

Oracle® Communications Unified Session Manager

Program Documentation – License Document

First Edition

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Oracle Communications Unified Session Manager – Licensing Notes

Product	Subproduct	Licensing Description
Oracle Communications Unified Session Manager	Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric	<p>This license 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 feature licenses are enabled by default and hence are covered under 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> <p>Prerequisites: Requires Acme Packet Acme Packet 4500, 6100 or 6300 hardware.</p> <p>Note: This license is a prerequisite for all feature licenses described below.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Unified Session Manager - Integrated Software Option - per 20K Endpoints Metric	<p>This license provides the ability for Unified Session Manager to handle SIP registered endpoints uniquely identified by IP & port combination.</p> <p>Available in 20K endpoints increments</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>
	Oracle Communications Unified Session Manager - Integrated Software Option - per 500 Concurrent Sessions Metric	<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.</p> <p>Available in 500 session increments</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>
	Oracle Communications Session Border Controller, USM - Integrated Software Option - per 20K Endpoints Metric	<p>This license provides the ability for Oracle Session Border Controller to support Oracle Unified Session Manager functionality, adding the ability to handle SIP registered endpoints uniquely identified by IP & port combination.</p> <p>Available in 20K endpoints increments</p> <p>Prerequisites:</p> <p>Oracle Communications Session Border Controller (base fee) - Integrated Software Option - per Server Metric</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>Requires an existing Oracle Session Border Controller release to be upgraded to Oracle Unified Session Manager 7.2.5 release. Feature parity on Session Border Controller features may not be achieved during this upgrade. Contact your sales person for more details.</p>

Session Capacity Based Licenses

Product	Subproduct	Licensing Description
	Oracle Communications Unified Session Manager, Accounting - Integrated Software Option - per 500 Concurrent Sessions Metric	<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 be stored locally or pushed via FTP to an external server.</p> <p>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>
	Oracle Communications Unified Session Manager, Routing - Integrated Software Option - per 500 Concurrent Sessions Metric	<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> <ul style="list-style-type: none"> • ENUM (E.164 Number to URI Mapping) support requires the routing license. • LRT (Local Routing Table) requires the routing license. <p>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>
	Oracle Communications Unified Session Manager, Load balancing - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>

Product	Subproduct	Licensing Description
	Oracle Communications Unified Session Manager, Policy Server - Integrated Software Option - per 500 Concurrent Sessions Metric	<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>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>
	Oracle Communications Unified Session Manager, Quality of Service - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Enables collection and reporting of QoS (Quality of Service) data (lost packets, jitter, and latency) for session media.</p> <p>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p> <p>Requires QoS capable module</p>
	Oracle Communications Unified Session Manager, IPv4 to IPv6 Interworking - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present.</p> <p>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>
	Oracle Communications Unified Session Manager, Government Security Certification - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>

Product	Subproduct	Licensing Description
	Oracle Communications Unified Session Manager, Lawful Intercept - Integrated Software Option - per 500 Concurrent Sessions Metric	<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>Orderable in session increments that match session capacity licenses.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>
	Oracle Communications Unified Session Manager, SRTP - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Enables SRTP (Secure Real-Time Transport Protocol) (MIKEY/SDES) (Media Encryption).</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p> <p>Requires encryption capable Network Interface Unit and SSM/SSM2/SSM3 hardware.</p>
	Oracle Communications Unified Session Manager, IPSec Trunking - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p> <p>Requires encryption capable Network Interface Unit and SSM/SSM2/SSM3 hardware.</p>
	Oracle Communications Unified Session Manager, SIPREC Session Recording - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>Enables session replication for recording, which helps call centers record the signaling and media packets associated with their calls.</p> <p>Prerequisites:</p> <p>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</p>

End points Based Licenses

Product	Subproduct	Licensing Description
	Oracle Communications Unified Session Manager, IMS-AKA - Integrated Software Option – Per 5K Endpoints Metric	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. Prerequisites: Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric Requires encryption capable module
Codec Licenses		
	Transcoding coder/decoder for Acme Packet 6300, EVRC – Integrated Software Option – Per 25 Concurrent Sessions Metric	Required in order to enable support for transcoding to and from EVRC codec. Prerequisites: Requires AP 6300 platform with at least one transcoding module
	Transcoding coder/decoder for Acme Packet 6300, EVRCB – Integrated Software Option – Per 25 Concurrent Sessions Metric	Required in order to enable support for transcoding to and from EVRC-B codec. Prerequisites: Requires AP 6300 platform with at least one transcoding module
	Transcoding coder/decoder for Acme Packet 6300, AMR-NB – Integrated Software Option – Per 25 Concurrent Sessions Metric	AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec. Prerequisites: Requires AP 6300 platform with at least one transcoding module
	Transcoding coder/decoder for Acme Packet 6300, AMR-WB (G.722.2) – Integrated Software Option – Per 25 Concurrent Sessions Metric	AMR-WB royalty license is required to enable support for transcoding to and from the AMR-WB codec. Prerequisites: Requires AP 6300 platform with at least one transcoding module

Third-Party Commercial and Open Source Software

Commercial Software

Commercial software used in Oracle Communications Unified Session Manager S-CZ7.2.5 is identified

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