

**Oracle® Communications  
IP Service Activator**

Licensing Information User Manual

Release 7.3.4

**E76249-01**

June 2016

Copyright © 2000, 2016, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

# Contents

<b>Introduction.....</b>	<b>1</b>
<b>Licensing Information .....</b>	<b>2</b>
<b>Third-Party Notices .....</b>	<b>13</b>
Commercial Software .....	13
Open Source Software .....	13
<b>Third-Party Licenses.....</b>	<b>15</b>
Apache License, Version 2.0.....	15
OpenSSL License .....	17
Tom Sawyer Software Terms of Use .....	19
zlib License.....	20



## Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, special license rights, and/or separately licensed third party technology terms associated with the Oracle software program(s) covered by this document (the “Program(s)”). Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the Oracle Software Delivery Cloud website (<https://edelivery.oracle.com>) or from media Oracle may provide. If you have a question about your license rights and obligations, please contact your Oracle sales representative, review the information provided in Oracle’s Software Investment Guide (<http://www.oracle.com/us/corporate/pricing/software-investment-guide/index.html>), and/or contact the applicable Oracle License Management Services representative listed on <http://www.oracle.com/us/corporate/license-management-services/index.html>.

## Licensing Information

Product	Subproduct	Licensing Description
<p>Oracle Communications IP Service Activator</p>	<p>Oracle Communications IP Service Activator – Provider Edge</p>	<p>Oracle Communications IP Service Activator allows a service provider to:</p> <ul style="list-style-type: none"> <li>• Discover network elements into IP Service Activator.</li> <li>• Manage network topologies (network groupings and hierarchy, maps).</li> <li>• Perform user and user group administration.</li> <li>• Monitor the health of installed and running product components.</li> </ul> <p>For IP/MPLS Core and Metro Ethernet networks, the Provider Edge (PE) device is the gateway that connects to the customer network, either at the Layer 3 (L3) (for IP/MPLS services) or at the Layer 2 (L2) (for Ethernet VLAN services). It is typically an IP router or Multi-Service platform/router (for IP/MPLS SAPs), or an Ethernet switch (for Metro Ethernet SAPs).</p> <p><b>Restrictions:</b></p> <p>Oracle Communications IP Service Activator – Provider Edge licensing is restricted to the use of a Provider Edge device. Licensing for a Customer Edge device must be purchased separately.</p> <p><b>Prerequisites:</b></p> <p>A minimum of one Service Module and one Service Cartridge must be licensed in order to be able to use Oracle Communications IP Service Activator for its intended activation use.</p> <p>Oracle Database Server Standard Edition 2 must be licensed separately.</p> <p>Oracle WebLogic Server Enterprise Edition or Oracle WebLogic Suite for Oracle Applications must be licensed separately when using the following capabilities of IP Service Activator: Web Services API.</p>
<p>Oracle Communications IP Service Activator</p>	<p>Oracle Communications IP Service Activator – Customer Edge</p>	<p>Oracle Communications IP Service Activator allows a service provider to:</p> <ul style="list-style-type: none"> <li>• Discover network elements into IP Service Activator.</li> <li>• Manage network topologies (network groupings and hierarchy, maps).</li> <li>• Perform user and user group administration.</li> <li>• Monitor the health of installed and running product components.</li> </ul> <p>For IP/MPLS Core and Metro Ethernet networks, the Customer Edge (CE) device is generally installed on the customer premise and connects to the service provider network. It is typically an IP router (for L3 connectivity) or an Ethernet switch (for L2 Ethernet connectivity).</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Customer Edge licensing is restricted to the use of Customer Edge device. Licensing for a Provider Edge device must be purchased separately.</li> <li>• Oracle Communications IP Service Activator – Customer Edge licensing can be solely used for Customer Edge devices that are managed by the service provider, on behalf of the customer, and for which Oracle</li> </ul>

