

**Oracle® Communications**

**Session Border Controller – SCZ740 - S-CZ7.4.0**

**Program Documentation – License Document**

December 2016

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Oracle Communications Session Border Controller – S-CZ7.4.0 – Licensing Notes

- Description of Product Editions and Permitted Features
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- Entitled Products and Restricted Use Licenses

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	Oracle Communications Session Border Controller – Network-Wide Concurrent Session Perpetual Metric	<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 and H.323 protocols combined. This feature license includes the capability to handle endpoint registrations (registration caching) and surrogate registrations.</p> <p>This license (available on a per network-wide concurrent session basis) also provides access to base Operating System and basic node management functions such as CLI (Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The 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. This feature is subject to export controls.</p> <p><b>H.323</b> - Enables H.323 functionality (response to/forward H.323 signaling messages and set up H.323 sessions based on system configuration). Allows configuration of H.323-related configuration objects.</p> <p><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> N/A</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b></p> <p>This license enables a number of concurrent transcoding sessions by Oracle Communications Session Border Controller (perpetual session capacity) for SIP protocol in a pooled transcoding configuration. A transcoding session license is consumed when an OCSBC operating in pooled transcoding configuration performs transcoding function for a single session.</p> <p>This feature license does not include royalty-bearing CODEC use which is licensed separately.</p> <p>This license (available on a per network-wide concurrent session basis) also provides access to base Operating System and basic node management functions such as CLI (Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The following features are available with this license.</p> <p><b>ACP</b> (Acme Control Protocol) - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).</p> <p><b>SIP</b> (Session Initiation Protocol) – Enables all SIP functionality on the Oracle Communications Session Border Controller, including IMS P-CSCF functionality.</p> <p><b>HA</b> (High Availability) - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object.</p> <p><b>Pre-requisite Products</b>  <b>N/A</b></p> <p><b>Entitled Products and Restricted Use Licenses</b>            This license only enables pooled transcoding function on OCSBC.</p>

Session Capacity Based Licenses

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Accounting – Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b>            Allows Oracle Communications Session Border Controller to create call accounting records using either Radius or Diameter (via the Rf interface), or by collecting the information in flat files that can be stored locally or pushed via FTP to an external server.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>
	Oracle Communications Session Border Controller, Accounting - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b>            Allows Oracle Communications Session Border Controller to create call accounting records using either Radius or Diameter (via the Rf interface), or by collecting the information in flat files that can be stored locally or pushed via FTP to an external server.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>



Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Routing - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<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 times, days of week, media profiles, and carrier elements.</p> <p>The following features are included in this license:</p> <ul style="list-style-type: none"> <li>• ENUM Database support</li> <li>• LRT (local route table)</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Routing - Network-Wide Concurrent Session Perpetual Metric	<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 times, days of week, media profiles, and carrier elements.</p> <p>The following features are included in this license:</p> <ul style="list-style-type: none"> <li>• ENUM Database support</li> <li>• LRT (local route table)</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>
	Oracle Communications Session Border Controller, Load balancing - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b>            Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Load Balancing Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Policy Server - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Allows configuration of a COPS (common open policy server)/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> <li>• External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF)</li> <li>• Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Policy Server - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Allows configuration of a COPS (common open policy server)/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> <li>• External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF)</li> <li>• Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Quality of Service - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> 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>• QoS capable hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Quality of Service - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b>            Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p> <p>This license requires an equal number of perpetual session capacity licenses.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• QoS capable hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR            Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR            Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR            Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>
	Oracle Communications Session Border Controller, IWF protocol - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b>            Enables Signaling Interworking (such as response to/forward SIP-H.323 signaling messages and set up SIP-H.323 sessions based on system configuration). Allows configuration of Interworking (IWF-related) configuration objects.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, IWF Protocol - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Enables Signaling Interworking (such as response to/forward SIP-H.323 signaling messages and set up SIP-H.323 sessions based on system configuration). Allows configuration of Interworking (IWF-related) configuration objects.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, IPv4-IPv6 Interworking - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, IPv4 to IPv6 Interworking - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, Government Security Certification - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Government Security Certification - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, SIPREC Session Recording - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>



Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, SIPREC Session Recording - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b>            Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>
	Oracle Communications Session Border Controller, IPsec Trunking - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b>            Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Encryption capable module and SSM2/SSM3 module installed AND</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR            Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, IPSec Trunking - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b>            Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Encryption capable module and SSM2/SSM3 module installed AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR              Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR              Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR              Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>
	Oracle Communications Session Border Controller, Lawful Intercept - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b>            Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses, and is only orderable in quantities that match ISO session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Lawful Intercept - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR</li> <li>• Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
<b>Session Based Licenses (orderable independent of session capacity Licenses)</b>		
	Oracle Communications Session Border Controller, SRTP - Integrated Software Option – Per 500 Concurrent Sessions* or Per 50 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> Enables SRTP (SDES) media encryption.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires non-QoS-restricted encryption hardware and SSM2/SSM3 module AND</li> <li>• Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>Requires ISO session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, SRTP – Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b> Enables SRTP (SDES) media encryption.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires non-QoS-restricted encryption hardware and SSM2/SSM3 module AND</li> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>Requires session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Border Controller, MSRP B2BUA - Integrated Software Option – Per 500 Concurrent Sessions* or 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>Requires Acme Packet 4500 (equipped with non-QoS-restricted ETC or ETC2 Network Interface Unit), 4600, 6100 or 6300 AND</li> <li>Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>Requires ISO session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, MSRP B2BUA - Network-Wide Concurrent Session Perpetual Metric	<p><b>Product Editions and Permitted Features</b>            Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4500 (equipped with non-QoS-restricted ETC or ETC2 Network Interface Unit), 4600, 6100 or 6300 AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR            Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR            Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR            Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>Requires session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>

Codec Licenses

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for transcoding module 2, EVRC – Per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Required in order to enable support for transcoding to and from EVRC codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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>

Product	Subproduct	Licensing Description
	Transcoding coder/decoder transcoding module 2, EVRCB – Per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Required in order to enable support for transcoding to and from EVRC-B codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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>

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for transcoding module 2, AMR-NB – Per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b>            AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR            Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR            Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR            Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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 transcoding module 2, Opus - Integrated Software Option - per Concurrent Session Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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 transcoding module 2, SILK - Integrated Software Option - per Concurrent Session Metric	<p><b>Product Editions and Permitted Features</b> SILK royalty license is required in order to enable support for transcoding to and from SILK codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for transcoding module 2, AMR-WB (G.722.2) – Per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b> AMR-WB royalty license is required to enable support for transcoding to and from the AMR-WB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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 Acme Packet 3820, AMR-NB- Integrated Software Option – Per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 3820 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for Acme Packet 3820, 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 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>• Requires Acme Packet 3820 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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 Acme Packet 4500, 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 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>• Requires Acme Packet 4500 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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>

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Acme Packet 4500, AMR-NB - Integrated Software Option – Per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b>            AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4500 with transcoding hardware AND</li> <li>• Oracle Communications Peering Session Border Controller – Network-Wide Concurrent Session Perpetual Metric OR            Oracle Communications Session Border Controller – Network-wide Concurrent Session Perpetual Metric OR            Oracle Communications Peering Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric OR            Oracle Communications Session Border Controller – Integrated Software Option – Per 500 or 50 Concurrent Sessions Metric</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>
<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>            Enables IMS-AKA framework use for authentication and for securing the signaling path between UE and the Oracle Communications Session Border Controller across the Gm interface on the access network.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6100, or 6300 with non-QoS-restricted encryption hardware. AND</li> <li>• Requires ISO non-peering session capacity licenses</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b>            N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, IMS-AKA – Network-Wide Endpoint Perpetual 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>• Requires non-peering session capacity licenses</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
<b>Tunnels Based Licenses (available in tunnel units)</b>		
	Oracle Communications Session Border Controller, TSC - Integrated Software Option - per 100 Tunnels Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables use of the TSCF protocol for the protection of signaling and media. A TSCF tunnel is a method of transport between a device running the TSCF SDK with the TSCF interface on the SBC within which traffic such as VoIP can be encapsulated to provide for secure communications, robust firewall-traversal, simplified signaling and improved voice quality over lossy networks.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600, 6100 or 6300 AND</li> <li>• Requires Oracle Communications Session Border Controller (base fee) – Integrated Software Option – Per Server Metric</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>Entitles the use of TSC client Software Development Kit (SDK) in conjunction with the TSC function on the Oracle Communications Session Border Controller as per <a href="#">Mobile Archive Restricted Use</a> terms.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, TSC – Network-Wide Tunnel Perpetual Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables use of the TSCF protocol for the protection of signaling and media.</p> <p>A TSCF tunnel is a method of transport between a device running the TSCF SDK with the TSCF interface on the SBC within which traffic such as VoIP can be encapsulated to provide for secure communications, robust firewall-traversal, simplified signaling and improved voice quality over lossy networks.</p> <p>This license also provides access to base Operating System and basic node management functions such as CLI (Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The following features are available with this license:</p> <p><b>ACP (Acme Control Protocol)</b> - Allows the system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).</p> <p><b>HA (High Availability)</b> - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600, 6100 or 6300</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>

\*Per 500 Concurrent Sessions license metric is no longer offered for sale.

