

## Hitachi HNAS V. 13.9 Open Source Software Packages

Contact Information:

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Project Manager

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Name of Product/Product Component	Version	License
AES (in <a href="https://refcopy/cornet/9.6600/libs/kerberos/krb5.mit/src/lib/crypto/aes/">refcopy/cornet/9.6600/libs/kerberos/krb5.mit/src/lib/crypto/aes/</a> )	1.3.6 and 1.12.1	MIT and others
Ant	1.10.6	Apache 2
Ant-contrib	1.0b3	Apache 1.1
Antlr	2.7.7	BSD
AOP Alliance	1.0	Public Domain
apt	0.7.20.2+len ny2	<a href="#">GPLv2</a>
apt	0.9.7.9+deb7 u7	<a href="#">GPLv2</a>
Arcfour RC4 (in <a href="https://refcopy/cornet/9.6600/libs/kerberos/krb5.mit/src/lib/crypto/arcfour/">refcopy/cornet/9.6600/libs/kerberos/krb5.mit/src/lib/crypto/arcfour/</a> )	1.3.5	MIT and others
Aspectjrt Aspectjweaver	1.8.2	EPL 1.0
attr	<a href="#">2.4.43</a>	<a href="#">LGPL 2.1</a>

Name of Product/Product Component	Version	License
auto-common	0.10	<a href="#">Apache2</a>
auto-service	0.10	<a href="#">Apache2</a>
avalon framework	4.3, 4.1.5	Apache2
avalon logkit	2.1, 2.0	Apache2
AWS SDK	1.11.262	Apache2
aws-swf-build-tool	1.1	Apache2
Axis2/Java	1.5.4	Apache2
Azure SDK	0.6	Apache2
Azure Storage Java SDK	8.0.0	Apache2
backport-util-concurrent-java60	3.1	public domain
Base64	2.2.1	public domain
base-passwd	3.5.2	GPL2
Bash	3.2	GPL-2+, GFDL-1.1, Various, see <a href="http://sources.debian.net/src/bash/3.2-4/debian/copyright/">http://sources.debian.net/src/bash/3.2-4/debian/copyright/</a>
Bastille	1:2.1.1_19	<a href="#">GPLv2</a>
Big Number	Revision 2	See info.txt in download

Name of Product/Product Component	Version	License
bison parser framework	<a href="#">2.3</a>	GPL Bison v2.2
bitstring.h	<a href="#">5.2</a>	BSD
Boost library	<a href="#">1.61.0</a>	The Boost Software License
Bouncy Castle Crypto APIs	1.44	<a href="#">Adaptation of MIT X11 License</a>
C library <a href="#">strptime</a>	1997	BSD
C3p0	0.9.1.2, 0.9.5-pre10, 0.9.5.2	<a href="#">LGPL 2.1</a>
CentOS	6.2	GPL
cloudfiles	1.7.1	Apache License, Version 2.0
Cobra	master (2020-05-06)	<a href="https://github.com/spf13/cobra/blob/master/LICENSE.txt">https://github.com/spf13/cobra/blob/master/LICENSE.txt</a>
Commons beanutils	1.8.0	Apache2
Commons CLI	1.2	Apache2
Commons codec	1.4, 1.6, 1.8, 1.9, 1.14	Apache2
Commons collections	3.2	Apache2
Commons compress	1.0	Apache2
Commons configuration	1.6, 1.8, 1.9	Apache2

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Commons dbcp	1.2.2	Apache2
Commons digester	1.8.1	Apache2
Commons email	1.1	Apache2
Commons File Upload	1.2.1, 1.2.2	Apache2
Commons io	1.4, 2.4	Apache2
Commons lang	2.4+3.0.1, 2.6	Apache2
commons lang3	3.1, 3.4	Apache2
Commons logging	1.1.1, 1.1.3, 1.2	Apache2
Commons net	2.0	Apache2
Commons pool	1.5.6	Apache2
Concurrent	1.3.4	Public Domain
Crypto layer from MIT Kerberos	<a href="#">Version 5, Release 1.2.6</a>	MIT and others
CSI Spec	master (2020-05-06)	<a href="https://github.com/container-storage-interface/spec/blob/master/LICENSE">https://github.com/container-storage-interface/spec/blob/master/LICENSE</a>
Curl	7.41.0	<a href="http://curl.haxx.se/docs/copyright.html">http://curl.haxx.se/docs/copyright.html</a>
Dce_guid	October 2002	<a href="#">Free License</a>