Product	Subproduct	Licensing Description
		<p>Communications IP Service Activator is used to activate/manage services. This is referred to as a "Managed CE" service.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• A minimum of one Service Module and one Service Cartridge must be licensed in order to be able to use Oracle Communications IP Service Activator for its intended activation use.</li> <li>• Oracle Database Server Standard Edition 2 must be licensed separately.</li> <li>• Oracle WebLogic Server Enterprise Edition or Oracle WebLogic Suite for Oracle Applications must be licensed separately when using the following capabilities of IP Service Activator: Web Services API.</li> </ul>
Oracle Communications IP Service Activator Cartridges: Device Cartridges	Oracle Communications IP Service Activator Cartridge for Cisco IOS Interface Configuration Management	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS Interface Configuration Management supports interface specific configuration.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Module – Interface Configuration Management</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Cisco IOS IP Multicast	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS IP Multicast supports native IP Multicasting on routers (typically CE devices).</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Module – IP Multicast</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Cisco IOS IPsec	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS IPsec supports IPsec end-points into a VRF, otherwise called VRF-aware IPsec.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Cartridge for Cisco IOS L3 VPN and Oracle Communications IP Service Activator Module – IPsec VPN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Cisco IOS L3 VPN	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS L3 VPN supports L3 MPLS VPNs.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider</li> </ul>

Product	Subproduct	Licensing Description
		<p>Edge or Oracle Communications IP Service Activator – Customer Edge (CE in case of VRF Lite usage)</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator Module – L3 MPLS VPN or Oracle Communications IP Service Activator Module – VRF Lite</li> </ul>
	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS MPLS-TE LSP</p>	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS MPLS-TE LSP supports RSVP-based TE LSPs (Label Switched Paths).</p> <p><b>Prerequisites:</b> Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Module – MPLS-TE LSP</li> </ul>
	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS Multicast VPN</p>	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS Multicast VPN supports Multicasting over L3 MPLS VPNs.</p> <p><b>Prerequisites:</b> Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Cartridge for Cisco IOS L3 VPN and Oracle Communications IP Service Activator Module – VPN Multicast</li> </ul>
	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS PWE</p>	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS PWE supports L2 MPLS point-to-point connections based on Martini draft.</p> <p><b>Prerequisites:</b> Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Module – L2 MPLS Martini VPN</li> </ul>
	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS QoS</p>	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS QoS supports Quality of Service configuration, including Cisco MQC PHBs.</p> <p><b>Prerequisites:</b> Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>Oracle Communications IP Service Activator Module – QoS</li> </ul>
	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS VLAN</p>	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS VLAN supports 802.1q.</p> <p><b>Prerequisites:</b> Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> </ul>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator Module – Metro Ethernet VLAN</li> </ul>
	Oracle Communications IP Service Activator Base Cartridge for Cisco IOS XR	<p>Oracle Communications IP Service Activator Base Cartridge for Cisco IOS XR supports Configuration Template Module and is extensible via the Cartridge Software Development Kit.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Cartridge for Cisco IOS XR Interface Configuration Management	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS XR Interface Configuration Management supports interface specific configuration.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>Oracle Communications IP Service Activator Module – Interface Configuration Management</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Cisco IOS XR L2 MPLS VPN	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS XR L2 VPN supports Virtual Leased Line (VLL) and Virtual Private LAN Service (VPLS) (LDP and BGP-based).</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Module – L2 MPLS VPN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Cisco IOS XR L3 VPN	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS XR L3 VPN supports L3 MPLS VPNs.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge (CE in case of VRF Lite usage)</li> <li>Oracle Communications IP Service Activator Module – L3 MPLS VPN or Oracle Communications IP Service Activator Module – VRF Lite</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Cisco IOS XR MPLS LSP	<p>Oracle Communications IP Service Activator Cartridge for Cisco IOS XR MPLS LSP supports RSVP-based TE LSPs (Label Switched Paths).</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Module – MPLS-TE LSP</li> </ul>
	Oracle	Oracle Communications IP Service Activator Cartridge for Cisco IOS

