Oracle® Communications
Session Border Controller – S-Cz8.2.0

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Product	Subproduct	Licensing Description
		admission control) failures. IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide. National Emergency Services (NSEP) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures. Prerequisite Products Acme Packet 3900, 4600, 6100, 6300 or 6350 platform Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features 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. Pre-requisite Products Oracle Communications Session Border Controller (base fee) — Integrated Software Option — per Server Metric Entitled Products and Restricted Use Licenses N/A
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	Oracle Communications Transcoding Session Border Controller – Integrated Software	Product Editions and Permitted Features This license enables a number of concurrent transcoding sessions by Oracle Communications Session Border Controller (ISO session capacity) for SIP protocol in a pooled

Product	Subproduct	Licensing Description
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		SIP (Session Initiation Protocol) – Enables all SIP functionality including IMS P-CSCF functionality.
		TLS (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol. <u>Exceptions</u> : Not applicable to SBC VNF. Requires separate TLS license.
		HA (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.
		DOS – Enables Denial of Service protection functionality that protects network infrastructure, including the SBC, by

Product	Subproduct	Licensing Description
		providing signaling and media traffic attack detection and policing, and static and dynamic access control. IDS (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. IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide. National Emergency Services (NSEP) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures. Pre-requisite Products Acme Packet 3900, 4600, 6100, 6300, or 6350 platform (if license was purchased before Dec. 4th, 2018) OR Supported virtualized platform Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Peering Session Border Controller – Network- Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. 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: ACP (Acme Control Protocol) - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite). SIP (Session Initiation Protocol) - Enables all SIP functionality including IMS P-CSCF functionality. TLS (Transport Layer Security) - This feature enables cryptographic security for the SIP protocol. Exceptions: Not applicable to SBC VNF. Requires separate

Product	Subproduct	Licensing Description
		TLS license. HA (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.
		DOS – 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.
		IDS (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.
		IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.
		National Emergency Services (NSEP) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures.
		Pre-requisite Products
		Acme Packet 3900, 4600, 6100, 6300, or 6350 platform (if license was purchased before Dec. 4 th , 2018) OR
		Supported virtualized platform
		Entitled Products and Restricted Use Licenses
		This license is only applicable to peering (interconnect) Session Border Controller configurations.
	Oracle Communications	Product Editions and Permitted Features
	Transcoding Session Border Controller – Network-Wide Concurrent Session Perpetual Metric	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.
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		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

Product	Subproduct	Licensing Description
		SNMP (Simple Network Management Protocol). The following features are available with this license: ACP (Acme Control Protocol) - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite). SIP (Session Initiation Protocol) – Enables all SIP functionality on the Oracle Communications Session Border Controller, including IMS P-CSCF functionality. TLS (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol. Exceptions: Not applicable to SBC VNF. Requires separate TLS license. HA (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. Pre-requisite Products Acme Packet 4600, 6300, or 6350 platform with transcoding module(s) Entitled Products and Restricted Use Licenses This license is only applicable to pooled transcoding Session Border Controller configurations.
	Oracle Communications Session Border Controller – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. 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: ACP (Acme Control Protocol) - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite). SIP (Session Initiation Protocol) - Enables all SIP functionality including IMS P-CSCF functionality. TLS (Transport Layer Security) - This feature enables cryptographic security for the SIP protocol.

Product	Subproduct	Licensing Description
		<u>Exceptions</u> : Not applicable to SBC VNF. Requires separate TLS license.
		HA (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.
		DOS – 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.
		IDS (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.
		IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.
		National Emergency Services (NSEP) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures.
		Pre-requisite Products
		Acme Packet 3900, 4600, 6100, 6300, or 6350 platform (AND Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric for platforms acquired after Dec. 4 th , 2018) OR
		Supported virtualized platform
		Entitled Products and Restricted Use Licenses
		N/A
	Oracle Communications	Product Editions and Permitted Features
	Peering Session Border Controller – Single Server Concurrent Session Perpetual Metric	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.
		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