Name of Product/Product Component	Version	License
Debian	Various from Lenny (5.x) and Squeeze (6.x)	see /usr/share/doc/*/copyright on Mercury or <a href="https://www.debian.org/legal/licenses/">https://www.debian.org/legal/licenses/</a>
Debian	Wheezy (7.x)	see /usr/share/doc/*/copyright on VSP-G/VSP-F or <a href="https://www.debian.org/legal/licenses/">https://www.debian.org/legal/licenses/</a>
Debian	Stretch (9.x)	see /usr/share/doc/*/copyright on VSP-N, or <a href="https://www.debian.org/legal/licenses/">https://www.debian.org/legal/licenses/</a>
Debian	Buster (10.x) (Cape Horn only)	see /usr/share/doc/*/copyright on Cape Horn, or <a href="https://www.debian.org/legal/licenses/">https://www.debian.org/legal/licenses/</a>
debsigs	0.1.14	GPL
dejavu-fonts	2.30	Bitstream Vera & Arev copyright
dnsjava	2.1.6	BSD
dojo	1.8	<a href="http://dojotoolkit.org/license/">http://dojotoolkit.org/license/</a>
dom4j	1.6.1	BSD style
dom4j	2.1.1	BSD style
dpkg	1.14.31	GPL2
ECS	1.4.2	Apache 1.1
ehcache	2.10.0	<a href="#">Apache 2</a>
enum-mapper-lib	1.0.4	<a href="#">Apache 2</a>

Name of Product/Product Component	Version	License
enum-mapper-processor	1.0.4	<a href="#">Apache 2</a>
excalibur (instrument, pool and component)	2.1	Apache 2
FastInfoSet	1.2.2	Apache 2
freemarker	2.3.9	Apache 2
Fulcrum yaafi	1.0.5	Apache 2
FUSE	<a href="#">2.8.4</a>	<a href="#">GPLv2</a> , <a href="#">LGPL 2.1</a>
gettimeofday.c	2003	<a href="#">public domain</a>
Glass Fish	3.0?	<a href="#">CDDL + GPLv2</a>
glob	1.3	public domain
glog	master (2020-05-06)	<a href="https://github.com/golang/glog/blob/master/LICENSE">https://github.com/golang/glog/blob/master/LICENSE</a>
GNU Crypto	2.0.1	GPL with "library exception"
grub	0.97- 47lenny2	GPL2
gson	2.24	Apache 2.0
Guava	14.0 rc1, 14.0.1, 15.0, 20.0, 23.5- jre	Apache 2.0
Guice	3.0	Apache 2.0

Name of Product/Product Component	Version	License
Henry Spencer's regex library (BSD version)	<a href="#">alpha3.8</a>	<a href="#">Henry Spencer's regex library license</a>
Hibernate	5.2.6	<a href="#">LGPL 2.1</a>
Hibernate Tools	5.1.0	<a href="#">LGPL 2.1</a>
http.jar	20070405	<a href="#">CDDL 1.0</a>
HttpComponents	3.1 (Client), 4.2.3 (Client and Core), 4.5 (httpclient, httpmime, httpclient-cache, fluent-hc), 4.4.1 (Core)	Apache 2.0
HttpComponents	httpclient-4.5.2, httpcore-4.4.4, httpmime-4.2.5, httpmime-4.3.3	Apache 2.0
HttpComponents	httpclient-4.5.12, httpcore-4.4.13	Apache 2.0
http-tiny	1.2	<a href="http://www.demilly.com/~dl/http-tiny-1.2.tar.gz">http://www.demilly.com/~dl/http-tiny-1.2.tar.gz</a>
ICU	55.1	<a href="http://source.icu-project.org/repos/icu/icu/trunk/license.html">http://source.icu-project.org/repos/icu/icu/trunk/license.html</a>
Inno Setup	<a href="#">5.3.4 [2]</a>	<a href="#">Inno License</a>

Name of Product/Product Component	Version	License
ion-java	1.0.2	Apache 2.0
Jackson JSON Parser	1.9.8, 2.2.1	Apache 2.0
Jackson JSON Parser	jackson-annotations-2.6.0.jar jackson-core-2.6.6.jar jackson-databind-2.6.6.jar jackson-dataformat-cbor-2.6.6.jar	Apache 2.0
Jackson JSON Parser	jackson-annotations-2.6.0.jar jackson-core-2.6.7.jar jackson-databind-2.6.7.1.jar jackson-dataformat-cbor-2.6.7.jar	Apache 2.0
Jackson JSON Parser	jackson-core-2.9.4.jar jackson-core-asl-1.9.8.jar jackson-mapper-asl-1.9.8.jar	Apache 2.0

