; Digital UNIX V4.0 port  45. [49]Wilfredo Sánchez &lt;wsanchez@apple.com&gt; added support for NetInfo  46. [50]Nick Sayer &lt;mrapple@quack.kfu.com&gt; SunOS streams modules  47. [51]Jack Sasportas &lt;jack@innovativeinternet.com&gt; Saved a Lot of space on the stuff in the html/pic/ subdirectory  48. [52]Ray Schnitzler &lt;schnitz@unipress.com&gt; Unixware1 port  49. [53]Michael Shields &lt;shields@tembel.org&gt; USNO clock driver  50. [54]Jeff Steinman &lt;jss@pebbles.jpl.nasa.gov&gt; Datum PTS clock driver  51. [55]Harlan Stenn &lt;harlan@pfcs.com&gt; GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)  52. [56]Kenneth Stone &lt;ken@sdd.hp.com&gt; HP-UX port  53. [57]Ajit Thyagarajan &lt;ajit@ee.udel.edu&gt;IP multicast/anycast support  54. [58]Tomoaki TSURUOKA &lt;tsuruoka@nc.fukuoka-u.ac.jp&gt;TRAK clock driver  55. [59]Paul A Vixie &lt;vixie@vix.com&gt; TrueTime GPS driver, generic TrueTime clock driver  56. [60]Ulrich Windl &lt;Ulrich.Windl@rz.uni-regensburg.de&gt; corrected and validated HTML documents according to the HTML DTD</p> <hr/> <p>References</p> <ol style="list-style-type: none"> <li>1. mailto:%20takao_abe@xurb.jp</li> <li>2. mailto:%20mark_andrews@isc.org</li> <li>3. mailto:%20altmeier@atlssoft.de</li> <li>4. mailto:%20vbais@mailman1.intel.co</li> <li>5. mailto:%20kirkwood@striderfm.intel.com</li> <li>6. mailto:%20michael.barone@lmco.com</li> <li>7. mailto:%20karl@owl.HQ.ileaf.com</li> <li>8. mailto:%20greg.brackley@bigfoot.com</li> <li>9. mailto:%20Marc.Brett@westgeo.com</li> <li>10. mailto:%20Piete.Brooks@cl.cam.ac.uk</li> <li>11. mailto:%20nelson@bolyard.me</li> <li>12. mailto:%20Jean-Francois.Boudreault@viagenie.qc.ca</li> <li>13. mailto:%20reg@dwf.com</li> <li>14. mailto:%20cliff@ml.csiro.au</li> <li>15. mailto:casey@csc.co.za</li> <li>16. mailto:%20Sven_Dietrich@trimble.COM</li> <li>17. mailto:%20dundas@salt.jpl.nasa.gov</li> <li>18. mailto:%20duwe@immd4.informatik.uni-erlangen.de</li> <li>19. mailto:%20dennis@mrbill.canet.ca</li> <li>20. mailto:%20jhay@icomtek.csir.co.za</li> <li>21. mailto:%20davehart@davehart.com</li> <li>22. mailto:%20neoclock4x@linum.com</li> <li>23. mailto:%20glenn@herald.usask.ca</li> <li>24. mailto:%20iglesias@uci.edu</li> <li>25. mailto:%20jagubox.gsfc.nasa.gov</li> <li>26. mailto:%20bj@chatham.usdesign.com</li> <li>27. mailto:Hans.Lambermont@nl.origin-it.com</li> <li>28. mailto:H.Lambermont@chello.nl</li> </ol>

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