Product	Subproduct	Licensing Description
		SNMP (Simple Network Management Protocol). The following features are available with this license: ACP (Acme Control Protocol) - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle
		Communications Session Delivery Management Suite). SIP (Session Initiation Protocol) – Enables all SIP functionality including IMS P-CSCF functionality. TLS (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol. Exceptions: Not applicable to SBC VNF. Requires separate
		TLS license. HA (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.
		DOS – 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.
		IDS (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.
		IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.
		National Emergency Services (NSEP) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures.
		Pre-requisite Products
		Acme Packet 3900, 4600, 6100, 6300, or 6350 platform (AND Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric for platforms acquired after Dec. 4 th , 2018)
		OR
		Supported virtualized platform
		Entitled Products and Restricted Use Licenses
		This license is only applicable to peering (interconnect) Session Border Controller configuration.

Product	Subproduct	Licensing Description
	Oracle Communications Transcoding Session Border Controller – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. This feature license does not include royalty-bearing CODEC
		use which is licensed separately. 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:
		ACP (Acme Control Protocol) - Allows Oracle Communications Session Border Controller system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).
		SIP (Session Initiation Protocol) – Enables all SIP functionality on the Oracle Communications Session Border Controller, including IMS P-CSCF functionality.
		TLS (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol. <u>Exceptions</u> : Not applicable to SBC VNF. Requires separate TLS license.
		HA (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.
		Pre-requisite Products
		 Acme Packet 4600, 6300, or 6350 platform with transcoding module(s) (AND Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric for platforms acquired after Dec. 4th, 2018)
		Entitled Products and Restricted Use Licenses
		This license is only applicable to pooled transcoding Session Border Controller configurations.
	Session Ca	apacity Based Licenses

Product	Subproduct	Licensing Description
Oracle Communications Session Border Controller, Accounting – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features 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.	
		Pre-requisite Products Oracle Communications Session Border Controller – Integrated Software Option session capacity OR Oracle Communications Peering Session Border
		Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses.
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Accounting – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Accounting – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.

Product	Subproduct	Licensing Description
		Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Bidirectional Forwarding Detection – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables the use of BFD protocol as an alternate High Availability mechanism on the SBC. Pre-requisite Products Oracle Communications Session Border Controller — Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller — Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Bidirectional Forwarding Detection – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables the use of BFD protocol as an alternate High Availability mechanism on the SBC. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border	Product Editions and Permitted Features Enables the use of BFD protocol as an alternate High

Product	Subproduct	Licensing Description
	Controller, Bidirectional Forwarding Detection – Single Server Concurrent Session Perpetual Metric	Availability mechanism on the SBC. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller
		session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses.
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Core Features – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features The following features are available with this license: Accounting – 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 stored locally or pushed via FTP to an external server. Load Balancing – Allows configuration and use of Session Agent Groups in order to perform sophisticated load
		balancing of traffic across core network elements. QoS – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.
		Routing – 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.
		The following features are included in this license: • ENUM Database support • LRT (local route table)
		Pre-requisite Products Oracle Communications Session Border Controller – Integrated Software Option session capacity OR
		Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses.

Product	Subproduct	Licensing Description
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Core Features – Network- Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features The following features are available with this license: Accounting – 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 stored locally or pushed via FTP to an external server. Load Balancing – Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements. QoS – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media. Routing – 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. The following features are included in this license: ENUM Database support ERT (local route table) Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Core Features – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features The following features are available with this license: Accounting – 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 stored locally or pushed via FTP to an external server. Load Balancing – Allows configuration and use of Session Agent Groups in order to perform sophisticated load

Product	Subproduct	Licensing Description
		balancing of traffic across core network elements. QoS – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media. Routing – 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. The following features are included in this license: • ENUM Database support • LRT (local route table) Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products • Oracle Communications Session Border Controller session capacity OR • Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses
	Oracle Communications Session Border Controller, Government Security Certification – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users. Pre-requisite Products Oracle Communications Session Border Controller – Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications	Product Editions and Permitted Features