Name of Product/Product Component	Version	License
Javassist	3.9.0	Mozilla Public License (MPL)
Javassist	3.20.0	Mozilla Public License (MPL)
JavaPoet	1.11.1	<a href="#">Apache 2</a>
javax.mail-api	1.4.6	CDDL GPL 2.0
javax.servlet	3.0.0	CDDL GPL 2.0
JAX-RS	1.17	<a href="#">CDDL + GPLv2</a>
JAXB	2.3.0.1	jaxb-impl - <a href="#">EDL 1.0</a> jaxb-core - <a href="#">CDDL 1.1 GPL 2</a>
Jaxen	1.1 beta-7	<a href="#">Jaxen license</a>
JCache (JSR107)	1.0	Apache License 2.0
jclouds	1.7.1	Apache 2.0
JCommon	1.0.16	<a href="#">LGPL 2.1</a>
JCS	1.3	Apache 2
Jetty	8.1.4	Apache 2
Jetty	6.0	Apache 2
Jfreechart	1.0.13	<a href="#">LGPL 2.1</a>

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jmespath-java	1.11.262	Apache 2.0
joda-time	2.8.1	Apache 2.0
JPam	1.1	Apache License 2.0
json-path	2.2.0	Apache 2.0
jQuery	1.6.2	MIT
jQuery UI	1.10.0	MIT
JRadius (core, dictionary, extended)	1.1.4	<a href="#">LGPL 2.1</a>
JSON-RPC library (Now JAbsorb)	1.0	Apache License 2.0
JSP Standard Tag Library	1.2	Common Development and Distribution License (CDDL) version 1.0 + GNU General Public License (GPL) version 2
JSR 311 API	1.1.1	CDDL
Junit	4.7, 4.8.1	Common Public License v1
Jython	2.1	Python Software Foundation License2
kernel-package	2.6.32-amd64	GPL2
Kubernetes csi-lib-utils	master (2020-05-06)	<a href="https://github.com/kubernetes-csi/csi-lib-utils/blob/master/LICENSE">https://github.com/kubernetes-csi/csi-lib-utils/blob/master/LICENSE</a>
Kubernetes k8s.io Utils	master (2020-05-06)	<a href="https://github.com/kubernetes/kubernetes/blob/master/vendor/k8s.io/utils/LICENSE">https://github.com/kubernetes/kubernetes/blob/master/vendor/k8s.io/utils/LICENSE</a>

Name of Product/Product Component	Version	License
libbzip2	<a href="#">1.0.3</a>	The bzip2 license
libc6 dns resolver files	2.7-18lenny7	<a href="#">LGPL 2.1</a>
libc6	2.7-18lenny7+0h nas1	<a href="#">LGPL 2.1</a>
libc6 pthread-2.7.so	2.7-18lenny7 with cvs- dlopen-tls- memleak.pa tch	<a href="#">LGPL 2.1</a>
libgcc1	1:4.3.2-1.1	<a href="#">GPLv2</a> with exception
libpcap	<a href="#">1.3.0</a>	Sourceforge BSD
libssh2	1.4.3	<a href="http://www.libssh2.org/license.html">http://www.libssh2.org/license.html</a>
libssh2	0.18	<a href="http://www.libssh2.org/license.html">http://www.libssh2.org/license.html</a>
libstdc++ (cf SGI STL)	from gcc 4.9.2-11	<a href="#">GPL 3 with GCC Runtime Library Exception, version 3.1</a>
libunwind	1.4-rc1	X11 (often incorrectly referred to as MIT, there are several different MIT licenses)
locale.gen generated by ./debian/debhelper.in/locales.conf g from glibc	2.7-18lenny7	<a href="#">LGPL 2.1</a>
Log4j	1.2.15	Apache 2
Log4cplus	<a href="#">1.0.4</a>	Apache 2
logkit	2.0	Apache 2

