Oracle® Hospitality Simphony

Licensing Information User Manual

Release 2.10

E89809-05

September 2018

ORACLE®

Oracle® Hospitality Simphony
Licensing Information User Manual
Version 2.10

Contents

Preface

This document contains licensing information for Oracle Hospitality Simphony.

Audience

This document is intended for users of Oracle Hospitality Simphony.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:
https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received and any associated log files
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at
http://docs.oracle.com/en/industries/hospitality/

Revision History

Date	Description of Change
February 2018	Initial publication
August 2018	Added Oracle Hospitality Technology Foundation for Food & Beverage as a hospitality product in Chapter 2 - Licensing Information.
September 2018	Updated Chapter 2 - Licensing Information with new Oracle Hospitality Simphony Premium and Standard Transaction Services Cloud Service subproducts and part number items.

1   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.

This document does not address infrastructure technology requirements.

2   Licensing Information

This chapter provides the following licensing information for Simphony:

- Description of products
- Prerequisite products
- Entitled products and restricted use licenses

Product	Subproduct	Licensing Information
Oracle Hospitality Simphony	Oracle Hospitality Simphony Foundation Part Number: 009790-200	**Product Editions and Permitted Features** Base license purchased once for the entire Simphony system. **Prerequisite Products** N/A **Entitled Products and Restricted Use Licenses** A license for Simphony Foundation contains a restricted-use license for Pentaho. Use of Pentaho is limited to use with Simphony Foundation and may not be used or deployed for other purposes.
	Oracle Hospitality Simphony Point-of-Sale Part Number: 009783-200	**Product Editions and Permitted Features** Required for each Simphony Point-of-Sale (POS) client connected to the system. Devices that only operate shared services (for example, Check and Posting, Kitchen Display Controller, and Printing) are not counted toward the POS license total. **Prerequisite Products** A license to use the following products are a prerequisite to license and use Simphony POS: • Oracle Hospitality Simphony Foundation • Oracle Hospitality Technology Foundation for Food & Beverage **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Kitchen Display System Part Number: 009780-200	**Product Editions and Permitted Features** Required for each Simphony Kitchen Display System (KDS) client connected to the Simphony system. This license is required even if the customer is using a non-Oracle KDS client solution. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony KDS: • Oracle Hospitality Simphony Foundation **Entitled Products and Restricted Use Licenses** N/A

	Oracle Hospitality Simphony Transaction Services Part Number: L101379	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony. This license permits a single end point to connect to Simphony. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Transaction Services: • Oracle Hospitality Simphony Foundation **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Transaction Services – Revenue Center Part Number: L101380	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony. This license provides access for an unlimited number of endpoints for an integrator within a revenue center. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Transaction Services – Revenue Center: • Oracle Hospitality Simphony Foundation **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Guest Facing Transaction Services – Revenue Center Part Number: L102928	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony from devices that guests use (for example, a tabletop ordering device or kiosk). Use of this part to integrate an employee facing solution is not permitted. This license provides access for an unlimited number of endpoints for an integrator within a revenue center. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Guest Facing Transaction Services – Revenue Center: • Oracle Hospitality Simphony Foundation **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Credit Card Interface Part Number: 009798-200	**Product Editions and Permitted Features** Enables the use of either integrated or semi-integrated devices to process credit transactions with Simphony. **Prerequisite Products**

