

Oracle® Communications  
Policy Management

Licensing Information User Manual

Release 11.5

**E61810-01**

February 2015

ORACLE®

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# Introduction

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## Licensing Information

Description of Product Editions and Permitted Features

Prerequisite Products

Entitled Products and Restricted Use Licenses

# Oracle Communications Policy Management – Licensing Notes – Go Forward Products

Product	Subproduct	Licensing Description
Oracle Communications Policy Management	Oracle Communications Policy Management - Configuration Management Platform (Base Fee) – per Server Metric	This product provides the following base Policy Configuration Management functionality: Policy Wizard, Provisioning, SNMP support, KPI Dashboard, Session Viewer, OSSI XML Interface. <b>Prerequisites:</b> N/A <b>Restrictions:</b> [Include any restrictions in this section.]
	Oracle Communications Policy Management - Multimedia Policy Engine -- per Server Metric	This product provides the following base Multimedia Policy Engine functionality: Policy run-time, 3GPP support (Gx, Sd, Rx, Sy), State Management, Pooled Quotas, Dynamic Quotas, Time of Day, Session Correlation, Geo-Redundancy, and Advanced Notifications. <b>Prerequisites:</b> Oracle Communications, Policy management, Configuration Management Platform (base fee) <b>Restrictions:</b> [Include any restrictions in this section.]
	Oracle Communications Policy Management – Per 1K Network Access Sessions Metric	This product determines the number of concurrent network access sessions allowed within a Policy Management network consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP). A network access session is defined as the association between a user endpoint/device and an IP network. Network Access Sessions represent the peak concurrent sessions measured based on highest busy hour session load within a given Policy Management network. <b>Prerequisites:</b> Requires Oracle Communications, Policy Management base fee, and Multimedia Policy Engine and Configuration Management Platform. <b>Restrictions:</b> [Include any restrictions in this section.]
	Oracle Communications Policy Management – Per 500 Transactions per Second Metric	This product determines the number of transactions per second (TPS) allowed within a Policy Management network consisting of one or more multimedia policy engines (MPEs) managed by a single active configuration management platform (CMP). Policy Management, Transactions Per Second number represents the peak TPS measured based on highest busy hour load within a given Policy Management network. <b>Prerequisites:</b> [Include any prerequisites in this section.] <b>Restrictions:</b> [Include any restrictions in this section.]

Product	Subproduct	Licensing Description
	Oracle Communications Policy Management - Management Agent – per Server Metric	This product provides access to the following Management Agent functionality : Collection of Topology and Network information for use with PCMM message routing and policy decisions. <b>Prerequisites:</b> Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform. <b>Restrictions:</b> [Include any restrictions in this section.]
	Oracle Communications Policy Management - Bandwidth On-Demand Application Manager – per Server Metric	This product provides access to Bandwidth on Demand Application Manager (BoDAM) functionality. It allows applications to request the setup and teardown of Quality of Service (QoS) resources within broadband network via SOAP based RPC and/or pure HTTP request interface. <b>Prerequisites:</b> Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform. <b>Restrictions:</b> [Include any restrictions in this section.]
	Oracle Communications Policy Management - Policy Event Records Distribution – per Server Metric	This product provides access to Policy Management, Analytics functionality. It includes the ability to generate Policy Event Record (PER) and Policy Reference Data (PRD) information based on observed criteria and behavior with the Multimedia Policy Engine (MPE) <b>Prerequisites:</b> Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine. <b>Restrictions:</b> [Include any restrictions in this section.]
	Oracle Communications Policy Management - Policy Front End – per Server Metric	This product provides access to Policy Front End application functionality which includes managing diameter connections and load balancing traffic between the Policy Charging Enforcement Point (PCEF) and Multimedia Policy Engine (MPE) instances. <b>Prerequisites:</b> [Include any prerequisites in this section.] <b>Restrictions:</b> [Include any restrictions in this section.]