Name of Product/Product Component	Version	License
Loki	Dates from 2002	MIT
Lua (ported by <a href="#">Matthewh</a> )	<a href="#">5.1.3</a>	<a href="#">MIT</a>
marsaglia-c (in <a href="#">refcopy/cornet/9.6600/libs/random/random2.c</a> thence in <a href="#">refcopy/cornet/9.6600/libs/random/Randomiser32.h</a> )	Tue, 30 Sep 1997 05:29:35 - 0700	Not specified
mcelog	0.8~pre-8	GPL2
mchange-commons-java	0.2.8	<a href="#">LGPL 2.1</a>
memtest86+	<a href="#">4.20</a>	GPLv3
mingwm10.dll	<a href="#">3.13-1</a>	<a href="#">public domain</a>
mingwm10.dll	<a href="#">3.9-4</a>	<a href="#">public domain</a>
MD4.java	Revision 1.4 (was part of Cryptix 3.2.0)	<a href="#">Cryptix General License</a>
munin	1.4	GPLv2
Ndmjob (sic)	<a href="#">1998,1999,2000</a>	Sourceforge BSD
NDMPcopy	<a href="#">1999</a>	The ndmpcopy license
NDMP SDK (tools/ndmprecover/aruba/)	<a href="#">NDMP SDK April 30, 2002</a>	NDMP SDK license

Name of Product/Product Component	Version	License
Net::SSH2 Perl module (Support for the SSH 2 protocol via libssh2)	0.18.0-20071110	Copyright (C) 2005 - 2010 by David B. Robins; all rights reserved. This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.0 or, at your option, any later version of Perl 5 you may have available.
net-ldap	0.8.0+hnas1	<a href="#">MIT</a>
Net-SNMP	5.7.2.1	BSD-style license (see COPYING in source download)
Net-SNMP's OpenSSL embedded copy	5.7.2.1 (OpenSSL 1.0.0.beta5)	OpenSSL license (see OPENSLL-LICENSE in source download)
net-tools	1.60-22	GPL2
netbase	4.34	GPL2
netty-buffer netty-codec netty-codec-http netty-hadler netty-resolver netty-transport	4.1.17	Apache 2
NFSv4 constants	<a href="#">1998-2002</a>	BSD-style
nis	3.17-17	GPL2
ntp	4.2.8 2014/12/29	<a href="http://www.eecis.udel.edu/~mills/ntp/html/copyright.html">http://www.eecis.udel.edu/~mills/ntp/html/copyright.html</a>
Nutch	0.6	Apache 2
OpenJDK for JNI	1.8.0_102	<a href="#">GPLv2+ce copyright</a>
OpenJDK for embedded SMU, HNAS Java apps on Mercury, VSP-F/G/N, Cape Horn	1.8.0-jre8u71-b00	<a href="#">GPLv2+ce</a>

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OpenJDK for SMU	1.8.0-jre8u212-b03-20190626	<a href="#">GPLv2+ce</a>
OpenLDAP	<a href="#">2.2.18</a>	The OpenLDAP Public License
OpenSSL	0.9.8k	
OpenSSL	<a href="#">1.1.1g</a>	<a href="#">OpenSSL License</a>
org.jessies.terminator	6.83.3228	<a href="#">LGPL 2.1</a>
Oro	2.0.8	Apache 2
OUI list	2011-08-24	<a href="#">unlicensed</a>
OUI list	2020-07-06	<a href="#">unlicensed</a>
PAM	<a href="#">1.0.1</a>	BSD-style copyright (see COPYING in source download)
POCO	1.4.7	<a href="https://pocoproject.org/about.html#license">https://pocoproject.org/about.html#license</a>
POCO	1.7.2.1	<a href="https://pocoproject.org/about.html#license">https://pocoproject.org/about.html#license</a>
POCO	1.7.2.1+hnas6400	<a href="https://pocoproject.org/about.html#license">https://pocoproject.org/about.html#license</a>
POCO	1.9.0	<a href="https://pocoproject.org/about.html#license">https://pocoproject.org/about.html#license</a>
pam_radius_auth.so	1.3.17	GPL, version 2
Perl regular expression (a specific example)	0.03	See Copyright Text

