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CM-CI1	Open Source Software Attributions for CM_CI1_RN_AIVI_Scope 3.x	4 th –Nov-2020

Open Source Software Attributions for

CM_Cl1_RN_AIVI_Scope 3.x

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	2.24	MIT License	
	2.25	Mozilla Public License 2.0	
	2.26	OSF - X Consortium License	
	2.27	OpenSSL Combined License	
	2.28	PCRE 5 License	-
	2.29	Public Domain	
	2.30	Python License 2.0	
	2.31	TCP Wrappers License	
	2.32	Copyleft-next 0.3.0	
	2.33	curl License	
	2.34	libpng License	
	2.35	libtheora License	
	2.36	libtiff License	
	2.37	zlib License	
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2.51 BSD-like license (libktx)	
2.52 UTM	
2.53 OSGEARTH SOFTWARE LICENSE	
2.54 Stanford SRP Authentication Project License	
3. Other Open Source Dependencies:	
3.1.1 X Windows - XFree86 1.9	
3.1.2. Zlib - 1.1.4	
3.1.3.0penSSL - 0.9.8x	
3.1.4.SHA	
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3.1.8.Libpng - 1.2.40	
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.1.52 UCL Data Compression Library - 1.03	
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3.2.20.2	License	
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1 List of used Open Source Components.

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Name of OSS Componen t	Ver sio n of OS S Co mp one nt	Name and Version of License (License text can be found in Appendix below)	Home page	More Information
7 Zip - LZMA SDK	9.2	Public Domain	<u>http://www.7-</u> zip.org/sdk.html	Copyright (C) 1999-2005, 2016 Igor Pavlov Copyright (C) 2007-2009 Industrie Dial Face S.p.A.
ACL	2.2.5 3	LGPL-2.1+	https://savannah.nongnu.org /projects/acl	Copyright (C) 2011 Andreas Gruenbacher Copyright (C) 1989, 1991-2012 Free Software Foundation, Inc. Copyright (c) 2000-2006 Silicon Graphics, Inc.
apertispro- archive- keyring	0.1rb 1ba1	GPL-2.0+		Copyright: 2012 RBEI Ltd.
AES - Advanced Encryption Standard	1	zlib License	http://www.lomont.org/Softw are/Misc/AES/AES.php	Copyright (C) 2000-2005 Chris Lomont



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Alsa Plugins	1.0.2GNU Lesser9General PublicLicense v2.1 orlater	ftp://ftp.alsa- project.org/pub/plugins/	Copyright (c) 2 Simons Copyright (c) 2 Ossman	008 by Sjoerd		
Alsa Utils	1.0.2 GNU General 9 Public License v2.0 or later	ftp://ftp.alsa- project.org/pub/utils	Copyright (c) 19 by Jaroslav Ky Copyright (C) 2 Hartman Copyright (C) 2 Sievers Copyright (c) 2 Ladisch Copyright (c) 1 Copyright (C) 2 Ltd Copyright (C) 2 Ltd Copyright (C) 2 Courtier-Duttor Copyright (C) 2	2003 Greg Kroah- 2004-2006 Kay 004-2006 Clemens 998,1999 Tim Janik 874 Lewis Carroll 2008-2010 SlimLogic 1999-2000,2003 by 2000-2004 James		
Android - platform - bootable - recovery	Uns Apache License pecif 2.0 ied	http://developer.android.com /index.html	Copyright: 200 Source Project	7 The Android Open		
apitrace	7.1 MIT License	http://github.com/apitrace/ap itrace/	Google Inc Copyright 201 Corporation Copyright 201 Fonseca Copyright 2015 Copyright 2015 Copyright 2013 Contributed by Copyright 2000 Carl Worth Copyright 2011	0-2016 VMware, Inc I-2014 Jose I LunarG, Inc 5 Alexander Trukhin 3 Samsung Eugene Velesevich 6 Keith Packard and		



