

Oracle® Communications

Unified Session Manager – SCZ825 - S-Z8.2.5

Program Documentation – License Document

First Edition

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Licensing Information

Oracle Communications Unified Session Manager – S-CZ8.2.5 – Licensing Notes

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

Product	Subproduct	Licensing Description
Oracle Communications Unified Session Manager	Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric	<p>Product Editions and Permitted Features</p> <p>This license (available on a per server basis) provides access to Base OS (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.</p> <p>Unified Session Manager Cx - For Cx-based Unified Session Manager, Configuring <i>home subscriber server</i> configuration element is required to operate Unified Session Manager.</p> <p>SIP (Session Initiation Protocol) Authentication/Authorization - SIP Authorization/Authentication license reveals the <i>SIP Authentication Profile</i> configuration element. Configuring <i>SIP Authentication Profile</i> configuration element is required to operate Unified Session Manager.</p> <p>ACP (Acme Control Protocol) - Allows Oracle Unified Session Manager system to respond to external ACP requests (required for Oracle Communications Session Element Manager).</p> <p>SIP – Enables all SIP functionality on the Unified Session Manager, including IMS (IP Multimedia Subsystem) P-CSCF (Proxy - Session Control Function), S-CSCF (Serving – Session Control Function), I-CSCF (Interrogating – Session Control Function), and BGCF (Border Gateway Control Function) functionality.</p> <p>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.</p> <p>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.</p> <p>IDS (Intrusion Detection System) – Allows configuration of traps sent when endpoints are demoted to “denied” status. Allows configuration of syslog messages to be recorded when endpoints are demoted to “denied” status. Enables dynamic demotion of endpoints based upon CAC (call admission control) failures.</p> <p>IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p>National Emergency Services - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP (Internet Protocol) network infrastructures.</p>

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	<p>Oracle Communications Unified Session Manager - Integrated Software Option - per 20K Endpoints Metric</p>	<p>This license provides the ability for Unified Session Manager to handle SIP registered endpoints uniquely identified by IP & port combination. Available in 20K endpoints increments</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>
	<p>Oracle Communications Unified Session Manager - Integrated Software Option - per 500 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features</p> <p>This license provides the ability for Unified Session Manager to handle number of sessions allowed for all protocols combined. This feature license includes the capability to handle registrations caching. Available in 500 session increments</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>
Session Capacity Based Licenses		
	<p>Oracle Communications Unified Session Manager, Load balancing - Integrated Software Option - per 500 Concurrent Sessions Metric</p>	<p>Product Editions and Permitted Features</p> <p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Unified Session Manager, Policy Server - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Allows configuration of a COPS/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> • External Bandwidth Management/ Call Admission Control towards a PS (RACF (Resource and Admission Control Function)/PCRF (Policy and Charging Routing Function)) • Location Information queries to a Connectivity Location Function (CLF). <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>
	Oracle Communications Unified Session Manager, Routing - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>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.</p> <p>The following features are included in this license:</p> <ul style="list-style-type: none"> • ENUM Database support • LRT (Local Routing Table) <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>
	Oracle Communications Unified Session Manager, IPSec Trunking - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.</p> <p>Pre-requisite Products</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric AND Encryption capable module and SSM3 module installed <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Communications Unified Session Manager, Accounting - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Allows Unified Session Manager to create call accounting records using either Radius or Diameter (via the Rf interface), or by collecting the information in flat files that can stored locally or pushed via FTP to an external server.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Communications Unified Session Manager, Lawful Intercept - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI (Lawful Intercept) types supported.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Communications Unified Session Manager, Quality of Service -	<p>Product Editions and Permitted Features</p> <p>Enables collection and reporting of QoS (Quality of Service) data (lost packets, jitter, and latency) for session media.</p>

Product	Subproduct	Licensing Description
	Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric AND QoS capable hardware <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Communications Unified Session Manager, IPv4 to IPv6 Interworking - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Communications Unified Session Manager, SRTP - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Enables SRTP (Secure Real-Time Transport Protocol) (MIKEY/SDES) (Media Encryption).</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires non-QoS-restricted encryption hardware and SSM3 module AND Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>Requires session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Oracle Communications	<p>Product Editions and Permitted Features</p> <p>Enables session replication for recording, which helps call</p>

Product	Subproduct	Licensing Description
	Unified Session Manager, SIPREC Session Recording - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>centers record the signaling and media packets associated with their calls.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>
	Oracle Communications Unified Session Manager, MSRP B2BUA - Integrated Software Option - per 500 Concurrent Sessions	<p>Product Editions and Permitted Features</p> <p>Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>AND</p> <ul style="list-style-type: none"> Requires Acme Packet 4600 or 6300 <p>Requires session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>
End points Based Licenses		
	Oracle Communications Unified Session Manager, IMS-AKA - Integrated Software Option – Per 5K Endpoints Metric	<p>Product Editions and Permitted Features</p> <p>Enables IMS-AKA framework use for authentication and for securing the signaling path between UE and the Oracle Communications Unified Session Manager across the Gm interface on the access network.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Requires Acme Packet 4600 or 6300 with non-QoS-restricted encryption hardware. <p>AND</p> <ul style="list-style-type: none"> Requires ISO session capacity licenses <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p>
Codec Licenses		

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for transcoding module 2, EVRC - Integrated Software Option – per 25 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Required in order to enable support for transcoding to and from EVRC codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Requires Acme Packet 4600 or 6300 with transcoding hardware AND • Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Transcoding coder/decoder for transcoding module 2, EVRCB - Integrated Software Option – per 25 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>Required in order to enable support for transcoding to and from EVRC-B codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Requires Acme Packet 4600 or 6300 with transcoding hardware AND • Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p>
	Transcoding coder/decoder for transcoding module 2, AMR-NB - Integrated Software Option – per 25 Concurrent Sessions Metric	<p>Product Editions and Permitted Features</p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Requires Acme Packet 4600 or 6300 with transcoding hardware AND • Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric <p>Requires an equal or greater number of session</p>

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

Product	Subproduct	Licensing Description
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Version 2.1, February 1999

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