Product	Subproduct	Licensing Description
	Oracle Communications Policy Management - Policy Front End – per 500 Transactions per Second Metric	<p>This product determines the number of transactions per second (TPS) allowed within a Policy Management, Policy Front End application.</p> <p>Policy Management, Policy Front End, Transactions Per Second number represents the peak TPS measured based on highest busy hour load.</p> <p><b>Prerequisites:</b></p> <p>Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>[Include any restrictions in this section.]</p>
	Oracle Communications Policy Management – per 1K Concurrent Subscribers Metric	<p>This product determines the number of unique concurrent subscribers with access to a specified application or service at any one time, within a Policy Management network consisting of one or more multimedia policy engines managed by a single active configuration management platform.</p> <p><b>Prerequisites:</b></p> <p>Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>[Include any restrictions in this section.]</p>
	Oracle Communications Policy Management – per 1K Concurrent Sessions Metric	<p>This product determines the number of concurrent sessions of a specified application or applications at any one time, within a Policy Management network consisting of one or more multimedia policy engines managed by a single active configuration management platform.</p> <p><b>Prerequisites:</b></p> <p>Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>[Include any restrictions in this section.]</p>
	Oracle Communications Policy Management, Fixed Mobile Convergence – per Server Metric	<p>This product provides access to Fixed Mobile Convergence (FMC) feature set including RADIUS COA, Session Correlation, RADIUS routing.</p> <p><b>Prerequisites:</b></p> <p>Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>[Include any restrictions in this section.]</p>

Product	Subproduct	Licensing Description
	Oracle Communications Policy Management, OTT Services – per Server Metric	<p>This product provides access to Sponsored Data Connectivity feature set that provides usage tracking and enables implementation of value-added services for subscriber sessions using sponsored data from 3<sup>rd</sup> Party / OTT content providers.</p> <p><b>Prerequisites:</b></p> <p>Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>[Include any restrictions in this section.]</p>
	Oracle Communications Policy Management, LTE Enhancement – per Server Metric	<p>This product provides access to enhanced LTE functionality that supports VoLTE feature set including Required-Access-Info AVP on Rx and Gx interface, Charging-Correlation-Indicator AVP on Gx interface and PS to CS handover.</p> <p><b>Prerequisites:</b></p> <p>Requires Oracle Communications, Policy Management base fee and Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>[Include any restrictions in this section.]</p>

# Oracle Communications Policy Management – Licensing Notes – Legacy Products

Product	Subproduct	Licensing Description
Oracle Communications Policy Management	Multimedia Policy Engine (base) – per cluster Metric	<p>This product provides access to base Multimedia Policy Engine functionality including Policy run time engine, Gx support, session state management and basic notifications.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Camiant Management Platform (base) – per cluster Metric	<p>This product provides access to base Policy Configuration Management Platform functionality including Policy Wizard, Provisioning, SNMP support, KPI Dashboard, Session Viewer, OSS XML Interface.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers</p> <p><b>Prerequisites:</b></p> <p>[Include any prerequisites in this section.]</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Multiprotocol Routing Agent (base) – per cluster Metric	<p>This product (available on a per server basis) provides access to Policy Front End application functionality which includes managing diameter connections and load balancing traffic between the Policy Charging Enforcement Point (PCEF) and Multimedia Policy Engine (MPE) instances.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>[Include any prerequisites in this section.]</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>



Product	Subproduct	Licensing Description
	Mobile Base 1K Sessions	<p>This product determines the number of concurrent IP-CAN sessions allowed within a Policy Management network consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP). A Mobile Base session is defined as the association between a user endpoint/device and an IP network. It includes support for unique Gx session as defined in 3GPP standards.</p> <p>Mobile Base Sessions represent the peak concurrent sessions measured based on highest busy hour session load within a given Policy Management network.</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Quota 1K Sessions	<p>This product determines the number of concurrent Mobile Base sessions with associated Quota Management allowed within a Policy Management network, consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP).</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform, and Mobile Base 1K session license.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	DPI 1K Sessions	<p>This product determines the number of concurrent Mobile Base sessions with associated DPI co-relation allowed within a Policy Management network, consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP).</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform, and Mobile Base 1K session license.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Time of Day 1K Sessions	<p>This product determines the number of concurrent Mobile Base sessions with associated Time of Day policies allowed within a Policy Management network, consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP).</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform, and Mobile Base 1K session license.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