		A license to use the following product is a prerequisite to license and use Simphony Credit Card Interface: • Oracle Hospitality Simphony Point-of-Sale **Entitled Products and Restricted Use Licenses** A license for Simphony Credit Card Interface contains a restricted-use license for Oracle Hospitality Simphony Guest Facing Transaction Services. Use of Oracle Hospitality Simphony Guest Facing Transaction Services is restricted to Pay at the Table services.
	Oracle Hospitality Simphony Fiscal Interface Part Number: L102927	**Product Editions and Permitted Features** Enables the use of fiscal integrations with Simphony. Fiscal integrations are required in many countries and typically involve communicating with a special printer or other fiscal device. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Fiscal Interface: • Oracle Hospitality Simphony Point-of-Sale **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Configuration Data Interface Part Number: L105277	**Product Editions and Permitted Features** Grants access to the Configuration Data Interface API for direct integrations. This interface is used to allow third parties to create or modify POS configuration data such as menu item prices. This interface is not required to utilize the Simphony Import Export feature, which allows for manual, file-based imports or exports. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Configuration Data Interface: • Oracle Hospitality Simphony Foundation **Entitled Products and Restricted Use Licenses** N/A
Oracle Hospitality Simphony Cloud Service	Oracle Hospitality Simphony Premium Cloud Service Part Number: B81480	**Product Editions and Permitted Features** Handles the entire operational and transaction process. Simphony Premium Cloud Service requires a minimum of 50 POS clients for each customer's provisioned Enterprise. **Prerequisite Products** N/A

		Entitled Products and Restricted Use Licenses
		A license for Simphony Cloud Service contains a restricted-use license for Oracle Hospitality Reporting and Analytics Advanced Cloud Service and Oracle Hospitality Labor Management Cloud Service. Use of Oracle Hospitality Reporting and Analytics Advanced Cloud Service and Oracle Hospitality Labor Management Cloud Service is limited to use with Simphony Cloud Service and may not be used or deployed for other purposes.
	Oracle Hospitality Simphony Standard Cloud Service Part Number: B84711	**Product Editions and Permitted Features** Handles the entire operational and transaction process. Simphony Standard Cloud Service requires a minimum of 2 POS clients for each customer's provisioned Enterprise. **Prerequisite Products** N/A **Entitled Products and Restricted Use Licenses** A license for Simphony Standard Cloud Service contains a restricted-use license for Oracle Hospitality Reporting and Analytics Advanced Cloud Service and Oracle Hospitality Labor Management Cloud Service. Use of Oracle Hospitality Reporting and Analytics Advanced Cloud Service and Oracle Hospitality Labor Management Cloud Service is limited to use with Simphony Standard Cloud Service and may not be used or deployed for other purposes.
	Oracle Hospitality Simphony Premium Transaction Services Cloud Service Part Number: B81485	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Premium Transaction Services Cloud Service: • Oracle Hospitality Simphony Premium Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Premium Transaction Services Cloud Service – Revenue Center Part Number: B3737	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Premium Transaction Services Cloud Service – Revenue Center:

		• Oracle Hospitality Simphony Premium Cloud Service
		Entitled Products and Restricted Use Licenses
		N/A
	Oracle Hospitality Simphony Premium Guest Facing Transaction Services Cloud Service – Revenue Center Part Number: B83738	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony from devices that guests use (for example, a tabletop ordering device or kiosk). Use of this part to integrate an employee facing solution is not permitted. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Premium Guest Facing Transaction Services Cloud Service – Revenue Center: • Oracle Hospitality Simphony Premium Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Standard Transaction Services Cloud Service – Transaction Services Client Part Number: B90422	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Standard Transaction Services Cloud Service: • Oracle Hospitality Simphony Standard Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Standard Transaction Services Cloud Service – Revenue Center Part Number: B90423	**Product Editions and Permitted Features** Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Standard Transaction Services Cloud Service – Revenue Center: • Oracle Hospitality Simphony Standard Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Standard	**Product Editions and Permitted Features**