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asn1c	0.9.2 7	BSD 2-clause "Simplified" License	http://github.com/vlm/asn1c/	Copyright (c) 2 Walkin Copyright (c) 2 Labs, xiolabs.c	003, 2004 X/IO
Atomic_ops	7.4.0	MIT License	http://www.hpl.hp.com/resea rch/linux/atomic_ops/index.p hp4	Corporation	
Attr	2.4.4 7	GNU General Public License v2.0 or later	http://savannah.nongnu.org/ projects/attr	Copyright (C) 2000,2001,2002,2003,2004,2005 Silicon Graphics, Inc Copyright (C) 2002,2003,2006,2007,2009 Andreas Gruenbacher , SuSE Linux AG.;	
Avahi	0.6.3 1	GNU Lesser General Public License v2.1 or later	http://avahi.org/	Copyright (C) 1 Copyright (C) 2 Poettering	1999 Tom Tromey 2010 Lennart 2000 Red Hat, Inc
base-passwd	3.5.2 9	GNU General Public License v2.0 only	http://packages.debian.org/s ource/wheezy/base-passwd	Copyright 1999 Akkerman Copyright 2002 Watson	9-2002 Wichert 2, 2003, 2004 Colin
Bash	3.2.4 8	GNU General Public License v2.0 or later	http://www.gnu.org/software/ bash/	Copyright (C) 1987,1989,199 Software Foun	11,1993-2007 Free dation, Inc
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BlueZ	5.33, 4.10 1	GNU General Public License v2.0 or later	http://www.bluez.org/	Copyright (C) 2006-2010 Nokia Corporation Copyright (C) 2004-2010 Marcel Holtmann	
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btrfs-progs	4.1.2	GNU General Public License v2.0 only	http://github.com/linsomniac/ btrfs-progs/	Copyright (C) 2 Copyright (C) 2011,2012,201 Copyright (C) 2013,2014,201 LIMITED Copyright (C) 2 Block Copyright (C) 2 Anvin Copyright (C) 2 Copyright (C) 2	002 David 012 Michel 09,2010,2012 Oracle 2008 Morey Roof 13,STRATO AG 15,FUJITSU 2012 Alexander 2014 Facebook 2002-2004 H. Peter 2013,2014 SUSE 2008,2011 Red Hat 2007 Oracle. All
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Bzip2	1.0.6	Bzip2 License	http://www.bzip.org/	Copyright (C) Seward	1996-2010 Julian
C++ XML Parser	2.23	BSD 3-clause "New" or "Revised" License	http://www.applied- mathematics.net/tools/xmlPa rser.html	copyright:-(c) 2 Bangalore, Co Frank Vanden	pyright (c) 2002,
ca-certificates	2015 0426	GNU General Public License v2.0 or later	https://tracker.debian.org/pk g/ca-certificates		2003 Fumitoshi UKAI 2009 Philipp Kern



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cdparanoia	10.2	GNU General Public License v2.0 or later	http://www.xiph.org/paranoia /index.html		2001-2008 Xiph.org 1998-2008 Monty
Chkconfig	1.3.5 9	GNU General Public License v2.0 or later	http://www.fastcoder.net/soft ware/chkconfig/	Copyright 1997	7-2009 Red Hat, Inc
ConnMan	1.35	GNU General Public License v2.0 only	http://connman.net/	Corporation Copyright (C) 2 Holtmann Copyright (C) 2 IT GmbH Copyright (C) 2 Rompf Copyright (C) 2 Corporation ar Copyright (C) 2 Project Copyright (C) 2 University of T	nd/or its subsidiary Alexey Kuznetsov 2003-2005 Go-Core 2003-2006 Helsinki echnology 2011 ProFUSION



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Crypt::Curve25 519	0.01	BSD 3-clause "New" or "Revised" License	http://search.cpan.org/~ajgb/ Crypt-Curve25519/	Copyright 2008	
cryptodev-linux	1.8	GNU General Public License v2.0 or later	http://cryptodev-linux.org/	SuSE Labs Copyright (c) 2 Copyright (c) M Copyright (C) M Keromytis Copyright (c) 2 Nikos Mavrogia Copyright (C) 2 Foundation, In Copyright (c) 2 Software Foun	Angelos D. 2009,2010,2011 annopoulos 2011 Free Software c 2011, 2012 OpenSSL
cryptodev-linux	1.8	Public Domain	http://cryptodev-linux.org/	Copyright (C) / Keromytis	Angelos D.
cryptopp	Uns pecif ied	Public Domain	http://github.com/mmoss/cry ptopp/	Written by->W	ei Dai
curl	7.52. 1, 7.59. 0	curl License	https://curl.haxx.se/	Stenberg Copyright (C) 2 Feltzing	996 - 2016, Daniel 2013, Linus Nielsen 2012, 2016, Linus
CVTUTF	1	Unicode License	http://www.unicode.org/Publi c/PROGRAMS/CVTUTF		1-2004 Unicode, Inc
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dleyna-core	0.6.0	GNU Lesser General Public License v2.1 only	https://01.org/dleyna/downlo ads	Corporation	2012-2015 Intel
dleyna- renderer	0.6.0	GNU Lesser General Public License v2.1 only	https://01.org/dleyna/downlo ads	Copyright (C) 2 Corporation.	2012-2015 Intel
dleyna-server	0.6.0	GNU Lesser General Public License v2.1 only	https://01.org/dleyna/downlo ads	Copyright (C) 2 Corporation	2012-2015 Intel
Dnsmasq	2.78	GNU General Public License v2.0 only	http://thekelleys.org.uk/dnsm asq/doc.html	Copyright (c) 2 Donenfeld Copyright (c) 2 Kelley	013 Jason A. 000-2016 Simon