Product	Subproduct	Licensing Description
	Gx Roaming 1K Sessions	<p>This product determines the number of concurrent Mobile Base sessions with associated Gx Roaming policies allowed within a Policy Management network, consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP).</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform, and Mobile Base 1K session license.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	LTE 1K Sessions	<p>This product determines the number of concurrent Mobile Base sessions with associated 4G/LTE allowed within a Policy Management network, consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP).</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform, and Mobile Base 1K session license.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	IMS 1K Sessions	<p>This product determines the number of concurrent Mobile Base sessions with associated IMS Rx reference, allowed within a Policy Management network, consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP).</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform, and Mobile Base 1K session license.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	MRA 1K Sessions	<p>This product determines the number of concurrent IP-CAN sessions supported by Multiprotocol Routing Agent within a Policy Management network, consisting of one or more multimedia policy engines(MPEs) managed by a single active configuration management platform (CMP).</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multiprotocol Routing Agent (MRA) and Configuration Management Platform (CMP)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

Product	Subproduct	Licensing Description
	Policy Server Geo-Redundancy – per cluster Metric	<p>This product provides access to Multimedia Policy Engine Geo-Redundancy functionality that enables session state failover between primary and secondary sites.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Sd interface to Traffic Detection Function – per cluster Metric	<p>This product provides access to 3GPP Sd interface functionality between PCRF and Traffic Detection function for policy treatment based on subscriber and application specific criteria.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Sy interface to Online Charging System (OCS) – per cluster Metric	<p>This product provides access to 3GPP Sy interface functionality between PCRF and Online Charging System (OCS).</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

Product	Subproduct	Licensing Description
	Location Based Services – per cluster Metric	<p>This product provides access to Location Based Services functionality that allows policy treatment based on subscriber profile and current location information.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Policy Events Feed for Analytics – per cluster Metric	<p>This product provides access to Policy Management, Analytics functionality. It includes the ability to generate Policy Event Record (PER) and Policy Reference Data (PRD) information based on observed criteria and behavior with the MPE.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Pass Management and Top Up – per cluster Metric	<p>This product provides access to Pass Management and Top Up functionality. It includes the ability to overwrite the basic quota allowance through Passes, Top-ups and Roll-Overs.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

Product	Subproduct	Licensing Description
	Enhanced Quota Management – per cluster Metric	<p>This product provides access to Enhanced Quota Management functionality which includes dynamic grant of pooled quota.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Enhanced Subscriber Notification Management – per cluster Metric	<p>This product provides access to Enhanced Subscriber Notification including, email, secondary SMS address support, ability to acknowledge receipt of an SMS to handset and log an event.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Diameter over SCTP – per cluster Metric	<p>This product provides access to Diameter over Stream Control Transmission Protocol (SCTP) functionality with Multihoming support for MPE and MRA systems.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p>Oracle Communications, Policy management, Multiprotocol Routing Agent (base fee) – optional.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Table Driven Policies – per cluster Metric	<p>This product provides access to Table driven policy configuration for efficient and faster implementation of Policy rules.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