	Guest Facing Transaction Services Cloud Service – Revenue Center Part Number: B90424	Allows external solutions to obtain configuration data, query check information, and post transaction data to Simphony from devices that guests use (for example, a tabletop ordering device or kiosk). Use of this part to integrate an employee facing solution is not permitted. **Prerequisite Products** A license to use the following product is a prerequisite to license and use Simphony Standard Guest Facing Transaction Services Cloud Service – Revenue Center: • Oracle Hospitality Simphony Standard Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Engagement Cloud Service Part Number: B81481	**Product Editions and Permitted Features** Add-on solution available for both Simphony Cloud Services and the Simphony Point-of-Sale Client (license). Enhances the POS client by delivering interactive content and management capabilities. **Prerequisite Products** A license to use one of the following products is a prerequisite to license and use Simphony Engagement Cloud Service: • Oracle Hospitality Simphony Premium Cloud Service - or - • Oracle Hospitality Simphony Standard Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Credit Card Interface Cloud Service Part Number: B81483	**Product Editions and Permitted Features** Enables the use of either integrated or semi-integrated devices to process credit card transactions with the Simphony Cloud Service. Includes a restricted use Oracle Hospitality Simphony Transaction Services Cloud Service – Revenue Center license, which enables solutions that provide Pay at the Table services. **Prerequisite Products** A license to use one of the following products is a prerequisite to license and use Simphony Credit Card Interface Cloud Service: • Oracle Hospitality Simphony Premium Cloud Service - or - • Oracle Hospitality Simphony Standard Cloud Service **Entitled Products and Restricted Use Licenses**

		A license for Simphony Credit Card Interface Cloud Service contains a restricted-use license for Oracle Hospitality Simphony Premium Guest Facing Transaction Services or Oracle Hospitality Simphony Standard Guest Facing Transaction Services. Use of Oracle Hospitality Simphony Premium Guest Facing Transaction Services or Oracle Hospitality Simphony Standard Guest Facing Transaction Services is restricted to Pay at the Table services.
	Oracle Hospitality Simphony Kitchen Display Services Cloud Service Part Number: B81484	**Product Editions and Permitted Features** Required for each Kitchen Display System (KDS) client connected to the Simphony system. This cloud service license is required even if the customer is using a non-Oracle KDS client solution. **Prerequisite Products** A license to use one of the following products is a prerequisite to license and use Simphony Kitchen Display Services Cloud Service: • Oracle Hospitality Simphony Premium Cloud Service - or - • Oracle Hospitality Simphony Standard Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Fiscal Interface Cloud Service Part Number: B83739	**Product Editions and Permitted Features** Enables the use of fiscal integrations with Simphony. Fiscal integrations are required in many countries and typically involve communicating with a special printer or other fiscal device. **Prerequisite Products** A license to use one of the following products is a prerequisite to license and use Simphony Fiscal Interface Cloud Service: • Oracle Hospitality Simphony Premium Cloud Service - or - • Oracle Hospitality Simphony Standard Cloud Service **Entitled Products and Restricted Use Licenses** N/A
	Oracle Hospitality Simphony Configuration Data Interface Cloud Service Part Number: B87077	**Product Editions and Permitted Features** Grants access to the Configuration Data Interface API for direct integrations. This interface is used to allow third parties to create or modify POS configuration data such as menu item prices.

		This interface is not required to utilize the Simphony Import Export feature, which allows for manual, file-based imports or exports.
		Prerequisite Products
		A license to use one of the following products is a prerequisite to license and use Simphony Configuration Data Interface Cloud Service:
		• Oracle Hospitality Simphony Premium Cloud Service - or - • Oracle Hospitality Simphony Standard Cloud Service
		Entitled Products and Restricted Use Licenses
		N/A
Oracle Hospitality Technology Foundation for Food & Beverage	Oracle Hospitality Technology Foundation for Food & Beverage - POS Client Perpetual Part Number: L101237	**Prerequisite Products**
		A license to use the following product is a prerequisite to license and use Oracle Hospitality Technology Foundation for Food & Beverage:
		• Oracle Hospitality Simphony Point-of-Sale
		Entitled Products and Restricted Use Licenses
		A license for Oracle Hospitality Technology Foundation for Food & Beverage contains restricted-use licenses for its components:
		• Oracle Database Enterprise Edition
		• Oracle Database Enterprise Edition options: RAC, RAC One Node, Active Data Guard, Partitioning, Advanced Security, Label Security, Database Vault
		• Database Enterprise Management: Diagnostics Pack, Tuning Pack
		• WebLogic Suite
		• Identity and Access Management Suite Plus
		• Business Intelligence Suite Extended Edition
		• SOA Suite for Oracle Middleware
		• Berkeley DB - Transactional Data Store
		• Berkeley DB - Concurrent Data Store
		• Mobile Application Framework
		The Oracle Hospitality Technology Foundation Programs may only be used with Oracle Hospitality Food & Beverage Programs. New reports or customizations of the included reports are allowed. Integration to third party systems is allowed via the Oracle Hospitality Interface Programs, data integration extracts, or APIs. You may not add unsupported applications to the environments created with this technology license. You are approved to host data elements originating only from Oracle Hospitality applications in the schemas

		created with this technology use. You may not host any third party data elements.