Product	Subproduct	Licensing Description
	Session Border Controller, Government Security Certification – Network-Wide Concurrent Session Perpetual Metric	Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Government Security Certification – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Hardware- Assisted Transcoding – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables the use of 3 rd party DSP-based PCle card for hardware accelerated transcoding in a virtual SBC instance. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses, and the appropriate ISO codec licenses (as

Product	Subproduct	Licensing Description
		required) Entitled Products and Restricted Use Licenses This license is only applicable to SBC VNF
	Oracle Communications Session Border Controller, Hardware- Assisted Transcoding – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables the use of 3 rd party DSP-based PCle 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. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses, and the appropriate ISO codec licenses (as required) Entitled Products and Restricted Use Licenses This license is only applicable to SBC VNF
	Oracle Communications Session Border Controller, IPsec Trunking – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media. Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 or virtualized platforms) AND Oracle Communications Session Border Controller – Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, IPSec	Product Editions and Permitted Features Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.

Product	Subproduct	Licensing Description
	Trunking – Network- Wide Concurrent Session Perpetual Metric	Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 or virtualized platforms) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, IPSec Trunking – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 or virtualized platforms) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, IPv4-IPv6 Interworking – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present. Pre-requisite Products Oracle Communications Session Border Controller —

Product	Subproduct	Licensing Description
		Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses
	Oracle Communications Session Border Controller, IPv4 to IPv6 Interworking – Network- Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, IPv4 to IPv6 Interworking – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications	Product Editions and Permitted Features

Product	Subproduct	Licensing Description
Oracle Corsession Bo Controller, Intercept - Wide Consession Per Controller, Intercept - Wide Controller, Intercept - Concurrent Con	Session Border Controller, Lawful Intercept – Integrated Software Option – per 50 Concurrent Sessions Metric	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. Pre-requisite Products Oracle Communications Session Border Controller — Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller — Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Lawful Intercept – Network- Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Lawful Intercept – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity

Product	Subproduct	Licensing Description
		This license requires an equal number of session capacity licenses.
		N/A Restricted Use Licenses
	Oracle Communications Session Border Controller, Load balancing – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements. Pre-requisite Products Oracle Communications Session Border Controller — Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller — Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses.
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Load Balancing – Network- Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Load Balancing – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.

Product	Subproduct	Licensing Description
		Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Policy Server – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features 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: • External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF) • Location Information queries to a Connectivity Location Function (CLF).
		Pre-requisite Products Oracle Communications Session Border Controller — Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller — Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Policy Server – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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: • External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF) • Location Information queries to a Connectivity Location Function (CLF). Pre-requisite Products • Oracle Communications Session Border Controller

Product	Subproduct	Licensing Description
		session capacity OR • Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Policy Server – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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: • External Bandwidth Management/ Call Admission Control towards a Policy Server (RACF/PCRF) • Location Information queries to a Connectivity Location Function (CLF). Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products • Oracle Communications Session Border Controller session capacity OR • Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Quality of Service – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media. Pre-requisite Products Oracle Communications Session Border Controller – Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses.

Product	Subproduct	Licensing Description
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Quality of Service – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Quality of Service – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, REST API for 3rd-Party Use – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables automated configuration management of the SBC from 3 rd party (i.e. non Oracle) management applications and services. Pre-requisite Products Oracle Communications Session Border Controller – Integrated Software Option session capacity OR

Product	Subproduct	Licensing Description
		Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, REST API for 3 rd -Party Use – Network- Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables automated configuration management of the SBC from 3 rd party (i.e. non Oracle) management applications and services. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, REST API for 3 rd -Party Use – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables automated configuration management of the SBC from 3 rd party (i.e. non Oracle) management applications and services. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border	Product Editions and Permitted Features Enables configuration and use of routing (local policy)

