Oracle® Communications
Session Border Controller – S-Cz9.1.0

Program Documentation – License Document

August 2024

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Product	Subproduct	Licensing Description
Oracle Communications Session Border Controller	Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric	Product Editions and Permitted Features This license (available on a per server basis) provides access to base Operating System and basic node management functions such as CLI (Command Line Interface), FTP (file transfer protocol) and SNMP (Simple Network Management Protocol). The following features are available with the base license:
		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.
		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

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.
		IPFIX interface – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.
		Prerequisite Products
		Acme Packet 3900, 3950, 4900, 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
	Oracle Communications	Product Editions and Permitted Features
	Peering Session Border Controller – Integrated Software Option – per 50 Concurrent Sessions Metric	This license enables a number of concurrent peering sessions by Oracle Communications Session Border Controller (ISO session capacity) for SIP. This feature license does not include the capability to handle endpoint registrations (registration caching) or surrogate registrations.
		Pre-requisite Products
		Oracle Communications Session Border Controller (base fee) – Integrated Software Option – per Server Metric
		Entitled Products and Restricted Use Licenses
		This license is only applicable to peering (interconnect)

Product	Subproduct	Licensing Description
		Session Border Controller configuration.
	Oracle Communications Transcoding Session Border Controller - Integrated Software Option - per 50 Concurrent Sessions Metric	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 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. 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 Entitled Products and Restricted Use Licenses This license is only applicable to pooled transcoding Session Border Controller configurations.
	Oracle Communications Session Border Controller – Network- Wide Concurrent Session Perpetual	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. 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 TLS license.

Product	Subproduct	Licensing Description
		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.
		IPFIX interface – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.
		 Pre-requisite Products Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform OR
		Supported virtualized platform
		Entitled Products and Restricted Use Licenses
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	Oracle Communications	Product Editions and Permitted Features
	Peering Session Border Controller – Network- Wide Concurrent Session Perpetual	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

Product	Subproduct	Licensing Description
		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. <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.
		IPFIX interface – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.
		Pre-requisite Products
		• Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform
		OR
		Supported virtualized platform
		Entitled Products and Restricted Use Licenses
		This license is only applicable to peering (interconnect) Session Border Controller configurations.

Product	Subproduct	Licensing Description
	Oracle Communications Transcoding Session Border Controller - Network-Wide Concurrent Session Perpetual	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. 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 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) Entitled Products and Restricted Use Licenses This license is only applicable to pooled transcoding Session
	Oracle Communications Session Border Controller – Single Server Concurrent Session Perpetual	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

Product	Subproduct	Licensing Description
		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. <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.
		IPFIX interface – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.
		Pre-requisite Products
		 Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform
		OR

Product	Subproduct	Licensing Description
		Supported virtualized platform Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Peering Session Border Controller - Single Server Concurrent Session Perpetual	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. 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. 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 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

Product	Subproduct	Licensing Description
		Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures. IPFIX interface – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.
		Pre-requisite Products
		Acme Packet 3900, 3950, 4900, 4600, 6100, 6300, or 6350 platform
		OR
		Supported virtualized platform
		Entitled Products and Restricted Use Licenses
		This license is only applicable to peering (interconnect) Session Border Controller configuration.
	Oracle Communications	Product Editions and Permitted Features
	Transcoding Session Border Controller - Single Server Concurrent Session Perpetual	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.

Product	Subproduct	Licensing Description
		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.
	Session C	apacity Based Licenses
	Oracle Communications	Product Editions and Permitted Features
	Session Border Controller, Accounting – Integrated Software Option – per 50 Concurrent Sessions	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.
	Metric	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
Session Border Controller, Accounting – Network-Wide Concurrent Session Perpetual	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

Product	Subproduct	Licensing Description
		licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Accounting – Single Server Concurrent Session Perpetual	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. 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, Advanced Media Termination - Integrated Software Option - per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables support for handling RTC media, via the following features: • RTP / RTCP multiplexing (per RFC 5761) • ICE lite (per RFC 5245) • STUN 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, Advanced Media Termination - Network-Wide Concurrent Session Perpetual	Enables support for terminating RTC media, via the following features: • RTP / RTCP multiplexing (per RFC 5761) • ICE lite (per RFC 5245) • STUN 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, Advanced Media Termination - Single Server Concurrent Session Perpetual	Product Editions and Permitted Features Enables support for terminating RTC media, via the following features: • RTP / RTCP multiplexing (per RFC 5761) • ICE lite (per RFC 5245) • STUN 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, Bidirectional Forwarding Detection – Integrated Software Option – per 50	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 –
	Concurrent Sessions	Integrated Software Option session capacity

