Certain portions of the product ("Open Source Components") are licensed under open source license agreements that require Avaya to make the source code for such Open Source Components available in source code format to its licensees, or that require Avaya to disclose the license terms for such Open Source Components. For a period of three years from your date of purchase of a product containing any of the software listed below from Avaya Inc., any Avaya affiliate or an authorized Avaya reseller, we will provide upon request a complete machine-readable copy of the source code for such Open Source Component on a medium customarily used for software interchange for a charge no more than our cost of physically performing source distribution. To get access to the source code, you may contact Avaya at +1-408-5623899.

The Open Source Components are provided "AS IS". 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 COPYRIGHT HOLDERS OR THE CONTRIBUTORS OF THE OPEN SOURCE COMPONENTS 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 THE PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Avaya provides a limited warranty on the Product that incorporates the Open Source Components. Refer to your customer sales agreement to establish the terms of the limited warranty. In addition, Avaya's standard warranty language as well as information regarding support for the Product, while under warranty, is available through the following web site: http://www.avaya.com/support

General

Open source software used in IP-DECT products version 13.0.X

IPBS1

Component	Version	SPDX License
dTree	2.05	LicenseRef-dTree
Gladman AES	2024-09-27	Brian-Gladman-2-Clause
micro-ecc	v1.1	BSD-2-Clause
MD4, MD5 and regular expression library	10.1	RSA-MD
from NetBSD		lsof
		BSD-3-Clause
Cipher algorithms DES, RC2 and RC4 from	3.4.0	Apache-2.0
OpenSSL		
SharedAES-GCM	v1.0	LicenseRef-Public-Domain
STLport	5.2.1	LicenseRef-STLPort
Multi precision integer (MPI) library from	0.10.1	BSD-3-Clause
tropicssl		
zlib	1.3.1	Zlib

IPBS2

Component	Version	SPDX License
dTree	2.05	LicenseRef-dTree
Gladman AES	2024-09-27	Brian-Gladman-2-Clause
micro-ecc	v1.1	BSD-2-Clause
MD4, MD5 and regular expression library	10.1	RSA-MD
from NetBSD		lsof
		BSD-3-Clause
Cipher algorithms DES, RC2 and RC4 from	3.4.0	Apache-2.0
OpenSSL		
SharedAES-GCM	v1.0	LicenseRef-Public-Domain
STLport	5.2.1	LicenseRef-STLPort
Multi precision integer (MPI) library from	0.10.1	BSD-3-Clause
tropicssl		
zlib	1.3.1	Zlib

IPBS3

Component	Version	SPDX License
dTree	2.05	LicenseRef-dTree
Gladman AES	2024-09-27	Brian-Gladman-2-Clause
Echo-cancelling algorithm from Google WebRTC	1.1.28604	BSD-3-Clause
micro-ecc	v1.1	BSD-2-Clause
MD4, MD5 and regular expression library	10.1	RSA-MD
from NetBSD		lsof
		BSD-3-Clause
Cipher algorithms DES, RC2 and RC4 from	3.4.0	Apache-2.0
OpenSSL		
SharedAES-GCM	v1.0	LicenseRef-Public-Domain
STLport	5.2.1	LicenseRef-STLPort
Multi precision integer (MPI) library from	0.10.1	BSD-3-Clause
tropicssl		
zlib	1.3.1	Zlib

IPBL1

Component	Version	SPDX License
dTree	2.05	LicenseRef-dTree
Gladman AES	2024-09-27	Brian-Gladman-2-Clause
micro-ecc	v1.1	BSD-2-Clause
MD4, MD5 and regular expression library	10.1	RSA-MD
from NetBSD		lsof
		BSD-3-Clause
Cipher algorithms DES, RC2 and RC4 from OpenSSL	3.4.0	Apache-2.0

SharedAES-GCM	v1.0	LicenseRef-Public-Domain
STLport	5.2.1	LicenseRef-STLPort
Multi precision integer (MPI) library from	0.10.1	BSD-3-Clause
tropicssl		
zlib	1.3.1	Zlib

IPVM

Component	Version	SPDX License
dTree	2.05	LicenseRef-dTree
Gladman AES	2024-09-27	Brian-Gladman-2-Clause
micro-ecc	v1.1	BSD-2-Clause
MD4, MD5 and regular expression library	10.1	RSA-MD
from NetBSD		lsof
		BSD-3-Clause
Cipher algorithms DES, RC2 and RC4 from	3.4.0	Apache-2.0
OpenSSL		
SharedAES-GCM	v1.0	LicenseRef-Public-Domain
STLport	5.2.1	LicenseRef-STLPort
Multi precision integer (MPI) library from	0.10.1	BSD-3-Clause
tropicssl		
zlib	1.3.1	Zlib

Licenses

dTree

dTree 2.05 | www.destroydrop.com/javascript/tree/

Copyright (c) 2002-2003 Geir Landro

This script can be used freely as long as all

copyright messages are intact.