Product	Subproduct	Licensing Description
	Communications IP Service Activator Cartridge for Cisco IOS XR QoS	XR QoS supports Quality of Service configuration, including Cisco MQC PHBs. <b>Prerequisites:</b> Requires licensing of the following: <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Module – QoS</li> </ul>
	Oracle Communications IP Service Activator Base Cartridge for Juniper JUNOS	Oracle Communications IP Service Activator Base Cartridge for Juniper JUNOS supports Configuration Template Module and is extensible via the Cartridge Software Development Kit. <b>Prerequisites:</b> Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.
	Oracle Communications IP Service Activator Cartridge for Juniper JUNOS Interface Configuration Management	Oracle Communications IP Service Activator Cartridge for Juniper JUNOS Interface Configuration Management supports interface specific configuration. <b>Prerequisites:</b> Requires licensing of the following: <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Module – Interface Configuration Management</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Juniper JUNOS L2 MPLS VPN	Oracle Communications IP Service Activator Cartridge for Juniper JUNOS L2 VPN supports Virtual Leased Line (VLL) and Virtual Private LAN Service (VPLS) (LDP and BGP-based). <b>Prerequisites:</b> Requires licensing of the following: <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge</li> <li>• Oracle Communications IP Service Activator Module – L2 MPLS VPN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Juniper JUNOS L3 VPN	Oracle Communications IP Service Activator Cartridge for Juniper JUNOS L3 VPN supports L3 MPLS VPNs. <b>Prerequisites:</b> Requires licensing of the following: <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge (CE in case of VRF Lite usage)</li> <li>• Oracle Communications IP Service Activator Module – L3 MPLS VPN or Oracle Communications IP Service Activator Module – VRF Lite</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Brocade Ironware L3 VPN	Oracle Communications IP Service Activator Cartridge for Brocade Ironware L3 VPN supports L3 MPLS VPNs. <b>Prerequisites:</b> Requires licensing of the following: <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider</li> </ul>

Product	Subproduct	Licensing Description
		Edge <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator Module – L3 MPLS VPN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Brocade Ironware QoS	Oracle Communications IP Service Activator Cartridge for Brocade QoS supports Quality of Service configuration <p><b>Prerequisites:</b></p> Requires licensing of the following: <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>Oracle Communications IP Service Activator Module – QoS</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Brocade Ironware VLAN	Oracle Communications IP Service Activator Cartridge for Brocade Ironware VLAN supports 802.1q. <p><b>Prerequisites:</b></p> Requires licensing of the following: <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>Oracle Communications IP Service Activator Module – Metro Ethernet VLAN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Brocade Ironware VLL	Oracle Communications IP Service Activator Cartridge for Brocade Ironware VLL supports L2 MPLS point-to-point VPNs based on Martini draft. <p><b>Prerequisites:</b></p> Requires licensing of the following: <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Module – L2 MPLS Martini VPN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Brocade Ironware VPLS	Oracle Communications IP Service Activator Cartridge for Brocade Ironware VPLS supports L2 MPLS Ethernet multipoint-to-multipoint connections based on Lasserre draft. <p><b>Prerequisites:</b></p> Requires licensing of the following: <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Module – VPLS</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Huawei VRP L3 VPN	Oracle Communications IP Service Activator Cartridge for Huawei VRP L3 VPN supports L3 MPLS VPNs. <p><b>Prerequisites:</b></p> Requires licensing of the following: <ul style="list-style-type: none"> <li>Oracle Communications IP Service Activator – Provider Edge</li> <li>Oracle Communications IP Service Activator Module – L3 MPLS VPN</li> </ul>

Product	Subproduct	Licensing Description
	Oracle Communications IP Service Activator Cartridge for Huawei VRP MPLS LSP	<p>Oracle Communications IP Service Activator Cartridge for Huawei VRP MPLS LSP supports MPLS RSVP-based TE LSPs.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge</li> <li>• Oracle Communications IP Service Activator Module – MPLS-TE LSP</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Huawei VRP PWE	<p>Oracle Communications IP Service Activator Cartridge for Huawei VRP PWE supports L2 MPLS point-to-point VPNs based on Martini draft.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge</li> <li>• Oracle Communications IP Service Activator Module – L2 MPLS Martini VPN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Huawei VRP QoS	<p>Oracle Communications IP Service Activator Cartridge for Huawei VRP QoS supports Quality of Service configuration</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Module – QoS</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Huawei VRP IPsec VPN	<p>Oracle Communications IP Service Activator Cartridge for Huawei VRP IPsec VPN supports IPsec end-points into a VRF, otherwise called VRF-aware IPsec.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Cartridge for Huawei VRP L3 VPN and Oracle Communications IP Service Activator Module – IPsec VPN</li> </ul>
	Oracle Communications IP Service Activator Cartridge for Cisco CatOS VLAN	<p>Oracle Communications IP Service Activator Cartridge for Cisco CatOS VLAN supports 802.1q.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Module – Metro Ethernet VLAN</li> </ul>
	Oracle Communications IP Service Activator	<p>Oracle Communications IP Service Activator Cartridge for Cisco CatOS QoS supports Layer 2 Ethernet Quality of Service configuration.</p>

