Oracle® Communications
Session Router – S-Cz9.0.0

Program Documentation – License DocumentJune 2023

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Product	Subproduct	Licensing Description
Oracle Communications Session Router Session Router Oracle Communications Session Router (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 Router system to respond to external ACP requests (required for Oracle Communications Session Delivery Management Suite).
		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.
		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.
		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
Product		and end times, days of week, media profiles, and carrier elements: • ENUM Database support • LRT (local route table) SIP - Respond to/forward SIP signaling messages and set up SIP sessions based on the system configuration. Allows configuration of SIP-related configuration objects. Pre-requisite Products • Acme Packet 4600, 6100, or 6300 platform OR • Netra Server X5-2 OR • Oracle Server X7-2 OR • Oracle Server X8-2 Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features Determines the maximum number of SIP sessions allowed by Oracle Communications Session Router. This license provides access to operating system and basic node management functions such as CLI, FTP and SNMP. The following features are available with the base license. ACP - Allows Oracle Communications Session Router system to respond to external ACP requests (required for Oracle Communications Delivery Management Suite). TLS (Transport Layer Security) - This feature enables cryptographic security for the SIP protocol. Exceptions: Not applicable to VNF. Requires separate TLS license. HA - Enables sending and receiving HA heartbeat and checkpointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object. IDS - 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. Routing - Enables configuration and use of routing (local

Product	Subproduct	Licensing Description
		policy) parameters for signaling protocols supported. This feature group includes access to configuration elements such as cost, start and end times, days of week, media profiles, and carrier elements: • ENUM Database support • LRT (local route table) SIP - Respond to/forward SIP signaling messages and set up SIP sessions based on the system configuration. Allows configuration of SIP-related configuration objects. Note: OCSR is licensed in either in Concurrent Session or Message per Second metrics but cannot operate in both
		modes simultaneously.
		Pre-requisite Products Acme Packet 4600, 6100, or 6300 platform OP
		OR • Netra Server X5-2 OR
		Oracle Server X7-2 OR
		Oracle Server X8-2 OR
		Supported virtualized platform Entitled Products and Restricted Use Licenses
		N/A
	Oracle Communications	Product Editions and Permitted Features
	Session Router – Network-Wide Message per Second Perpetual	Determines the maximum number of SIP messages that are processed per second by Oracle Communications Session Router.
		This license provides access to operating system and basic node management functions such as CLI, FTP and SNMP. The following features are available with the base license.
		ACP - Allows Oracle Communications Session Router system to respond to external ACP requests (required for Oracle Communications Delivery Management Suite).
		TLS (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol. <u>Exceptions</u> : Not applicable to VNF. Requires separate TLS license.
		HA - 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.

Product	Subproduct	Licensing Description
		IDS – 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.
		Routing – Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This feature group includes access to configuration elements such as cost, start and end times, days of week, media profiles, and carrier elements.
		ENUM Database support
		LRT (local route table)
		SIP - Respond to/forward SIP signaling messages and set up SIP sessions based on the system configuration. Allows configuration of SIP-related configuration objects.
		Note: OCSR is licensed in either in Concurrent Session or Message per Second metrics but cannot operate in both modes simultaneously.
		Pre-requisite Products
		Acme Packet 4600, 6100, or 6300 platform
		OR VI 2 VI 2
		Netra Server X5-2 OR
		Oracle Server X7-2
		OR
		Oracle Server X8-2
		OR
		Supported virtualized platform
		Entitled Products and Restricted Use Licenses
		N/A
	Oracle Communications	Product Editions and Permitted Features
	Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric	Determines the maximum number of SIP sessions allowed by Oracle Communications Session Router.
		Note: OCSR is licensed in either in Concurrent Session or Message per Second metrics but cannot operate in both modes simultaneously.
		Pre-requisite Products
		Oracle Communications Session Router (base fee) – Integrated Software Option – per Server Metric

Product	Subproduct	Licensing Description
		Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router - Integrated Software Option - per 1K Messages per Second Metric	Product Editions and Permitted Features Determines the maximum number of SIP messages that are processed per second by Oracle Communications Session Router. Note: OCSR is licensed in either in Concurrent Session or Message per Second metrics but cannot operate in both modes simultaneously. Pre-requisite Products Oracle Communications Session Router (base fee) – Integrated Software Option – per Server Metric Entitled Products and Restricted Use Licenses N/A
	Session C	apacity Based Licenses
Oracle Communications Session Router	Oracle Communications Session Router, Accounting - Network- Wide Concurrent Session Perpetual	Product Editions and Permitted Features Allows Oracle Communications Session Router to create call accounting records using Diameter, Radius 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 Router - Integrated Software Option - per500 Concurrent Sessions Metric OR Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual This license requires an equal number of Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, Accounting – Integrated Software Option – Per 500 Concurrent Sessions Metric	Product Editions and Permitted Features Allows Oracle Communications Session Router to create call accounting records using Diameter, Radius 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 Router -

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	Oracle Communications Session Router, Government Security Certification - Integrated Software Option - per500 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 Router – Integrated Software Option – per500 Concurrent Sessions Metric This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, 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 Router - Integrated Software Option - per500 Concurrent Sessions Metric OR Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual This license requires an equal number of Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, IPsec Trunking – Integrated Software Option – per500 Concurrent Sessions Metric	Product Editions and Permitted Features Enables the use of IPsec protocol (including IKEv1, IKEv2 or manual keys) for protecting signaling. Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, or 6300 platforms only) AND