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3. Compile, complete, and sign the integrated Mobile Archive with your own mobile operating system-specific certificate(s), thereby creating a signed mobile application (“Mobile Application”); and
4. Distribute the Mobile Application within your enterprise or entity to your internal users and/or to your third party end users (“End Users”). You may not distribute the Mobile Archive to End Users.

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Any Mobile Application distribution to End Users must be subject to a legally binding end user license agreement (the “EULA”) between you and each End User pertaining to the Mobile Application that must, at a minimum, contain the following terms:

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  - (i) you are solely responsible for each Mobile Application’s content, maintenance, and support; and
  - (ii) you are solely responsible for addressing, settling, and discharging any claims of the End User or any third party relating to the Mobile Application or the End User’s possession and/or use of that Mobile Application, including, but not limited to product liability claims; any claim that the Mobile Application fails to conform to any applicable legal or regulatory requirement; any claims arising under consumer protection or similar legislation; and any claims that the End User’s possession and use of that Mobile Application infringes a third party’s intellectual property rights;
- (b) Provide only a non-transferable, terminable license to the End User that prohibits (i) modifying or creating derivative works or (ii) decrypting, decompiling, reverse engineering, disassembling or attempting to derive the Mobile Application source code (unless such actions are expressly permitted by applicable law);
- (c) Notify the End User that the Mobile Application is subject to a restricted license and can be used only in conjunction with the specific Oracle-based solution(s) for which it is designed;
- (d) Provide no limitation of your liability to the End User beyond what is permitted by applicable law;



(e) Require the End User to comply fully with all relevant export laws and regulations of the U.S. and other applicable export and import laws to assure that the Mobile Application, nor any direct products thereof, is exported, directly or indirectly, in violation of applicable laws;

(f) State in the EULA your name and address to which any End User questions, complaints or claims with respect to the Mobile Application can be directed;

(g) State in the EULA that the End User must comply with applicable third-party terms when using the Mobile Application and that third-party components that may be appropriate or necessary for use with the Mobile Application are specified in the documentation for that program (or as otherwise notified by you) and that those third party components are licensed to the End User only for use with the Mobile Application under the terms of the third party license agreement specified in the documentation for that program (or as otherwise notified by you) and not under the terms of the EULA;

(h) State that the licenses provided in the EULA automatically terminate upon breach of the EULA terms and in addition that the licenses provided in the EULA may be terminated upon notice;

(i) State that upon termination of the EULA the End User must discontinue all use of the Mobile Application and to delete all copies of the Mobile Application;

(j) Disclaim in the EULA, to the extent permitted by applicable law, a third party's liability for (a) any damages, whether direct, indirect, incidental, special, punitive or consequential, and (b) any loss of profits, revenue, data or data use, arising from use of the Mobile Application;

(k) Designate Oracle as a third party beneficiary. Oracle will have the right to enforce the EULA against the End Users; and

(l) State that your licensors retain all ownership and intellectual property rights in the Mobile Application.

You agree to inform Oracle promptly if you are aware of any breach of the EULA. You agree to be financially responsible to Oracle for all damages or losses caused by your failure to include the required contractual terms set forth above in each EULA between you and an End User.

# Third-Party Commercial and Open Source Software

## Commercial Software

Commercial software used in Oracle Communications Session Border Controller – S-CZ7.4.0 is identified in the following table with the following license notes, restrictions, and disclaimers.

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Broadcom	SDK – 3.2.2	Used under license from Broadcom Corporation, All Rights Reserved.
Cavium	SDK - 2.2.0 build 82 (SDK 1.10.1)	Used under license from Cavium Networks, All Rights Reserved
	u-boot – 1.1.1 (4 <sup>th</sup> party of Cavium)	GPL 2.0 - See APPENDIX B
Embedthis	Embedthis APPweb Software – 3.4.2	Used under license from Embedthis, All Rights Reserved.
	PCRE (4 <sup>th</sup> party of Embedthis)	Perl Regular Expressions. Portions of the Perl Regular Expression Library (pcre) are used. These are covered by the PCRE license. [PCRE license is listed separately below]

Vendor	Product(s) and Version(s)	Licensing Description/Disclaimer
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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```
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Version 2, June 1991

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```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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## 3.0)

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Version 3, 29 June 2007

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