Product	Subproduct	Licensing Description
	Cartridge for Cisco CatOS QoS	<p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge</li> <li>• Oracle Communications IP Service Activator Module – QoS</li> </ul>
Oracle Communications IP Service Activator Modules: Service Management	Oracle Communications IP Service Activator Module – Interface Configuration Management	<p>Oracle Communications IP Service Activator Module – Interface Configuration Management supports the models for specifying configuration parameters against interfaces (e.g., Serial or Gigabit Ethernet port) and for creating interfaces (e.g., loopback interface) or sub-interfaces (e.g., Ethernet VLAN sub, ATM PVC sub). This model also includes the Interface Policy registration mechanism, which allows you to specify how and when to use particular Interface policies.</p> <p>Note that the interface models supported for each vendor is specific to the list of Interface policies implemented in the related vendor service cartridges.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Module – IP Multicast	<p>Oracle Communications IP Service Activator Module – IP Multicast supports the model for designing and specifying configuration parameters for IP Multicast service, generally configured on Customer Edge <b>devices</b>.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Module – IPsec VPN	<p>Oracle Communications IP Service Activator Module – IPsec VPN supports the model for designing and specifying configuration parameters for VRF-Aware IPsec (IP Security) services. IPsec provides secure encryption and authentication for IP traffic.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge</li> <li>• Oracle Communications IP Service Activator Module – L3 MPLS VPN (since the VRF-Aware IPsec services relies on a L3 MPLS VPN to be created)</li> </ul>
	Oracle Communications IP Service Activator Module – L2 MPLS Martini VPN	<p>Oracle Communications IP Service Activator Module – L2 MPLS Martini VPN supports the model for designing and specifying configuration parameters for Layer 2 MPLS point-to-point service, often referred to as “Martini draft”, PseudoWire (PWE) or Virtual Leased Line (VLL).</p> <p>This is a Provider Edge-based service.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge.</p> <p>(note that Customers may prefer to license the more recent L2 MPLS VPN module, if appropriate)</p>

Product	Subproduct	Licensing Description
	Oracle Communications IP Service Activator Module – L2 MPLS VPN	<p>Oracle Communications IP Service Activator Module – L2 MPLS VPN supports the model for designing and specifying configuration parameters for Layer 2 MPLS VPN, including Virtual Leased Line (VLL) and Virtual Private LAN Service (VPLS) (LDP and BGP-based).</p> <p>This is a Provider Edge-based service.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge.</p>
	Oracle Communications IP Service Activator Module – L3 MPLS VPN	<p>Oracle Communications IP Service Activator Module – L3 MPLS VPN supports the model for designing and specifying configuration parameters for Layer 3 MPLS VPN service, including IP routing support for eBGP, OSPF, RIP, EIGRP, and static routing.</p> <p>This is a Provider Edge-based service.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge.</p>
	Oracle Communications IP Service Activator Module – Metro Ethernet VLAN	<p>Oracle Communications IP Service Activator Module – Metro Ethernet VLAN supports the model for designing and specifying configuration parameters for Virtual LANs on Ethernet switches. There are two VLAN activation and management methods available:</p> <ul style="list-style-type: none"> <li>• Policy-based – using VLAN Configuration Policies, which can be applied from the network down to ports, with role-base inheritance support.</li> <li>• VLAN Manager – an EMS-like method for managing VLANs in a network (note that the VLAN Manager does not have an API).</li> </ul> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Module – MPLS-TE LSP	<p>Oracle Communications IP Service Activator Module – MPLS-TE LSP supports the model for designing and specifying configuration parameters for MPLS Traffic Engineering LSPs (paths) over MPLS networks. There are two MPLS-TE LSP activation and management methods available:</p> <ul style="list-style-type: none"> <li>• Policy-based – using the LSP Configuration Policy from a path-originating device and port.</li> <li>• MPLS LSP Module – an EMS-like method to managing LSPs in a network.</li> </ul> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge.</p>
	Oracle Communications IP Service Activator Module – QoS	<p>Oracle Communications IP Service Activator Module – QoS supports the model for designing and specifying configuration parameters for Quality of Service, including Traffic Classification, Policing, Queuing, Shaping, Access Control, etc.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle	Oracle Communications IP Service Activator Module – VPLS