Product	Subproduct	Licensing Description
	Controller, Routing – Integrated Software Option – per 50 Concurrent Sessions Metric	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. The following features are included in this license: • ENUM Database support • LRT (local route table) Pre-requisite Products • Oracle Communications Session Border Controller – Integrated Software Option session capacity OR • Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Routing – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. The following features are included in this license: • ENUM Database support • LRT (local route table) Pre-requisite Products • Oracle Communications Session Border Controller session capacity OR • Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Routing – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. The following features are included in this license:

Product	Subproduct	Licensing Description
rroduct	Oracle Communications Session Border Controller, SIPREC	 ENUM Database support LRT (local route table) Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features Enables session replication for recording, which helps call
	Session Recording – Integrated Software Option – per 50 Concurrent Sessions Metric	centers record the signaling and media packets associated with their calls. This license is NOT available to French customers subject to the R226 regulations Pre-requisite Products Oracle Communications Session Border Controller – Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SIPREC Session Recording –	Product Editions and Permitted Features Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls.

Product	Subproduct	Licensing Description
Product	Network-Wide Concurrent Session Perpetual Metric Oracle Communications Session Border Controller, SIPREC Session Recording — Single Server Concurrent Session Perpetual Metric	This license is NOT available to French customers subject to the R226 regulations Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls. This license is NOT available to French customers subject to the R226 regulations Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses.
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SIPREC Session Recording for French Territories — Integrated Software Option — per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls. This license is only applicable to French customers subject to the R226 regulations Pre-requisite Products Oracle Communications Session Border Controller — Integrated Software Option session capacity OR

Product	Subproduct	Licensing Description
		Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SIPREC Session Recording for French Territories – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls. This license is only applicable to French customers subject to the R226 regulations Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SIPREC Session Recording for French Territories – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls. This license is only applicable to French customers subject to the R226 regulations Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses

Product	Subproduct	Licensing Description
		N/A
	Oracle Communications Session Border Controller, Transport Layer Security (TLS) – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables the use of TLS for encryption of SIP signaling for virtual SBCs Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses This license is only applicable to SBC VNF
	Oracle Communications Session Border Controller, Transport Layer Security (TLS) – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables the use of TLS for encryption of SIP signaling for virtual SBCs Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses This license is only applicable to SBC VNF
Ses	sion Based Licenses (orderab	ole independent of session capacity licenses)
	Oracle Communications Session Border Controller, MSRP B2BUA – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality. Pre-requisite Products • Acme Packet 4600, 6100, 6300, or 6350 platform AND • Oracle Communications Session Border Controller —

Product	Subproduct	Licensing Description
		Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity Entitled Products and Restricted Use Licenses Not available on Acme Packet 3900
	Oracle Communications Session Border Controller, MSRP B2BUA – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality. Pre-requisite Products Acme Packet 4600, 6100, 6300, or 6350 platform AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity Entitled Products and Restricted Use Licenses Not available on Acme Packet 3900 N/A
	Oracle Communications Session Border Controller, MSRP B2BUA – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. Pre-requisite Products • Acme Packet 4600, 6100, 6300, or 6350 platform AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity Entitled Products and Restricted Use Licenses Not available on Acme Packet 3900
	Oracle Communications Session Border Controller, SRTP –	Product Editions and Permitted Features Enables SRTP (SDES) media encryption.

Product	Subproduct	Licensing Description
	Integrated Software Option – per 50 Concurrent Sessions Metric	Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 or virtualized platforms) AND Oracle Communications Session Border Controller – Integrated Software Option session capacity OR Oracle Communications Peering Session Border Controller – Integrated Software Option session capacity Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SRTP – Network-Wide Concurrent Session Perpetual Metric	Product Editions and Permitted Features Enables SRTP (SDES) media encryption. Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 or virtualized platforms) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SRTP – Single Server Concurrent Session Perpetual Metric	Product Editions and Permitted Features 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. Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900 or virtualized platforms) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border

