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AWS SDK for C++ 1.3.54, python-rfc3986 1.3.2

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libecap 1.0.1

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Redis-64 win-3.0.504

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libarchive 3.3.2, libuuid 2.32.1

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Redis 3.0.7

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libevent - an event notification library 2.1.12-stable

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librdkafka - the Apache Kafka C/C++ client library 0.11.1

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jemalloc 3.6.0

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curl License

curl 7.79.1

Cur1 License
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zlib License

zlib 1.2.11

The zlib/libpng License

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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.

Component	Version	Linking	Description
Crypto++	8.6.0	dynamic	Used for "N of M" key backup
gSOAP	2.8.74	static for toolkit generated code	The gSOAP tools are designed to simplify the development and deployment of SOAP/XML Web services applications in C++.
Microsoft Compiler Generated Code	NA	Static	Some people are concerned about the use of Microsoft compiler generated code within a commercial product due to the somewhat restrictive nature of some versions of some Microsoft products. For completeness, we specify the components that are automatically generated and show how the appropriate licenses allow the distribution of such code. Note that this amounts to a very small number of lines of
Microsoft DLLs	Visual C++ version 8 and 9	dynamic	Various DLLs shipped with the Windows PEM
Files for ARIA Encryption and Decryption	NA	Static	RFC 5794. ARIA is a block cipher designed in 2003 by a large group of South Korean researchers. In 2004, the Korean Agency for Technology and Standards selected it as a standard cryptographic technique.
Hadoop-common	2.6, 2.7.0, 3.0, 3.1	dynamic	The common utilities that support the other Hadoop modules.
Hadoop-hdfs	2.7.1 & 3.1	dynamic	Hadoop distributed file system

3rd Party Components - VTD Linux/Windows 6.2.1 v1

Libhdfs	2.7	dynamic	for agent to communicate with HDFS
javaassist	3.20.0		
OpenSSL	1.1.1f	dynamic	Collection of encryption/decryption functions, secure communications libraries
libcurl	7.79.1	static	A free, open source client to get documents/files from servers, using any of
libxml2 XML parser and toolkit	2.9.10	static	XML C parser and toolkit used for parsing XML sent from the security server to the
OpenLDAP	2.4.55	static	Open Source implementation of the Lightweight Directory Access Protocol
Jansson	2.10	static	json library used by agent to talk to/from docker daemon
Libarchive	3.3.2	static	used to read and write tar files by the agent - they are the image files used by the
Zlib	1.2.11		
Squid	4.17		
eCap	NA		
c-icap	NA		
Boost C++ libraries	NA		
CURL	NA		
Log4cpp	NA		
libtirpc	1.2.0		
libnsl	1.3.0		
AWS SDK for Python (Boto3)	NA		
AWS SDK Cpp	NA		
Microsoft C++ REST SDK	NA		
Microsoft Detours			
Casablanca C++ REST SDK			
jemalloc			
libevent			
librdkafka			
libuuid			
lua			

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3rd Party Components - VTD Linux/Windows 6.2.1 v1

protobuf			
Redis			

Third Party Components for CTE v7.2

Product information (Product Web page)	License Type	License Info	Server/Agent
http://www.cryptopp.com/	Boost License	https://cryptopp.com/License.txt	server
http://www.genivia.com/Products/gsoap/	Custom license, we are using commercial license	See attached file "Genivia, Inc - Commercial Use.pdf" for the executed ..	server and all agents (file, db2, IDS, RAW, key agent)
Visual Studio 2005/2008 Professional Edition	Proprietary	"MicrosoftProdu[1]...(English)(Oct05).doc" "MicrosoftProductUseRights(Worldwide)(English)(January2008)(CR).doc"	Agents
http://msdn.microsoft.com/en-us/library/ms235299.aspx	Proprietary	Refer to the following URL https://msdn.microsoft.com/en-us/library/8kche8ah(v=vs.80).aspx https://msdn.microsoft.com/en-us/library/8kche8ah(v=vs.90).aspx https://msdn.microsoft.com/en-us/library/8kche8ah(v=vs.100).aspx	Windows agent
http://www.rfc-editor.org/rfc/rfc5794.txt	Simplified BSD License	See the attached files "IETF Trust License Policy.pdf" and "ARIA notes.docx"	Agent
https://hadoop.apache.org/	Apache 2.0	See the attached file "apache_2.0.txt"	server
https://hadoop.apache.org/docs/r1.2.1/hdfs_design.html	Apache 2.0	See the attached file "apache_2.0.txt"	server