Product	Subproduct	Licensing Description
	Communications IP Service Activator Module – VPLS	<p>supports the model for designing and specifying configuration parameters for multi-point Layer 2 MPLS VPNs: Virtual Private LAN Services. VPLS topology supported is full-mesh.</p> <p>This is a Provider Edge-based service.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge.</p> <p>(Note that customers may prefer to license the more recent L2 MPLS VPN module, if appropriate.)</p>
	Oracle Communications IP Service Activator Module – VPN Multicast	<p>Oracle Communications IP Service Activator Module – VPN Multicast supports the model for designing and specifying configuration parameters for VPN Multicast service. This effectively allows multicasting over an existing L3 MPLS VPN, and will get configured on Provider Edge devices only.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of the following:</p> <ul style="list-style-type: none"> <li>• Oracle Communications IP Service Activator – Provider Edge</li> <li>• Oracle Communications IP Service Activator Module – L3 MPLS VPN (since the VRF-Aware IPsec services relies on a L3 MPLS VPN to be created)</li> </ul>
	Oracle Communications IP Service Activator Module – VRF Lite	<p>Oracle Communications IP Service Activator Module – VRF Lite supports the model for designing and specifying configuration parameters for VRF Lite services, which allow for creation of Virtual Router functionality on Customer Edge devices, often used for VPN extensions to the CE LAN ports (with multiple customers or departments sharing same CE device, but looking for traffic segregation).</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Customer Edge.</p>
Oracle Communications IP Service Activator Modules: OSS Integration & Service Assurance	Oracle Communications IP Service Activator Module – Configuration Template Module	<p>Oracle Communications IP Service Activator Module – Configuration Template Module allows service providers to create their own configuration templates as simple extensions to Oracle Communication IP Service Activator activation capabilities.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Module – Generic Exporter	<p>Oracle Communications IP Service Activator Module – Generic Exporter allows service providers to bulk-extract any data (configurable) out of IP Service Activator and transform it via a configurable .xslt mechanism to adjust the format of the requesting application (such as Service Assurance apps).</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Module – InfoVista	<p>Oracle Communications IP Service Activator Module – InfoVista Integration provides a Generic Exporter license pre-configured for InfoVista (Performance Management), and adaptable for the specific requirements of a service provider.</p>

Product	Subproduct	Licensing Description
	Integration	<p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Module – Micromuse Netcool Omnibus	<p>Oracle Communications IP Service Activator Module – Micromuse Netcool Omnibus provides a Generic Exporter license pre-configured for Micromuse (Fault Management), and adaptable for the specific requirements of a service provider.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>
	Oracle Communications IP Service Activator Module – Cartridge Software Development Kit	<p>Oracle Communications IP Service Activator Module – Cartridge Software Development Kit provides the ability for service providers and systems integrators to develop new cartridges for new vendors or add service cartridges for existing vendor service cartridges.</p> <p><b>Prerequisites:</b></p> <p>Requires licensing of Oracle Communications IP Service Activator – Provider Edge or Oracle Communications IP Service Activator – Customer Edge.</p>

## Third-Party Notices

### Commercial Software

Commercial software used in Oracle Communications IP Service Activator is identified in the following table with the following license notes, restrictions, and disclaimers.

Commercial software products or components distributed in Oracle Communications IP Service Activator are identified in the following table along with the applicable licensing information.