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dtc	1.4.1	GNU General Public License v2.0 or later	https://git.kernel.org/cgit/utils /dtc/dtc.git/	Copyright (c) 2 OS Authors Copyright (C) 2 Freescale Sem Copyright (C) 2	on. 2007 id Gibson on. 2005, 2008 id Gibson
ECNR	Uns pecif ied	Academic Free License v2.1			aVista Software, LLC
elfutils	0.14	GNU General Public License v2.0 only	https://fedorahosted.org/elfut ils/	2006, 2007, 20 Inc	1998,2002, 2005, 008,2010 Red Hat, 2007 Kurt Roeckx
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lz4 Compression algorithm	r130	BSD 2-clause "Simplified" License	http://github.com/Cyan4973/l z4/	Copyright:Copyright (C) 2011- 2014, Yann Collet	
LZO real-time data compression library	2.09	GNU General Public License v2.0 or later	http://www.oberhumer.com/o pensource/lzo/	Markus Franz	yright (C) 1996-2015 Xaver Johannes I Rights Reserved.;
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Version 3.1, 31 March 2009

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3.1.79 Android - platform - frameworks - base

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https://android.googlesource.com/platform/frameworks/base

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3.1.80 Boost C++ Libraries - boost

Version Unspecified

http://boost.org/

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3.1.84 Speex

1.2beta2 dev

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3.1.90 Sunrise/set calculator



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3.1.91 tiny-AES128-C

Version master-20141218

http://github.com/kokke/tiny-AES128-C/

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3.1.92 PVRTC Library

Version Unspecified

https://www.imgtec.com/developers/powervr-sdk-tools/installers/

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3.1.93 GSM 06.10 Lossy Speech Compression

Version Unspecified

http://kbs.cs.tu-berlin.de/~jutta/toast.html

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3.1.94 Curl and Libcurl

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3.1.95 aladdin-md5

Version Unspecified

https://opensource.apple.com/source/cups/cups-30/cups/md5.h.auto.html

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3.1.96 OpenGL-Examples

Version master-20141123 http://github.com/progschj/OpenGL-Examples/ Copyright (c) 2012 Jakob Progsch zlib License



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3.1.97 SDL

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3.1.96.1 SDL_gfx

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3.1.98pkgconf

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3.1.99 Code Project - C++ Memory Pool

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http://www.codeproject.com/KB/cpp/MemoryPool.aspx

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Acknowledgements:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.



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RealVNC has made the following modifications to OpenSSL 0.9.8zf:

- The hard-coding of config options in opensslconf.h.
- The addition of compile-time
- •
- .
- s to remove dependencies of the C stio library and on Win32 UI.
- The addition of compile-time checks to remove filename strings from release binaries.

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```
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```

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The authors can be contacted at <libzip@nih.at>



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3.2.10.4 RealVNC modifications to libzip

The open source component used by *VNC Automotive* consists of the lib subdirectory of libzip 0.9, plus two variants on the corresponding config.h template. Three modifications have been made, as follows:

- libzip.vcproj has been added.
- On Windows, in libzip.h and zipint.h, no-op ZIP_EXTERN so that we build for linking statically.
- On Windows, in mkstemp.c, pid_t and S_ISDIR have been defined, and io.h and process.h included.

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3.2.13 GCC libstdc++

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3.2.14 keysymdef

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3.2.19 libxml2

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3.2.19.4 trio.c, trio.h

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3.2.19.5 RealVNC modifications to libxml2

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3.2.20 miniupnpc

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3.2.20.3 RealVNC modifications to

miniupnpc The following modifications

have been made:



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- Requests have been cancelled.
- MirrorLink-specific functionality has been added.
- Functionality specific to building for different hardware architectures has been added.

3.2.21 LibTomCrypt

LibTomCrypt, modular cryptographic library -- Tom St Denis

LibTomCrypt is a library that provides various cryptographic algorithms in a highly modular and flexible manner.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, http://libromcrypt.com

3.2.22 LibTomMath

LibTomMath, multiple-precision integer library -- Tom St Denis

LibTomMath is a library that provides multiple-precision integer arithmetic as well as number theoretic functionality.