Third-Party Notices and/or Licenses

Commercial Software

No commercial software products or components requiring attribution exist for Oracle Hospitality Simphony v2.10.

Open Source Software or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Hospitality Simphony 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.

Hospitality Product	Component(s)	Licensing Information
Oracle Hospitality Simphony	Apache Log4Net Version 1.2.15	Copyright © 2006 Apache Software Foundation A copy of the License appears below. Apache License, Version 2.0
Oracle Hospitality Simphony	Bootstrap Version 3.3.6	Copyright © 2011-2015 Twitter, Inc. A copy of the License appears below. MIT License
Oracle Hospitality Simphony	cURL (libcurl) Version 7.52.1	Copyright © 1996 - 2016, Daniel Stenberg, and many contributors. All rights reserved. A copy of the License appears below. cURL License
Oracle Hospitality Simphony	iScroll Version 5.1.3	Copyright © 2008-2013 Matteo Spinelli, http://cubiq.org A copy of the License appears below. MIT License
Oracle Hospitality Simphony	jQuery Version 3.2.1	Copyright © 2011 John Resig, http://jquery.com/ A copy of the License appears below. MIT License

Hospitality Product	Component(s)	Licensing Information
Oracle Hospitality Simphony	jQuery UI Version 1.12.1	Copyright jQuery Foundation and other contributors, https://jquery.org/ This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/jquery-ui A copy of the License appears below. MIT License Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code contained within the demos directory. CC0: http://creativecommons.org/publicdomain/zero/1.0/
Oracle Hospitality Simphony	Modernizr Version 2.8.3	Copyright © 2009-2014 Modernizr A copy of the License appears below. MIT License
Oracle Hospitality Simphony	Moment.js Version 2.11.1	Copyright © 2011-2016 Tim Wood, Iskren Chernev, Moment.js contributors A copy of the License appears below. MIT License
Oracle Hospitality Simphony	NewtonSoft.Json Version 10.0.3	Copyright © 2012 by James Newton-King A copy of the License appears below. MIT License
Oracle Hospitality Simphony	NPOI Version 2.1.3.1	Copyright (c) CodePlex Foundation A copy of the License appears below. Apache License, Version 2.0
Oracle Hospitality Simphony	OpenSSL Version 1.0.2n	Copyright © 1998-2016 openssl.org All rights reserved. A copy of the License appears below. OpenSSL License
Oracle Hospitality Simphony	WebGrease Version 1.6.0	Copyright © Microsoft A copy of the License appears below. Apache License, Version 2.0

3   Licenses

APACHE 2.0

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:

1. You must give any other recipients of the Work or Derivative Works a copy of this License; and

2. You must cause any modified files to carry prominent notices stating that You changed the files; and

3. 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

4. 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

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with 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.

BSD License

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 of the author may not be used to endorse or promote products derived from this software without specific prior WRITTEN permission.
- Unless explicitly state otherwise, any contribution intentionally submitted for inclusion in this work to the copyright owner shall be under the terms and conditions of this license, without any additional terms or conditions.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``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 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.

cURL License

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2015, Daniel Stenberg.

All rights reserved.

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

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 OF THIRD PARTY RIGHTS. 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.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

MIT License

The MIT License (MIT)

Copyright (c) <year> <copyright holders>

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.

OpenSSL License

Copyright (c) 1998-2016 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.

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.

==

This product includes cryptographic software written by Eric Young
(eay@cryptsoft.com). This product includes software written by Tim
Hudson (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).

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)"

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.]