Product	Subproduct	Licensing Description
	Metric	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	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 Controller, Bidirectional Forwarding Detection - Single Server Concurrent Session Perpetual	Product Editions and Permitted Features Enables the use of BFD protocol as an alternate High 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	Product Editions and Permitted Features The following features are available with this license: Accounting – Allows the creation of call accounting records

Product	Subproduct	Licensing Description
	Software Option – per 50 Concurrent Sessions Metric	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.
		Entitled Products and Restricted Use Licenses
		N/A
	Oracle Communications	Product Editions and Permitted Features
	Session Border	The following features are available with this license:
	Controller, Core Features – Network- Wide Concurrent Session Perpetual	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

Product	Subproduct	Licensing Description
		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	Product Editions and Permitted Features
	Session Border	The following features are available with this license:
	Controller, Core Features - Single Server Concurrent Session Perpetual	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)
		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

Product	Subproduct	Licensing Description
		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 – 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 Session Border Controller, Government Security Certification - Network-Wide Concurrent Session Perpetual	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 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	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.

Product	Subproduct	Licensing Description
	Session Perpetual	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-	Product Editions and Permitted Features Enables the use of 3 rd party DSP-based PCIe card for hardware accelerated transcoding in a virtual SBC instance.
	Assisted Transcoding – Network-Wide	Pre-requisite Products
	Concurrent Session Perpetual	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, Hardware-	Product Editions and Permitted Features Enables the use of 3 rd party DSP-based PCIe card for hardware accelerated transcoding in a virtual SBC instance.
	Assisted Transcoding – Single Server Concurrent Session Perpetual	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 Border
		Controller session capacity
		This license requires an equal number of session capacity licenses, and the appropriate ISO codec licenses (as required)

Product	Subproduct	Licensing Description
		Entitled Products and Restricted Use Licenses
		This license is only applicable to SBC VNF
	Oracle Communications	Product Editions and Permitted Features
	Session Border Controller, IPsec	Enables the use of IPsec protocol (including IKEv1, IKEv2 or manual keys) for protecting signaling and media.
	Trunking - Integrated Software Option - per 50	Pre-requisite Products
	Concurrent Sessions Metric	SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900, 3950, 4900 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	Product Editions and Permitted Features
	Session Border Controller, IPSec	Enables the use of IPsec protocol (including IKEv1, IKEv2 or manual keys) for protecting signaling and media.
	Trunking – Network- Wide Concurrent	Pre-requisite Products
	Session Perpetual	SSM3 module (for Acme Packet 4600, 6100, 6300, or 6350 platforms only – not required for Acme Packet 3900, 3950, 4900 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	Product Editions and Permitted Features Enables the use of IPsec protocol (including IKEv1, IKEv2 or
	Controller, IPSec	The day of it and protects (including intever, intever)

Product	Subproduct	Licensing Description
	Trunking – Single Server Concurrent Session Perpetual	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, 3950, 4900 or virtualized platforms)
		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
	Session Border Controller, IPv4 to IPv6 Interworking –	Allows IPv4-IPv6 interworking for signaling and media.
		This license is not required for pure IPv6 functionality.
	Integrated Software	Pre-requisite Products
	Option – per 50 Concurrent Sessions Metric	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
	Session Border Controller, IPv4 to IPv6	Allows IPv4-IPv6 interworking for signaling and media.
	Interworking – Network-	This license is not required for pure IPv6 functionality.
	Wide Concurrent	Pre-requisite Products
	Session Perpetual	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. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, IPv4 to IPv6 Interworking – Single Server Concurrent Session Perpetual	Product Editions and Permitted Features Allows IPv4-IPv6 interworking for signaling and media. This license is not required for pure IPv6 functionality. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. 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 - Integrated Software Option - per 50 Concurrent Sessions 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 – 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	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

Product	Subproduct	Licensing Description
		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	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 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 – 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

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, Load Balancing - Network- Wide Concurrent Session Perpetual	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	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. 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

Product	Subproduct	Licensing Description
		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	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 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	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

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, 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. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Quality of Service - Network-Wide Concurrent Session Perpetual	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	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

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, REST API for Third Party Use – Integrated Software Option – per 50 Concurrent Sessions Metric	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 automated management of the SBC from 3 rd party (i.e. non Oracle) applications and services. 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, REST API for Third Party Use – Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features Enables automated management of the SBC from 3 rd party (i.e. non Oracle) 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	Product Editions and Permitted Features