Updated: 17.04.2003

Gladman AES

Copyright (c) 1998-2018, Brian Gladman, Worcester, UK. All rights reserved.

The redistribution and use of this software (with or without changes)

is allowed without the payment of fees or royalties provided that:

source code distributions include the above copyright notice, this

list of conditions and the following disclaimer;

binary distributions include the above copyright notice, this list of conditions and the following disclaimer in their documentation.

This software is provided 'as is' with no explicit or implied warranties in respect of its operation, including, but not limited to, correctness and fitness for purpose.

Google WebRTC

Copyright (c) 2011, The WebRTC project authors. 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.
- * Neither the name of Google nor the names of its contributors may 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 THE COPYRIGHT
HOLDER 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.

Micro-ecc

Copyright (c) 2014, Kenneth MacKay

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.

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 THE COPYRIGHT HOLDER 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.

NetBSD

MD4

/*

* Copyright (C) 1990-2, RSA Data Security, Inc. All rights reserved.

*

- * License to copy and use this software is granted provided that it
- * is identified as the "RSA Data Security, Inc. MD4 Message-Digest
- * Algorithm" in all material mentioning or referencing this software
- * or this function.

*

- * License is also granted to make and use derivative works provided
- * that such works are identified as "derived from the RSA Data
- * Security, Inc. MD4 Message-Digest Algorithm" in all material
- * mentioning or referencing the derived work.

*

- * RSA Data Security, Inc. makes no representations concerning either
- * the merchantability of this software or the suitability of this
- * software for any particular purpose. It is provided "as is"
- * without express or implied warranty of any kind.

*

- * These notices must be retained in any copies of any part of this
- * documentation and/or software.

*/

MD5

/*

- * Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All
- * rights reserved.

*

- * License to copy and use this software is granted provided that it
- * is identified as the "RSA Data Security, Inc. MD5 Message-Digest

- * Algorithm" in all material mentioning or referencing this software
- * or this function.

*

- * License is also granted to make and use derivative works provided
- * that such works are identified as "derived from the RSA Data
- * Security, Inc. MD5 Message-Digest Algorithm" in all material
- * mentioning or referencing the derived work.

*

- * RSA Data Security, Inc. makes no representations concerning either
- * the merchantability of this software or the suitability of this
- * software for any particular purpose. It is provided "as is"
- * without express or implied warranty of any kind.

*

- * These notices must be retained in any copies of any part of this
- * documentation and/or software.

*/

Regex

Copyright 1992, 1993, 1994 Henry Spencer. All rights reserved.

This software is not subject to any license of the American Telephone and Telegraph Company or of the Regents of the University of California.

Permission is granted to anyone to use this software for any purpose on any computer system, and to alter it and redistribute it, subject to the following restrictions:

- The author is not responsible for the consequences of use of this software, no matter how awful, even if they arise from flaws in it.
- 2. The origin of this software must not be misrepresented, either by explicit claim or by omission. Since few users ever read sources,

credits must appear in the documentation.

- 3. Altered versions must be plainly marked as such, and must not be misrepresented as being the original software. Since few users ever read sources, credits must appear in the documentation.
- 4. This notice may not be removed or altered.

/*-

- * Copyright (c) 1994
- * The Regents of the University of California. 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. Neither the name of the University nor the names of its contributors
- * may be used to endorse or promote products derived from this software
- * without specific prior written permission.

*

- * THIS SOFTWARE IS PROVIDED BY THE REGENTS 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 THE REGENTS 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.

*

@(#)COPYRIGHT

8.1 (Berkeley) 3/16/94

*/

OpenSSL

Apache License

Version 2.0, January 2004

https://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.
- 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

SharedAES-GCM

Public domain code is not subject to any license.

STLport

This software is being distributed under the following terms:

*

*

- * Copyright (c) 1994
- * Hewlett-Packard Company

*

- * Copyright (c) 1996-1999
- * Silicon Graphics Computer Systems, Inc.

*

- * Copyright (c) 1997
- * Moscow Center for SPARC Technology

*

- * Copyright (c) 1999-2003
- * Boris Fomitchev

*

- * This material is provided "as is", with absolutely no warranty expressed
- * or implied. Any use is at your own risk.

*

- * Permission to use or copy this software for any purpose is hereby granted
- * without fee, provided the above notices are retained on all copies.
- * Permission to modify the code and to distribute modified code is granted,
- * provided the above notices are retained, and a notice that the code was
- * modified is included with the above copyright notice.

*

TropicSSL

Copyright (c) 2009, StackFoundry LLC <support@stackfoundry.com>.

Based on XySSL: Copyright (c) 2006-2008, Christophe Devine.

Based on PolarSSL: Copyright (c) 2009, Paul Bakker <polarssl_maintainer at polarssl dot org> 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.
- * Neither the names of PolarSSL or XySSL nor the names of its contributors may 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 THE COPYRIGHT
OWNER 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.

Zlib

Copyright notice:

(C) 1995-2024 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:

- 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.
- 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 Mark Adler

jloup@gzip.org madler@alumni.caltech.edu