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https://hadoop.apache.org/docs/r1.2.1/libhdfs.html	Apache 2.0	See the attached file "apache_2.0.txt"	agent
http://www.openssl.org/	OpenSSL License	see attached file "OpenSSL Source License. pdf"	server and all agents (VTE, VAE agent)
http://www.libcurl.org/	Custom license / BSD style	See the attached file "lib_curl.txt"	agent
http://www.xmlsoft.org/	MIT License	See the attached file "mit.txt"	agent
http://www.openldap.org/	Public license	See the attached file "OpenLDAP, Public License 2.4"	agent
https://jansson.readthedocs.io/en/2.7/	MIT License	See the attached file "mit.txt"	agent
http://libarchive.org	New BSD License	See the attached file "NewBSD.txt"	agent
https://zlib.net/zlib_license.html	Free software		
https://wiki.squid-cache.org/SquidFaq/AboutSquid	GPLv2	https://wiki.squid-cache.org/SquidFaq/AboutSquid	
	Simplified BSD License	See attached file libcap-LICENSE	
	GPLv2 LGPLv2	https://sourceforge.net/projects/c-icap/	
	Boost Software License	https://www.boost.org/users/license.html	
	Custom curl license	https://curl.haxx.se/docs/copyright.html	
	LGPLv2.1	http://log4cpp.sourceforge.net/#license	
	MIT license	https://github.com/amylum/libtirpc/blob/master/LICENSE	
	LGPL v2.1	https://github.com/thkukuk/libnsl/blob/master/COPYING	
	Apache license 2.0	https://github.com/boto/boto3/blob/develop/LICENSE	
	Apache license 2.0	https://github.com/aws/aws-sdk-cpp/blob/master/LICENSE	
	MIT license	https://github.com/microsoft/cpprestsdk/blob/master/license.txt	
	MIT license	https://opensource.org/licenses/MIT	
	MIT license	https://opensource.org/licenses/MIT	
	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	
	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	
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Notes

Crypto++ is a C++ library that contains many different cryptographic functions.

We do not use mars.cpp which is licenses under terms that are different than the terms listed in the attached license. For the other files that are explicitly listed in the license text, the only file we use is rijndael.cpp. No element of the mars.cpp code is included in the build.

All files that we use are covered by the license text and have been written by Wei Dai. The two files that are not his direct work are rijndael.cpp and rijndael.h. The original work is covered by the additional license file "rijndael.txt".

We only use the code from Crypto++ that implements Shamir's Secret Sharing algorithm - this is not covered by patents.

The only code that we use and/or distribute is: i) files licensed pursuant to the document crypto_license that were authored by Wei Dai and (ii) two files (rijndael.cpp and rijndael.h) that are licensed pursuant to the document rijndael.txt.

With respect to patents that cover Shamir's Secret Sharing algorithm, we have searched <http://www.patentstorm.us> ,

<http://www.google.com/patents> and the general web extensively and see no reference to any patents covering this algorithm. We believe that Wei Dai's reference to patents is (potentially) for the files implementing algorithms that he did not personally author.

We conform to the terms of the license.

The specific language is found on

- page 10 of the Microsoft Licensing Product Use Rights document dated October 2005 or
- page 18 of the Microsoft Licensing Product Use Rights document dated October 2008 or
- page 12 of the Microsoft Licensing Product Use Rights document dated July 2015. It states: additional license terms for Products in the Developer Tools Section of these Product Use Rights.