Product	Subproduct	Licensing Description
	AVP Wizard – per cluster Metric	<p>This product provides access to AVP Wizard functionality for configuring and provisioning 3<sup>rd</sup> party custom AVPs in Policy rules.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Oracle Communications Policy Management, Management Agent – per cluster Metric	<p>This product provides access to Management Agent functionality which includes collection of topology and network information for use with PCMM message routing and policy decisions.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Oracle Communications Policy Management, Bandwidth on Demand Application manager – per cluster Metric	<p>This product provides access to Bandwidth on Demand Application Manager (BoDAM) functionality. It allows applications to request the setup and teardown of Quality of Service (QoS) resources within broadband network via SOAP based RPC and/or pure HTTP request interface.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Multimedia Policy Engine (base fee)</p> <p>Oracle Communications, Policy management, Configuration Management Platform (base fee)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Bandwidth On Demand Application Manager Geo-Redundancy – per cluster Metric	<p>This product provides access to BoD Application Manager Geo-Redundancy that enables session state failover between primary and secondary site.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>Oracle Communications, Policy management, Bandwidth on Demand Application Manager</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

Product	Subproduct	Licensing Description
	Cable Single Application Capacity 1K Subscribers	<p>This product determines the allowed number of unique concurrent subscribers access to a specified application or service at any one time, within a Policy Management network consisting of one or more multimedia policy engines managed by a single active configuration management platform.</p> <p><b>Prerequisites:</b></p> <p>This product requires the Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Cable Multi Application Capacity 1K Subscribers	<p>This product determines the allowed number of unique concurrent subscribers access to multiple applications, within a Policy Management network consisting of one or more multimedia policy engines managed by a single active configuration management platform.</p> <p><b>Prerequisites:</b></p> <p>This product requires the Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Single Application License 1K Sessions	<p>This product determines the allowed number of unique concurrent sessions to a specified application or service at any one time, within a Policy Management network consisting of one or more multimedia policy engines managed by a single active configuration management platform.</p> <p><b>Prerequisites:</b></p> <p>This product requires the Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Policy Feature Bundle 500 Transactions Per Second	<p>This product determines the number of transactions per second (TPS) allowed within a Policy Management network consisting of one or more multimedia policy engines (MPEs) managed by a single active configuration management platform (CMP).</p> <p>Policy Management, Transactions Per Second number represents the peak TPS measured based on highest busy hour load within a given Policy Management network.</p> <p><b>Prerequisites:</b></p> <p>This product requires the Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

Product	Subproduct	Licensing Description
	M2M License per 1K block of devices	<p>This product determines the number of M2M device subscriptions allowed within a Policy Management network consisting of one or more multimedia policy engines managed by a single active configuration management platform. The license provides access to Mobile Base, Quota, DPI, Time of Day, Gx, Roaming functionality.</p> <p><b>Prerequisites:</b></p> <p>This product requires the Oracle Communications, Policy Management Multimedia Policy Engine and Configuration Management Platform.</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Stateful Dynamic MRA – per cluster Metric	<p>This product provides access to stateful dynamic MRA functionality which includes preserving session binding information and routing any subsequent sessions for the same subscriber to the same MPE.</p> <p>This product is available on a per cluster basis where a cluster is defined as an active/standby pair of servers and optionally a spare for geo-redundant deployments.</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multiprotocol Routing Agent (MRA) and Configuration Management Platform (CMP)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Enhanced System Backup	<p>This product provides</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multiprotocol Routing Agent (MRA) and Configuration Management Platform (CMP)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Oracle Communications Policy Management, Fixed Mobile	<p>This product provides</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multiprotocol Routing Agent (MRA) and Configuration Management Platform (CMP)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Oracle Communications Policy Management, LTE	<p>This product provides</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multiprotocol Routing Agent (MRA) and Configuration Management Platform (CMP)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>



Product	Subproduct	Licensing Description
	Oracle Communications Policy Management, OTT Services Basic - Server Perpetual	<p>This product provides</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multiprotocol Routing Agent (MRA) and Configuration Management Platform (CMP)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>
	Oracle Communications Policy Management, Policy Event Records Distribution	<p>This product provides</p> <p><b>Prerequisites:</b></p> <p>This product requires Oracle Communications, Policy Management Multiprotocol Routing Agent (MRA) and Configuration Management Platform (CMP)</p> <p><b>Restrictions:</b></p> <p>This product is for legacy customer applications only.</p>

## Third-Party Commercial and Open Source Software

### Commercial Software

Commercial software used in Oracle Communications Policy Management is identified in the following table with the following license notes, restrictions, and disclaimers.