Name of Product/Product Component	Version	License
Postgresql	9.6.16	<a href="#">BSD</a>
Postgresql-jdbc	9.4	<a href="#">BSD</a>
Postgresql-jdbc	42.2.7	<a href="#">BSD</a>
Prototype	1.7	MIT
PySocks	1.6.5	<a href="https://github.com/Anorov/PySocks/blob/master/LICENSE">https://github.com/Anorov/PySocks/blob/master/LICENSE</a>
qTip	2.0.0	MIT
Quartz	1.6.5	Apache 2
rand from eg The Single UNIX <sup>®</sup> Specification	Version 2	<a href="https://pubs.opengroup.org/onlinepubs/007908799/copyr.html">https://pubs.opengroup.org/onlinepubs/007908799/copyr.html</a>
regex	1.3-dev	Apache 1.1
Requests	2.9.1	Apache2
rocoto	6.2	Apache 2
rrdtool	1.3	<a href="#">GPL 2</a>
ruby-ldap	0.9.7-10	<a href="#">3-clause BSD</a>
ruby-net-ldap	0.8.0-1+hnas1	<a href="#">Expat</a>
rsyslog	5.8.11	GPL3, Apache 2, LGPL

Name of Product/Product Component	Version	License
Schematics	2.0.0a1	BSD
screenrc from screen	4.0.3-11+lenny1	<a href="#">GPL 2</a>
servletapi	2.4	Apache 2.0
Simpleyaml	1.0	MIT
SLF4J	1.5.11, 1.6.6, 1.7.7 (api), 1.7.5 (log4j12)	MIT
SLF4J	1.7.16	MIT
SLF4J	1.6.6 1.7.12 (log4j12-1.6.6)	MIT
Solnlib	Add-on builder v2.2.0	<a href="https://www.splunk.com/en_us/legal/splunk-append-user-license-agreement.html">https://www.splunk.com/en_us/legal/splunk-append-user-license-agreement.html</a>
SortedContainers	1.5.2	Apache2
splunk_aoblib	Add-on builder v2.2.0	<a href="https://www.splunk.com/en_us/legal/splunk-append-user-license-agreement.html">https://www.splunk.com/en_us/legal/splunk-append-user-license-agreement.html</a>
splunktaucclib	3.0.1	<a href="https://www.splunk.com/en_us/legal/splunk-append-user-license-agreement.html">https://www.splunk.com/en_us/legal/splunk-append-user-license-agreement.html</a>
splunk-sdk-python	1.6.1	Apache2
SQLite	3.7.2	copyright disclaimed
spring-beans spring-context spring-core spring-test	3.0.7	Apache 2.0

Name of Product/Product Component	Version	License
sssd	1.13.3-60+hnas0	<a href="#">GPL 3</a>
strncpy, strlcat	1.13	BSD
sysvinit	2.86.ds1-61	GPL2
<a href="#">stdint.h</a> (mingw32only variant)	3.13-1	Public domain
syslog-ng.conf from syslog-ng	2.0.9-4.1	<a href="#">GPL 2</a>
ThreadPool	<a href="#">0.2.5</a>	The Boost Software License
Tigra Calendar	5.2	Public Domain
Tomcat	8.5.16	Apache 2.0
Tomcat	9.0.24	Apache 2.0
Texen	1.0	Apache 2.0
Torque (and Village)	3.3	Apache 2.0
Turbine	2.3.3	Apache 2.0
tzdata and tzdata-java	2014h	<a href="http://sources.debian.net/src/tzdata/2014h-1/debian/copyright/">http://sources.debian.net/src/tzdata/2014h-1/debian/copyright/</a> , <a href="https://github.com/eggert/tz/blob/master/README">https://github.com/eggert/tz/blob/master/README</a>
tzdata and tzdata-java	2016j	<a href="http://sources.debian.net/src/tzdata/2016j-0%2Bdeb8u1/debian/copyright/">http://sources.debian.net/src/tzdata/2016j-0%2Bdeb8u1/debian/copyright/</a> , <a href="https://github.com/eggert/tz/blob/master/README">https://github.com/eggert/tz/blob/master/README</a>
ua.js	1.10	BSD-style

Name of Product/Product Component	Version	License
udev /dev/ and hotplug management daemon	0.125-7+lenny3	<a href="#">GPL 2</a>
udis86	pre-1.8-2014-12-25	2-clause "Simplified BSD License"
UnboundID LDAP SDK	2.3.8	LGPL, version 2.1
util-linux	2.13.1.1-1	Many
Velocity	1.6.2	Apache 2
Velocity Tools Generic	1.4	Apache 2
wsimport tool, JAX-WS RI	2.3.3	BSD-3-Clause
XDR library	<a href="#">1984-1990</a>	The Sun RPC license
xbDOM.js	1.7	<a href="#">LGPL 2.1</a>
Xerces	2.6.2, 2.10.0	Apache 2
Xml rpc	2.0	Apache 2
Zlib library	<a href="#">1.2.1</a>	The zlib license

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