The software may also contain the following Distributable Code.

o MFCs, ATLs and CRTs. Modify the source code form of Microsoft Foundation Classes (MFCs), Active Template Libraries (ATLs), and C runtimes (CRTs) to design, develop and test your programs, and copy and distribute the object code form of your modified files under a new name;

Visual Studio makes these DLLs listed in the URLs available as redistributable libraries that you can include in your application installer.

We implemented ARIA encryption based on the specification of RFC5794.

None

None



AIX Open Source Compliance for CTE

7.2.0

Section 1: Listing of open source components used by the partner's product

Please answer the questions below.

- The Thales CipherTrust Transparent Encryption product is available as a AIX kernel binary executable file.
- List the libraries not included in the normal base image that you want to use with this image. List every library that does not come in the standard OS in a table, with a column which links to the license text on the web, and another that classifies the license type.

gSOAP 2.8.74	Custom license,	See attached file "GenivialncCommercialUse.pdf" for the executed license	We conform to the terms of the license.
Files for ARIA Encryption and Decryption	<i>Simplified BSD License</i>	See the attached files <ul style="list-style-type: none"> • "IETF Trust License Policy.pdf" • "ARIA notes.rtf" 	
OpenSSL 1.1.1f	OpenSSL License	http://www.openssl.org/source/license.html or see attached file "Open SSL Source License.pdf"	
libcurl 7.79.1	Custom license / BSD-style	See the attached file "lib_curl.txt"	
libxml2 2.9.10 XML parser and toolkit	<i>MIT License</i>	See the attached file "libxml_mit.txt"	
OpenLDAP 2.4.55	<i>Public License 2.4.33</i>	See the attached file "OpenLDAP, Public License for 2.4"	
Jansson 2.10	MIT License	https://opensource.org/licenses/mit-license.php	
Libarchive 3.3.2	New BSD License	See the attached newBSD.doc	
Zlib 1.2.11	Free software	https://zlib.net/zlib_license.html	

CURL	Custom curl license	https://curl.haxx.se/docs/copyright.html	
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Section 2: VM Image requirements <TBD>

(to be filled once the VM image is built)

1. Show us the directory path using which users can see the open source components' license text **WITHIN THE IMAGE**.
 - a. E.g. attach a screen shot of the parent directory
2. For components under GPL and LGPL, install source code and list the source code directory(ies) on the image

Thales does not distribute the source code for any of the open source components. Nor does it distribute the license text files.

Linux Open Source Compliance for CTE 7.2.0

Section 1: Listing of open source components used by the partner's product

Please answer the questions below.

- Is this a Docker image, a GCE image, or something else? The Vormetric Data Security Manager is offered as a Hardware Appliance or in the virtual machine OVA format. The Vormetric Transparent Encryption product is available as a Linux kernel binary executable file.
- List the libraries not included in the normal base image that you want to use with this image. List every library that does not come in the standard OS in a table, with a column which links to the license text on the web, and another that classifies the license type.

Component	License Type (Apache, MIT etc.)	License Link	
gSOAP 2.8.74	Custom license	See attached file "GenivialncCommercialUse.pdf" for the executed license	We conform to the terms of the license.

