Oracle® Communications Evolved Communications Application Server

Licensing Information User Manual Release 7.0 E61936-02

May 2015



Copyright © 2000, 2015, 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

Introduction	
Licensing Information	
Third-Party Notices	
Commercial Software	
Open Source Software	3
Third-Party Licenses	6
Apache License, Version 2.0	6
D3 License	
jQuery License	
The MIT License	

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/softwareinvestment-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	Licensing Description		
Oracle Communications Evolved	Oracle Communications Evolved Communications Application Server provides a VoLTE Application Server capability for the next generation of communication technologies, such as VoLTE and VoWifi.		
Communications	Includes the following products:		
Application Server	A license to Oracle Communications Evolved Communications Application Server includes a restricted-use license to Oracle Communications Converged Application Server, Enterprise Edition. Oracle Communications Converged Application Server, Enterprise Edition is restricted for use with Oracle Communications Evolved Communications Application Server. Any use outside of Oracle Communications Evolved Communications Application Server will trigger a full-use license of Oracle Communications Converged Application Server, Enterprise Edition.		
	Prerequisites:		
	Coherence Enterprise Edition for Oracle Applications		
	Choice of Oracle Database Standard Edition or Oracle Database Enterprise Edition		
	NoSQL Database Enterprise Edition (applicable where local subscriber data storage is required)		

Third-Party Notices

Commercial Software

Commercial software products or components distributed in Oracle Communications Evolved Communications Application Server are identified in the following table along with the applicable licensing information.

Provider	Component(s)	Functionality	Licensing Information	
No commercial 3rd party software is used in this release.				

Open Source Software

Required notices for open source software products or components distributed in Oracle Communications Evolved Communications Application Server are identified in the following table along with the applicable licensing information. For the full text of each license, see Third Party Licenses in this document. 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	AVRO, Version 1.7.7	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses For a copy of the license, see Apache License, Version 2.0 .
	jackson- annotations, Version 2.3.0	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses For a copy of the license, see Apache License, Version 2.0 .
	jackson-core, Version 2.3.0	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses For a copy of the license, see Apache License, Version 2.0 .
	LMAX-Exchange disruptor, Version 3.3.0	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses For a copy of the license, see Apache License, Version 2.0 .
	log4j-api, Version 2.1 log4j-core, Version 2.1 log4j-slf4j-impl, Version 2.1	Ships with product	Apache log4j Copyright 2007 The Apache Software Foundation For a copy of the license, see Apache License, Version 2.0.

Provider	Component(s)	Functionality	Licensing Information
	log4j-web, Version 2.1		
	XMLSchema, Version 1.4.7	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses
			For a copy of the license, see Apache License, Version 2.0.
The Dojo Foundation, Technology	RequireJS, Version 2.1.15	Ships with product	Copyright © 2010-2015, The Dojo Foundation For a copy of the license, see The MIT License.
GitHub	jackson-databind, Version 2.3.0	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses For a copy of the license, see Apache License, Version
			<u>2.0</u> .
	jjv, Version 1.0.2	Ships with product	Copyright © 2012-2013 Alex Cornejo For a copy of the license, see The MIT License.
Groovy	groovy-all.jar, Version 2.3.6	Ships with product	Apache Commons CLI Copyright 2001-2009 The Apache Software Foundation
			This product includes software developed by The Apache Software Foundation
			For a copy of the license, see Apache License, Version 2.0.
Jeremy Ashkenas,	Backbone.js, Version 1.1.2	Ships with product	Copyright © 2010-2015 Jeremy Ashkenas, DocumentCloud
Technology		p. 6 d d d .	For a copy of the license, see The MIT License.
	Underscore.js, Version 1.7.0	Ships with product	Copyright © 2010-2015 Jeremy Ashkenas, DocumentCloud
			For a copy of the license, see The MIT License.
Joda.org	joda-time, Version 2.4	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses
			For a copy of the license, see Apache License, Version 2.0.
Jörn Zaefferer	jQuery Validation Plugin, Version 1.13.1	Ships with product	Copyright © 2006-2011 Zaefferer
			For a copy of the license, see The MIT License.
JQuery, Technology	JQuery, Version 2.1.1	Ships with product	Copyright 2013 jQuery Foundation and other contributors http://jquery.com/
			For a copy of the license, see The MIT License.
	jQueryUI, Version 1.11.1	Ships with product	Copyright © 2010 Paul Bakaus, http://jqueryui.com/
	70.0.011 1.71.1	product	For a copy of the license, see <u>jQuery License</u> .

Provider	Component(s)	Functionality	Licensing Information
Michael Bostock, Technology	D3 (d3.js), Version 3.4.11	Ships with product	Copyright © 2010-2015, Michael Bostock For a copy of the license, see <u>D3 License</u> .
Modernizr	Modernizr, Version 2.8.3	Ships with product	Copyright © 2009–2015 For a copy of the license, see The MIT License.
Oracle	kvclient, Version 3.0.14	Ships with product	Apache License Version 2.0, January 2004 http://www.apache.org/licenses For a copy of the license, see Apache License, Version 2.0 .
QOS.ch	slf4j-api, Version 1.7.7	Ships with product	Copyright © 2004-2013 QOS.ch All rights reserved. For a copy of the license, see The MIT License.
Steven Sanderson	Knockout.js, Version 3.2.0	Ships with product	Copyright © 2013 Steven Sanderson For a copy of the license, see The MIT License.
SNMP4J	SNMP4J, Version 2.3.1	Ships with product	Copyright © 2003-2014, SNMP4J.org All right reserved. For a copy of the license, see Apache License, Version 2.0.
Twitter, Inc	bootstrap, Version 3.2.0	Ships with product	Copyright © 2011-2015 Twitter, Inc For a copy of the license, see The MIT License.

Third-Party Licenses

Apache License, Version 2.0

Copyright 1999-2012 The Apache Software Foundation

Copyright 2005-2013 The Apache Software Foundation

Copyright © 2003-2014, SNMP4J.org

Apache Commons CLI

Copyright 2001-2009 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation

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;
 - 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

D3 License

Copyright © 2010-2015, Michael Bostock

All rights reserved.

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

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 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.
- The name Michael Bostock may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "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 MICHAEL BOSTOCK 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.

jQuery License

Copyright © 2010 Paul Bakaus, http://igueryui.com/

This software consists of voluntary contributions made by many individuals (AUTHORS.txt, http://jqueryui.com/about)

For exact contribution history, see the revision history and logs, available at http://jqueryui.googlecode.com/svn/.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY. FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The MIT License

Copyright © 2009-2015

Copyright © 2012-2013 Alex Cornejo

Copyright © 2010-2015, The Dojo Foundation

Copyright © 2010-2015 Jeremy Ashkenas, DocumentCloud

Copyright © 2004-2013 QOS.ch

Copyright © 2013 Steven Sanderson

Copyright © 2011-2015 Twitter, Inc

Copyright © 2006-2011 Zaefferer

Copyright 2013 ¡Query Foundation and other contributors

http://jquery.com/

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.