Product	Subproduct	Licensing Description
	Session Border Controller, REST API for Third Party Use – Single Server Concurrent Session Perpetual	Enables automated management of the SBC from 3 rd party (i.e. non Oracle) 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	Product Editions and Permitted Features
	Session Border Controller, Ringback	Allows the Session Border Controller to generate ringback tones locally
	Tone Generation – Integrated Software	Pre-requisite Products
	Option – per 50 Concurrent Session	Oracle Communications Session Border Controller – Integrated Software Option session capacity
	Metric	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
	Session Border Controller, Ringback Tone Generation – Network-Wide Concurrent Session Perpetual	Allows the Session Border Controller to generate ringback tones locally
		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	Product Editions and Permitted Features
	Session Border Controller, Ringback Tone Generation – Single Server Concurrent Session Perpetual	Allows the Session Border Controller to generate ringback tones locally
		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, Routing – Integrated Software Option – per 50	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.
	Concurrent Sessions Metric	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
		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	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.
	Session Border Controller, Routing – Network-Wide	Product Editions and Permitted Features Enables configuration and use of routing (local po parameters for signaling protocols supported. Thi access to configuration elements such as cost, sta

Product	Subproduct	Licensing Description
	Perpetual	The following features are included in this license:
	Oracle Communications Session Border Controller, Routing – Single Server Concurrent Session Perpetual	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) 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, SIP/SIP-I Interworking – Integrated Software Option – per 50	Product Editions and Permitted Features Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element. Pre-requisite Products Oracle Communications Session Border Controller –

Product	Subproduct	Licensing Description
	Concurrent Session Metric	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, SIP/SIP-I Interworking – Network- Wide Concurrent Session Perpetual	Product Editions and Permitted Features Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element. 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, SIP/SIP-I Interworking – Single Server Concurrent Session Perpetual	Product Editions and Permitted Features Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element. Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period. 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	Product Editions and Permitted Features Enables session replication for recording, which helps call centers record the signaling and media packets associated

Product	Subproduct	Licensing Description
	Session Recording – Integrated Software Option – per 50 Concurrent Sessions Metric	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 – Network-Wide Concurrent Session Perpetual	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 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 – Single Server Concurrent Session Perpetual	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

Product	Subproduct	Licensing Description
		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 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	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

Product	Subproduct	Licensing Description
	Oracle Communications Session Border Controller, SIPREC Session Recording for French Territories – Single Server Concurrent Session Perpetual	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
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, STIR SHAKEN - Integrated Software Option - per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables the use of REST API calls to STI servers for the purposes of STIR authentication and validation. 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, STIR SHAKEN - Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features Enables the use of REST API calls to STI servers for the purposes of STIR authentication and validation. 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.
		Entitled Products and Restricted Use Licenses
		N/A
	Oracle Communications Session Border Controller, STIR SHAKEN	Product Editions and Permitted Features Enables the use of REST API calls to STI servers for the purposes of STIR authentication and validation.
	- Single Server Concurrent Session Perpetual	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, Transport	Product Editions and Permitted Features Enables the use of TLS for encryption of SIP signaling for virtual SBCs
	Layer Security (TLS) -	Pre-requisite Products
	Network-Wide Concurrent Session Perpetual	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	Product Editions and Permitted Features Enables the use of TLS for encryption of SIP signaling for virtual SBCs
	Layer Security (TLS) – Single Server Concurrent	Single Server Concurrent Session Perpetual License limits the use of license to a single server during a 90-day period.
	Session Perpetual	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 This license is only applicable to SBC VNF
Se	ssion Based Licenses (orderal	ble independent of session capacity licenses)
	Oracle Communications Session Border Controller, Advanced MSRP Media Handling - Integrated Software Option - per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables the use of MSRP functionality. 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 Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, Advanced MSRP Media Handling - Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features Enables the use of MSRP functionality. Pre-requisite Products 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, Advanced MSRP Media Handling - Single Server Concurrent Session Perpetual	Product Editions and Permitted Features Enables the use of MSRP functionality. 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

Product	Subproduct	Licensing Description
		OR Oracle Communications Peering Session Border Controller session capacity Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SRTP – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables SRTP (SDES) media encryption. 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 Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Border Controller, SRTP – Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features Enables SRTP (SDES) media encryption. Pre-requisite Products 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	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 Oracle Communications Session Border Controller session capacity OR Oracle Communications Peering Session Border Controller session capacity Entitled Products and Restricted Use Licenses

Product	Subproduct	Licensing Description
		N/A
		Codec Licenses
	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, 3950, 4900, 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 licenses Entitled Products and Restricted Use Licenses N/A

Product	Subproduct	Licensing Description
	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 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, 3950, 4900, 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	Product Editions and Permitted Features AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec.