Provider	Component(s)	Functionality	Licensing Information
3SP Ltd	J2SSH Maverick Professional	SSH	<a href="http://3sp.com/content/developer/maverick-net/LICENSE.html">http://3sp.com/content/developer/maverick-net/LICENSE.html</a>
Tom Sawyer Software	Graph Layout Toolkit	Graphics	<a href="http://www.tomsawyer.com/home/termsfuse.php">http://www.tomsawyer.com/home/termsfuse.php</a> For a copy of this license, see <a href="#">Tom Sawyer Software Terms of Use</a> .

### Open Source Software

Required notices for open source software products or components distributed in Oracle Communications IP Service Activator are identified in the following table along with the applicable licensing information.

Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party open source software.

Provider	Component(s)	Functionality	Licensing Information
Apache Software Foundation	Apache Commons Codec 1.9	App Server	The following applies to all products licensed under the Apache 2.0 License: You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.") You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> . For a copy of the license, see <a href="#">Apache License, Version 2.0</a> .
	Apache Commons IO 2.4	App Server	
	Apache Commons Pool 1.5.6	App Server	
	Apache Commons Net (3.3)	App Server	
	log4j 1.3	Logging	
	Velocity 1.7	Templating engine	
	Xalan-C++ 1.11	XSLT Stylesheet	
	Xerces 3.1.3	XML Parser	

Provider	Component(s)	Functionality	Licensing Information
	Groovy 2.4.5	Dynamic scripting language	
	XmlBeans 2.4.0	XML DevKit	
Jean-loup Gailly and Mark Adler	Zlib 1.2.8	Scripting	<p><a href="http://dev.mysql.com/doc/refman/5.0/en/license-zlib.html">http://dev.mysql.com/doc/refman/5.0/en/license-zlib.html</a></p> <p>Oracle gratefully acknowledges the contributions of Jean-loup Gailly and Mark Adler in creating the zlib general purpose compression library which is used in this product.</p> <p>For a copy of the license, see <a href="#">zlib License</a>.</p> <p>RFCs (Request for Comments) 1950 to 1952 in the files <a href="http://www.ietf.org/rfc/rfc1950.txt">http://www.ietf.org/rfc/rfc1950.txt</a> (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).</p>
OpenSSL Project	Open SSL 1.0.1r	Open SSL	<p>The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.</p> <p>For a copy of the licenses, see <a href="#">OpenSSL License</a>.</p>

## Third-Party Licenses

### Apache License, Version 2.0

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License").

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>.

Unless/ required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

“Contributor” shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. **Grant of Copyright License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. **Grant of Patent License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. **Redistribution.** You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - a. You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - b. You must cause any modified files to carry prominent notices stating that You changed the files; and
  - c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - d. If the Work includes a “NOTICE” text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. **Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. **Trademarks.** This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. **Disclaimer of Warranty.** Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. **Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

## OpenSSL License

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style.

### OpenSSL License

Copyright (c) 1998-2004 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:  
 "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org).
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment:  
 "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

DAMAGE. This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com))

### Original SSLeay License

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com).

The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are aheared to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed.

If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used.

This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: "This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

The word 'cryptographic' can be left out if the rouines from the library being used are not cryptographic related :-).

4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:

"This product includes software written by Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com))"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence [including the GNU Public Licence.]

## Tom Sawyer Software Terms of Use

Welcome to the Tom Sawyer Software Website

By using the Tom Sawyer Software Website ("Site"), you agree to comply with and be bound by this Terms of Use Agreement ("Agreement"). Therefore, please review the Agreement carefully. If you do not agree with the Agreement, do not use this Site.

### Acceptance

By using this Site, you agree to the terms and conditions of this Agreement, which constitutes the entire agreement between you and Tom Sawyer Software. This Agreement supersedes all prior and contemporaneous agreements, representations, warranties, and understandings, whether oral or written, with respect to the Site, the Site contents, and any services provided on the Site. In the event of any conflict between this Agreement and any other agreement or understanding related to the Site, this Agreement shall govern and control.

### Amendments

Tom Sawyer Software may amend this Agreement from time to time, and your only notice of such amendment shall be the posting of an amended or updated Agreement on this Site. You are therefore advised to review this Agreement each time you visit the Site.