Product	Subproduct	Licensing Description
		Oracle Communications Session Router – Integrated Software Option – per500 Concurrent Sessions Metric This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
Sessio Trunk Wide	Oracle Communications Session Router, IPSec Trunking - Network- Wide Concurrent Session Perpetual	Product Editions and Permitted Features Enables the use of IPsec protocol (including IKEv1, IKEv2 or manual keys) for protecting signaling. Pre-requisite Products SSM3 module (for Acme Packet 4600, 6100, or 6300 platforms only) AND Oracle Communications Session Router – Integrated Software Option – per500 Concurrent Sessions Metric OR Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual This license requires an equal number of Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, Lawful Intercept - Integrated Software Option - per 500 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 Router – Integrated Software Option – per 500 Concurrent Sessions Metric This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, 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 Oracle Communications Session Router - Integrated

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	Oracle Communications Session Router, Load Balancing - Integrated Software Option - per 500 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 Router - Integrated Software Option - per 500 Concurrent Sessions Metric This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, Load Balancing - Network- Wide Concurrent Sessions 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 Router - Integrated Software Option - per 500 Concurrent Sessions Metric OR Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual This license requires an equal number of Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, REST API for 3 rd -Party Use – Integrated Software Option – per 50 Concurrent Sessions Metric	Product Editions and Permitted Features Enables automated management of the SR from 3 rd party (i.e. non Oracle) applications and services. Pre-requisite Products Oracle Communications Session Router - Integrated

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	Oracle Communications Session Router, REST API for 3 rd -Party Use – Network-Wide Concurrent Session Perpetual	Product Editions and Permitted Features Enables automated management of the SR from 3 rd party (i.e. non Oracle) applications and services. Pre-requisite Products Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric OR Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual This license requires an equal number of session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, SIP/SIP-I Interworking – Integrated Software Option – per 50 Concurrent Sessions Metric	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 Router – Integrated Software Option – per 500 Concurrent Sessions Metric This license requires an equal number of ISO session capacity licenses. Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, 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 Router - Integrated Software Option - per 500 Concurrent Sessions Metric OR Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual This license requires an equal number of session capacity

Product	Subproduct	Licensing Description
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	Oracle Communications Session Router, Transport Layer Security (TLS) – Network-Wide Concurrent Sessions Perpetual	Product Editions and Permitted Features Enables the use of TLS for encryption of SIP signaling for virtual SRs Pre-requisite Products Oracle Communications Session Router - Integrated Software Option - per 500 Concurrent Sessions Metric OR Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual This license requires an equal number of Oracle Communications Session Router session capacity licenses Entitled Products and Restricted Use Licenses This license is only applicable to SR VNF
	Messages pe	er Second Based Licenses
Oracle Communications Session Router	Oracle Communications Session Router, Government Security Certification - Integrated Software Option - per 1K Messages per Second 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 Router – Integrated Software Option – per 1K Messages per Second Metric This license requires an equal number of ISO Oracle Communications Session Router message per second capacity licenses Entitled Products and Restricted Use Licenses N/A
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Product	Subproduct	Licensing Description
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	Oracle Communications Session Router, Load Balancing - Integrated Software Option - per 1K Messages per Second 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 Router – Integrated Software Option – per 1K Messages per Second Metric This license requires an equal number of ISO Oracle Communications Session Router message per second capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, Load Balancing - Network- Wide Message per Second 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 Router - Integrated Software Option - per 1K Messages per Second OR Oracle Communications Session Router - Network-Wide Message per Second Perpetual This license requires an equal number of Oracle Communications Session Router message per second capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, REST API for 3 rd -Party Use – Integrated Software Option – per 1K Messages per Second Metric	Product Editions and Permitted Features Enables automated management of the SR from 3 rd party (i.e. non Oracle) applications and services. Pre-requisite Products Oracle Communications Session Router - Integrated Software Option - per 1K Messages per Second Metric

Product	Subproduct	Licensing Description
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	Oracle Communications Session Router, REST API for 3 rd -Party Use – Network-Wide Message per Second Perpetual	Product Editions and Permitted Features Enables automated management of the SR from 3 rd party (i.e. non Oracle) applications and services. Pre-requisite Products Oracle Communications Session Router - Integrated Software Option - per 1K Messages per Second OR Oracle Communications Session Router - Network-Wide Message per Second Perpetual This license requires an equal number of Oracle Communications Session Router message per second capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, SIP/SIP-I Interworking – Integrated Software Option – per 1K Messages per Second Metric	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 Router – Integrated Software Option – per 1K Messages per Second Metric This license requires an equal number of ISO Oracle Communications Session Router message per second capacity licenses Entitled Products and Restricted Use Licenses N/A
	Oracle Communications Session Router, SIP/SIP-I Interworking – Network- Wide Message per Second 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 Router - Integrated Software Option - per 1K Messages per Second OR Oracle Communications Session Router - Network-Wide Message per Second Perpetual

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	Oracle Communications Session Router, Transport Layer Security (TLS) – Network-Wide Message per Second Perpetual	Product Editions and Permitted Features Enables the use of TLS for encryption of SIP signaling for virtual SRs Pre-requisite Products Oracle Communications Session Router - Network-Wide Message per Second Perpetual This license requires an equal number of Oracle Communications Session Router message per second capacity licenses Entitled Products and Restricted Use Licenses This license is only applicable to SR VNF

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		Mozilla invested significant legal resources into avoiding known patent thickets when designing Opus. Whenever possible, we used processes and methods that have been long known in the field and which are considered patent-free. In addition, we filed numerous patent applications on the new things we invented to help defend the Opus community. As a result, Opus is available on a royalty-free basis and can be deployed by anyone, including other open-source projects. Everyone knows this is an incredibly challenging legal environment to operate in, but we think we've succeeded.

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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
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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Version 2, June 1991

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Version 3, 29 June 2007

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