<p>Microsoft Compiler Generated Code</p>	<p><i>Proprietary</i></p>	<p>See documents</p> <p>“MicrosoftProdu[1]...(English)(Oct05).doc”</p> <p>“MicrosoftProductUseRights(Worldwide)(English)(January2008)(CR)”</p> <p>“MicrosoftProductTerms(WW)(English)(July2015)(CR)”</p>	<p>The specific language is found on</p> <ul style="list-style-type: none"> • page 10 of the Microsoft Licensing Product Use Rights document dated October 2005 or • page 18 of the Microsoft Licensing Product Use Rights document dated October 2008 or • page 12 of the Microsoft Licensing Product Use Rights document dated July 2015. It states: <u>additional license terms for Products in the Developer Tools Section of these Product Use Rights.</u> <p>The software may also contain the following Distributable Code.</p> <ul style="list-style-type: none"> ○ <u>MFCs, ATLS and CRTs.</u> Modify the source code form of Microsoft Foundation Classes (MFCs), Active Template Libraries (ATLs), and C runtimes (CRTs) to design, develop and test your programs, and copy and distribute the object code form of your modified files under a new name;
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<p>Microsoft DLLs</p>	<p><i>Proprietary</i></p>	<p>Refer to the following URL</p> <ul style="list-style-type: none"> • https://msdn.microsoft.com/en-us/library/8kche8ah(v=vs.80).aspx • https://msdn.microsoft.com/en-us/library/8kche8ah(v=vs.90).aspx • https://msdn.microsoft.com/en-us/library/8kche8ah(v=vs.110).aspx 	<p>Visual Studio makes these DLLs listed in the URLs available as redistributable libraries that you can include in your application installer.</p>
<p>Files for ARIA Encryption and Decryption</p>	<p><i>Simplified BSD License</i></p>	<p>See the attached files</p> <ul style="list-style-type: none"> • "IETF Trust License Policy.pdf" • "ARIA notes.rtf" 	
<ol style="list-style-type: none"> 1. Hadoop-common 2.6, 2.7.0 , 3.0, 3.1 2. Hadoop-hdfs 2.7.1 and 3.1 3. Libhdfs 2.7 4. javaassist 3.20.0 	<p>Apache 2.0</p>	<p>See the attached file "apache_2.0.txt"</p>	<p>Not used</p>

OpenSSL 1.1.1f	OpenSSL License	http://www.openssl.org/source/license.html or see attached file "Open SSL Source License.pdf"	
libcurl 7.79.1	Custom license / BSD-style	See the attached file "lib_curl.txt"	
libxml2 2.9.10 XML parser and toolkit	MIT License	See the attached file "libxml_mit.txt"	
OpenLDAP 2.4.55	Open LDAP Public License v2.8	https://spdx.org/licenses/OLDAP-2.8.html	
Jansson 2.10	MIT License	https://opensource.org/licenses/mit-license.php	
Libarchive 3.3.2	New BSD License	See the attached newBSD.doc	
Zlib 1.2.11	Free software	https://zlib.net/zlib_license.html	
Squid 4.17	GPLv2	https://wiki.squid-cache.org/SquidFAQ/AboutSquid	
eCap	Simplified BSD License	See attached file libecap-LICENSE	
c-icap	GPLv2 LGPLv2	https://sourceforge.net/projects/c-icap/	
Boost C++ libraries	Boost Software License	https://www.boost.org/users/license.html	
CURL	Custom curl license	https://curl.haxx.se/docs/copyright.html	

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Log4cpp	LGPLv2.1	http://log4cpp.sourceforge.net/#license	
Crypto++ 8.6.0	Boost License	https://cryptopp.com/License.txt	
libtirpc-1.2.0	MIT license	https://github.com/amyllum/libtirpc/blob/master/LICENSE	
libnsl-1.3.0	LGPL v2.1	https://github.com/thkukuk/libnsl/blob/master/COPYING	
AWS SDK for Python (Boto3)	Apache license 2.0	https://github.com/boto/boto3/blob/develop/LICENSE	
AWS SDK Cpp	Apache license 2.0	https://github.com/aws/aws-sdk-cpp/blob/master/LICENSE	
Microsoft C++ REST SDK	MIT license	https://github.com/microsoft/cpprestsdk/blob/master/license.txt	
Microsoft Detours	MIT license	https://opensource.org/licenses/MIT	
Casablanca C++ REST SDK	MIT license	https://opensource.org/licenses/MIT	
jemalloc	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	
libevent	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	
librdkafka	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	

libuuid	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	
lua	MIT License	https://opensource.org/licenses/MIT	
protobuf	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	
Redis	BSD 3-clause "New" or "Revised" License	https://opensource.org/licenses/BSD-3-Clause	

Section 2: VM Image requirements <TBD>

(to be filled once the VM image is built)

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 - a. E.g. attach a screen shot of the parent directory
2. For components under GPL and LGPL, install source code and list the source code directory(ies) on the image

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