Product	Subproduct	Licensing Description
	Controller, AMR-WB (G.722.2) – Network- Wide Concurrent Session Perpetual	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, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s) AND Oracle Communications Session Border Controller session capacity OR

Product	Subproduct	Licensing Description
	Transcoding coder/decoder transcoding module 2, EVRCB - Integrated Software Option - per 25 Concurrent Sessions Metric	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, 3950, 4900, 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 Concurrent Sessions Metric	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, 3950, 4900, 4600, 6300, or 6350 with transcoding module(s) AND Oracle Communications Session Border Controller session capacity

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for Oracle Communications Session Border Controller, EVS – Network-Wide Concurrent Session Perpetual	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 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, EVS – Single Server Concurrent Session Perpetual	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 OR Oracle Communications Transcoding Session Border Controller session capacity

Product	Subproduct	Licensing Description
		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, Opus - Integrated Software Option – per 50 Concurrent Sessions Metric	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, 3950, 4900, 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 - 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 Oracle Communications Transcoding Session Border Controller session capacity Requires an equal or greater number of session capacity licenses Entitled Products and Restricted Use Licenses

Product	Subproduct	Licensing Description	
		N/A	
	Transcoding coder/decoder for Oracle Communications Session Border Controller, Opus – Single Server 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 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, 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, 3950, 4900, 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	Product Editions and Permitted Features	

Product	Subproduct	Licensing Description
	coder/decoder for Oracle Communications Session Border Controller, SILK - Network-Wide Concurrent Session Perpetual	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
	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

Product	Subproduct	Licensing Description
		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 Concurrent Endpoint Perpetual	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 OR supported virtualized platform AND Oracle Communications Session Border Controller session capacity Entitled Products and Restricted Use Licenses
		N/A
	Oracle Communications Session Border Controller, IMS-AKA – Single Server Concurrent Endpoint Perpetual	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 N/A

Third-Party Commercial and Open Source Software

Commercial Software

Commercial software used in Oracle Communications Session Border Controller – S-CZ9.1.0 is identified in the following table with the following license notes, restrictions, and disclaimers.

Vendor	Product(s) and Version(s)	Licensing Description/Disclaimer
Cavium	u-boot - 1.1.1	GPL 2.0 - See APPENDIX B
Icon Laboratories	Envoy SNMP - 3.6	Used under license from Icon Laboratories, All Rights Reserved.
Mocana	NanoSec Standard and Advanced – 5.1.1	Used under license from Mocana, All Rights Reserved
	NanoSSH Advanced - 5.1.1	Used under license from Mocana, All Rights Reserved
	NanoSSH Client and Server – 5.1.1	Used under license from Mocana, All Rights Reserved
	Embedded IKE - 5.1.1	Used under license from Mocana. All Rights Reserved.
	Embedded SSH Client and Server - 5.1.1	Used under license from Mocana. All Rights Reserved.
	Embedded SSL Server - 5.1.1	Used under license from Mocana. All Rights Reserved.
	bitstring.h (4 th party of Mocana)	Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.
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Radvision	H.323 Toolkit	Used under license from Radivision, All Rights Reserved
	ARTP/RTCP	Used under license from Radivision, All Rights Reserved
	ASN.1 Compiler Add- On for H.323 for Windows	Used under license from Radivision, All Rights Reserved
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Andreas Gruenbacher	Acl 2.2.51-15	LGPL 2.1 - See APPENDIX A
Ted Felix	Acpid 2.0.19-9	Acpid License
Netfilter Core Team	Arptables 0.0.4-8	Author: Bart De Schuymer, but almost all code is from the iptables userspace program, which has main authors: Paul.Russell@rustcorp.com.au and mneuling@radlogic.com.au
		GNU GENERAL PUBLIC LICENSE
		Version 2, June 1991
		See Appendix B
Digium	Asterisk 16.8-	The Asterisk(R) Open Source PBX
	cert10	By Mark Spencer <markster@digium.com> and the Asterisk.org developer community. Copyright (C) 2001-2021 Digium, Inc. and other copyright holders.</markster@digium.com>
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		This package also includes various components that are not part of Asterisk itself; these components are in the 'contrib' directory and its subdirectories. These components are also distributed under the GPL version 2 as well.
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		If you wish to use our code in other GPL programs, don't worry there is no requirement that you provide the same exception in your GPL'd products (although if you've written a module for Asterisk we would strongly encourage you to make the same exception that we do).
		Specific permission is also granted to link Asterisk with OpenSSL, OpenH323 and/or the UW IMAP Toolkit and distribute the resulting binary files.
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Version 2, June 1991

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Version 3, 29 June 2007

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