### Limited Right to Use

The Site and the contents herein are the intellectual property of Tom Sawyer Software and its licensors and are protected by applicable copyright, trademark, and proprietary rights. Viewing, printing, or downloading of any content, graphic, form, or document from this Site grants you only a limited non-exclusive license for your personal use and does not authorize republication, distribution, assignment, sublicense, sale, or preparation of derivative works unless you have received Tom Sawyer Software's express written permission for such use. No part of any content, form, or document may be reproduced in any form or incorporated into any information retrieval system, whether electronic or mechanical, other than for your personal, not-for-profit use. You may link to this Site, but such linking must be restricted to the Tom Sawyer Software home page only. In order to protect our intellectual property, Tom Sawyer Software does not permit deep linking. Tom Sawyer Software reserves all rights not expressly granted herein.

### Links to Third-Party Websites

Tom Sawyer Software may provide links from the Site to third-party websites and also may permit third parties ("Other Sites") to link to the Site. Content on Other Sites is not under Tom Sawyer Software's control, and Tom Sawyer Software is not responsible for such content. If Tom Sawyer Software provides a link to the Other Site, it is provided only as a convenience to you and should not be implied as an endorsement of another organization, website, or product. Links to this Site from the Other Site, especially those links giving you unrestricted access to Tom Sawyer Software's software, should not be implied either as a permitted link or as an endorsement of another organization, website, or product.

## **Privacy Policy**

Please review the Tom Sawyer Software privacy policy. By using this Site, you agree that Tom Sawyer Software's privacy policy is part of the Agreement and may be updated from time to time without specific notice to you.

## **Feedback and Unsolicited Submissions**

Unless you agree to the following terms, Tom Sawyer Software asks that you not send us feedback and unsolicited submissions such as, but not limited to, ideas for improving the Site, marketing Tom Sawyer Software and its products, and enhancing Tom Sawyer Software product performance ("Submissions"). In the event that you send us Submissions, your Submissions shall automatically become the property of Tom Sawyer Software. Except for those portions of Submissions containing personal information restricted by our Privacy Policy, Tom Sawyer Software shall have the right to use the Submissions in any manner and at its sole discretion. Tom Sawyer Software shall not be required to compensate you for the Submissions.

## **Disclaimer**

THE INFORMATION ON THIS SITE IS PROVIDED "AS IS," AND ALL WARRANTIES, EXPRESS OR IMPLIED, ARE DISCLAIMED (INCLUDING BUT NOT LIMITED TO THE DISCLAIMER OF ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE).

## **Limitation of Liability**

IN NO EVENT WILL TOM SAWYER SOFTWARE BE LIABLE TO YOU FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING ANY LOST PROFITS, LOST DATA, OR LOST SAVINGS, WHETHER BASED ON BREACH OF CONTRACT, BREACH OF WARRANTY, TORT, PRODUCT LIABILITY, OR ANY OTHER LEGAL THEORY EVEN IF TOM SAWYER SOFTWARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. (If your state does not allow the exclusion or limitation of special, incidental, or consequential damages, the above exclusion or limitation may not apply to you.)

## **Governing Law**

By using this Site, you agree that this Agreement shall be governed by and construed in accordance with the laws of the State of California, United States of America, without regards to its conflict of law rules. By using this Site, you also agree that all litigation arising out of or in connection with this Agreement shall be brought in the state courts of Alameda County, State of California, United States of America, or, for matters involving federal jurisdiction, in the United States District Court for the Northern District of California.

## **zlib License**

The following software may be included in this product:

zlib

Oracle gratefully acknowledges the contributions of Jean-loup Gailly and Mark Adler in creating the zlib general purpose compression library which is used in this product.

zlib.h -- interface of the 'zlib' general purpose compression library

Copyright (C) 1995-2004 Jean-loup Gailly and Mark Adler

zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.3, July 18th, 2005

Copyright (C) 1995-2005 Jean-loup Gailly and Mark Adler

zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.5, April 19th, 2010

Copyright (C) 1995-2010 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software. Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly [jloup@gzip.org](mailto:jloup@gzip.org)

Mark Adler [madler@alumni.caltech.edu](mailto:madler@alumni.caltech.edu)