Vendor	Product(s) and Version(s)	Functionality	Licensing Description/Disclaimer
Ireasoning Inc.	SNMP Libraries (Java)	SNMP Agent	Used under license from Ireasoning Inc. All rights reserved.

# Open Source Disclosure

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of This product.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by This product. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by This product. You must supply a copy of This product. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of This product. Also, you must do one of these things:

- 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.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by This product, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under This product. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under This product. However, parties who have received copies, or rights, from you under This product will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept This product, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept This product. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of This product to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with This product.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of This product, they do not excuse you from the conditions of This product. If you cannot distribute so as to satisfy simultaneously your obligations under This product and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and This product would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of

that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of This product.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under This product may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, This product incorporates the limitation as if written in the body of This product.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of This product which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

## NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

# APPENDIX C - GNU General Public License, version 3 (GPL-3.0)

## Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you This product giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

### *0. Definitions.*

“This product” refers to version 3 of the GNU General Public License.

“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

“The Program” refers to any copyrightable work licensed under This product. Each licensee is addressed as “you”. “Licensees” and “recipients” may be individuals or organizations.

To “modify” a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a “modified version” of the earlier work or a work “based on” the earlier work.

A “covered work” means either the unmodified Program or a work based on the Program.

To “propagate” a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To “convey” a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays “Appropriate Legal Notices” to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under This product, and how to view a copy of This product. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

### *1. Source Code.*

The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.

A “Standard Interface” means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The “System Libraries” of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A “Major Component”, in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The “Corresponding Source” for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work’s System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

## ***2. Basic Permissions.***

All rights granted under This product are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This product explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by This product only if the output, given its content, constitutes a covered work. This product acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of This product in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

## ***3. Protecting Users' Legal Rights From Anti-Circumvention Law.***

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under This product with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

## ***4. Conveying Verbatim Copies.***

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that This product and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of This product along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

## ***5. Conveying Modified Source Versions.***

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under This product and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

- c) You must license the entire work, as a whole, under This product to anyone who comes into possession of a copy. This product will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This product gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an “aggregate” if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation’s users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause This product to apply to the other parts of the aggregate.

## *6. Conveying Non-Source Forms.*

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of This product, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by This product, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A “User Product” is either (1) a “consumer product”, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, “normally used” refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or



expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

“Installation Information” for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

## **7. Additional Terms.**

“Additional permissions” are terms that supplement the terms of This product by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in This product, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by This product without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of This product, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of This product with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of This product; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered “further restrictions” within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by This product along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under This product, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

### ***8. Termination.***

You may not propagate or modify a covered work except as expressly provided under This product. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under This product (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of This product, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of This product (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under This product. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

### ***9. Acceptance Not Required for Having Copies.***

You are not required to accept This product in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than This product grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept This product. Therefore, by modifying or propagating a covered work, you indicate your acceptance of This product to do so.

### ***10. Automatic Licensing of Downstream Recipients.***

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to This product. You are not responsible for enforcing compliance by third parties with This product.

An “entity transaction” is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under This product. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under This product, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

## **11. Patents.**

A “contributor” is a copyright holder who authorizes use under This product of the Program or a work on which the Program is based. The work thus licensed is called the contributor's “contributor version”.

A contributor's “essential patent claims” are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by This product, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, “control” includes the right to grant patent sublicenses in a manner consistent with the requirements of This product.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a “patent license” is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To “grant” such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of This product, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of This product, to extend the patent license to downstream recipients. “Knowingly relying” means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

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