Product	Subproduct	Licensing Description
		Controller session capacity Entitled Products and Restricted Use Licenses N/A
	C	odec Licenses
	Transcoding coder/decoder for transcoding module 2, AMR-NB – Integrated Software Option - per 25 Concurrent Sessions Metric	Product Editions and Permitted Features AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec. Pre-requisite Products • Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB – 25 Concurrent Sessions Perpetual	Product Editions and Permitted Features AMR-NB license is required in order to enable support for software transcoding to and from AMR-NB codec. Pre-requisite Products Supported virtualized platform AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity

Product	Subproduct	Licensing Description
		Requires an equal or greater number of session capacity licenses Not available on Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB - Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec. Pre-requisite Products • Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB – Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity

Product	Subproduct	Licensing Description
		licenses Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-NB – Single Server Concurrent Session Perpetual	Product Editions and Permitted Features AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for transcoding module 2, AMR-WB (G.722.2) – Integrated Software Option - per 25 Concurrent Sessions Metric	Product Editions and Permitted Features AMR-WB royalty license is required to enable support for transcoding to and from the AMR-WB codec. Pre-requisite Products • Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) – 25 Concurrent Sessions Perpetual	Product Editions and Permitted Features AMR-WB license is required in order to enable support for software transcoding to and from AMR-WB codec. Pre-requisite Products • Supported virtualized platform AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) - Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec. Pre-requisite Products • Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) – Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, AMR-WB (G.722.2) – Single Server Concurrent Session Perpetual	Product Editions and Permitted Features AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for transcoding module 2, EVRC – Integrated Software Option - per 25 Concurrent Sessions Metric	Product Editions and Permitted Features Required in order to enable support for transcoding to and from EVRC codec. Pre-requisite Products Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND

Product	Subproduct	Licensing Description
	Transcoding coder/decoder transcoding module 2, EVRCB – Integrated Software Option - per 25 Concurrent Sessions Metric	Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features Required in order to enable support for transcoding to and from EVRC-B codec. Pre-requisite Products • Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS – 25 Concurrent Sessions Perpetual	Product Editions and Permitted Features EVS license is required in order to enable support for software transcoding to and from EVS codec. Pre-requisite Products • Supported virtualized platform AND

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for transcoding module 2, EVS – Integrated Software Option – per Concurrent Session Metric	Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features EVS royalty license is required in order to enable support for transcoding to and from EVS codec. Pre-requisite Products • Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS - Integrated Software Option – per 50	Product Editions and Permitted Features EVS royalty license is required in order to enable support for transcoding to and from EVS codec. Pre-requisite Products Acme Packet 3900, 4600, 6300, or 6350 with

Product	Subproduct	Licensing Description
Troduct .	Concurrent Sessions Metric Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS — Network-Wide Concurrent Session Perpetual	transcoding module(s) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features EVS royalty license is required in order to enable support for transcoding to and from EVS codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity
Session Border		OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A
	coder/decoder for Oracle Communications Session Border Controller, EVS – Single Server Concurrent	Product Editions and Permitted Features EVS royalty license is required in order to enable support for transcoding to and from EVS codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for transcoding module 2, Opus – Integrated Software Option – per Concurrent Session Metric	Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features Opus royalty license is required in order to enable support for transcoding to and from Opus codec. Pre-requisite Products Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus – 25 Concurrent Sessions Perpetual	Product Editions and Permitted Features Opus license is required in order to enable support for software transcoding to and from Opus codec. Pre-requisite Products • Supported virtualized platform AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus - Integrated Software Option – per 50 Concurrent Sessions Metric	OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on Acme Packet 3900, 4600, 6300, and 6350 platforms. Only available for SBC VNF Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features Opus royalty license is required in order to enable support for transcoding to and from Opus codec. Pre-requisite Products Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses
	Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus – Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features Opus royalty license is required in order to enable support for transcoding to and from Opus codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus – Single Server Concurrent Session Perpetual	Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A Product Editions and Permitted Features Opus royalty license is required in order to enable support for transcoding to and from Opus codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses
	Transcoding coder/decoder for transcoding module 2, SILK – Integrated Software Option – per Concurrent Session Metric	Product Editions and Permitted Features SILK royalty license is required in order to enable support for transcoding to and from SILK codec. Pre-requisite Products Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses

Product	Subproduct	Licensing Description
		Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, SILK - Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features SILK royalty license is required in order to enable support for transcoding to and from SILK codec. Pre-requisite Products • Acme Packet 3900, 4600, 6300, or 6350 with transcoding module(s) AND • Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Not available on SBC VNF Entitled Products and Restricted Use Licenses N/A
	Transcoding coder/decoder for Oracle Communications Session Border Controller, SILK – Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features SILK royalty license is required in order to enable support for transcoding to and from SILK codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, SILK – Single Server Concurrent Session Perpetual	Product Editions and Permitted Features SILK royalty license is required in order to enable support for transcoding to and from SILK codec. Pre-requisite Products Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity OR Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Endpoints Based Lice	enses (available in endpoint units)
	Oracle Communications Session Border Controller, IMS-AKA – Integrated Software Option – per 5K Endpoints Metric	Product Editions and Permitted Features 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. Pre-requisite Products Acme Packet 4600, 6100, 6300, or 6350 platforms AND Oracle Communications Session Border Controller — Integrated Software Option session capacity Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, IMS-AKA – Network-Wide Endpoint Perpetual Metric	Product Editions and Permitted Features 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. Pre-requisite Products Acme Packet 4600, 6100, 6300, or 6350 platforms (if license was purchased before Dec. 4 th , 2018) OR supported virtualized platform

Product	Subproduct	Licensing Description
		Oracle Communications Session Border Controller session capacity Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, IMS-AKA – Single Server Endpoint Perpetual Metric	Product Editions and Permitted Features 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. Pre-requisite Products Acme Packet 4600, 6100, 6300, or 6350 platforms, OR supported virtualized platform AND Oracle Communications Session Border Controller session capacity Entitled Products and Restricted Use Licenses
	- L 0 - L 1	N/A
	Tunnels Based Lice	enses (available in tunnel units)
	Oracle Communications Session Border Controller, TSC – Integrated Software Option – per 100 Tunnels Metric	Product Editions and Permitted Features 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.
		Pre-requisite Products
		 Acme Packet 4600, 6100, 6300, or 6350 platforms AND Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric
		Entitled Products and Restricted Use Licenses 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 Mobile Archive Restricted Use terms.

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, TSC — Network-Wide Tunnel Perpetual Metric	Product Editions and Permitted Features 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. 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: ACP (Acme Control Protocol) - Allows the system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite). HA (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. TLS (Transport Layer Security) — This feature enables cryptographic security for the SIP protocol. Pre-requisite Products Acme Packet 4600, 6100, 6300, or 6350 platforms (if license was purchased before Dec. 4th, 2018) Not available on SBC-VNF Entitled Products and Restricted Use Licenses 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 Mobile Archive Restricted Use terms. N/A
	Oracle Communications Session Border Controller, TSC – Single Server Tunnel Perpetual Metric	Product Editions and Permitted Features 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. 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

Product	Subproduct	Licensing Description
		(Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The following features are available with this license: ACP (Acme Control Protocol) - Allows the system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).
		HA (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.
		TLS (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol.
		Pre-requisite Products
		• Acme Packet 4600, 6100, 6300, or 6350 platforms AND
		Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric (applicable only for Acme Packet 4600, 6100, 6300, or 6350 platforms acquired after Dec. 4 th , 2018)
		Not available on SBC-VNF
		Entitled Products and Restricted Use Licenses
		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 Mobile Archive Restricted Use terms.

Third-Party Commercial and Open Source Software

Commercial Software

Commercial software used in Oracle Communications Session Border Controller – S-CZ8.2.0 is identified in the following table with the following license notes, restrictions, and disclaimers.

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		* * djb's sample implementation of curve25519 is written in a special assembly * language called qhasm and uses the floating point registers.
		* * This is, almost, a clean room reimplementation from the curve25519 paper. It * uses many of the tricks described therein. Only the crecip function is taken * from the sample implementation. */
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- 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.
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Version 2, June 1991

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Version 3, 29 June 2007

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