The library was designed directly after the MPI library by Michael Fromberger but has been written from scratch with additional optimizations in place.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, http://math.libtomcrypt.com

3.2.23 Base64.java

I am placing this code in the Public Domain. Do with it as you will.

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Please visit http://iharder.net/base64 periodically to check for updates or to contribute improvements.

@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.



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3.2.24 Internal Android OS APIs

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3.2.25 ExtractMpegFramesTest.java

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3.2.26 libupnp (pupnp)

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Copyright (c) 2006 Michel Pfeiffer and others

<virtual_worlds@gmx.de>Copyright (c) 2011-2012 France Telecom.

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3.2.27 libudev

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3.2.28 WPA Supplicant

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3.2.28.1 RealVNC modifications to WPA Supplicant

RealVNC has applied the following patch:

http://w1.fi/cgit/hostap/patch/?id=f2b3acc9d5.2.b91fbaccfc9dd8d408

252bda4f1be9 Copyright © 2002-2014 Jouni Malinen and

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3.2.28.2 ath9k_faf1dc64_backport.patch

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3.2.28.3 python-psutil_2.1.3.bb

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3.2.30 VNC Wi-Fi Display i.MX6 sample decoder

The information in this section expands upon that summarized in section 6.2, *VNC Wi-Fi Display i.MX6 sample decoder*.

3.2.31 mxcfb.h

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3.2.32 axTLS

axTLS Embedded SSL

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2005.2., Cameron Rich All



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3.2.32 RealVNC modifications to axTLS

Some unwanted type and function definitions have been removed.



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4.0 Node Modules Components

Name of OSS Component	Version of OSS Component	Name and Version of License	Home page	
buffer-crc32	0.2.5	MIT	https://github.com/brianloveswords/b uffer-crc32	
dbus-native	0.2.0	MIT	https://github.com/sidorares/node- dbus	
dbus-proxy	0.0.0- unreleasable	NA	NA	
abstract-socket	1.1.0	MIT	https://github.com/saghul/node- abstractsocket	
bindings	1.2.1	MIT	https://github.com/TooTallNate/node- bindings	
nan	2.4.0	MIT	https://github.com/nodejs/nan#readm e	
1to2	1.0.0	MIT	NA	
event-stream	3.3.4	MIT	http://github.com/dominictarr/event- stream	
duplexer	0.1.1	MIT	https://github.com/Raynos/duplexer	
from	0.1.3	MIT	https://github.com/dominictarr/from	
map-stream	0.1.0	NA	http://github.com/dominictarr/map- stream	
pause-stream	0.0.11	MIT, Apache2	https://github.com/dominictarr/pause- stream	
split	0.3.3	MIT	http://github.com/dominictarr/split	
stream-combiner	0.0.4	MIT	https://github.com/dominictarr/strea m-combiner	
through	2.3.8	MIT	https://github.com/dominictarr/throug h	
put	0.0.6	MIT/X11	https://github.com/substack/node-put	
xml2js	0.1.14	NA	https://github.com/Leonidas-from- XIV/node-xml2js	
sax	1.2.1	ISC	https://github.com/isaacs/sax- js#readme	
iconv-lite	0.4.15	MIT	https://github.com/ashtuchkin/iconv- lite	
jbinary	2.1.2	MIT	https://github.com/jDataView/jBinary	
es6-promise	2.0.1	MIT	NA	



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es6-promise	2.0.1	MIT	https://github.com/j Promises	akearchibald/ES6-
jdataview	2.5.0	WTFPL	http://jDataView.git	hub.io/
request	2.53.0	Apache-2.0	https://github.com/	request/request
aws-sign2	0.5.0	NA	https://github.com/	mikeal/aws-sign
bl	0.9.4	MIT	https://github.com/	rvagg/bl
readable-stream	1.0.33	MIT	https://github.com/i stream	isaacs/readable-
core-util-is	1.0.1	MIT	https://github.com/i	isaacs/core-util-is
inherits	2.0.1	ISC	https://github.com/i	isaacs/inherits
isarray	0.0.1	MIT	https://github.com/j y	juliangruber/isarra
string_decoder	0.10.31	MIT	https://github.com/i der	rvagg/string_deco
caseless	0.9.0	BSD	https://github.com/i	mikeal/caseless
combined-	0.0.7	NA	https://github.com/f	felixge/node-
stream			combined-stream	
delayed-stream	0.0.5	NA	https://github.com/felixge/node- delayed-stream	
forever-agent	0.5.2	NA	https://github.com/mikeal/forever- agent	
form-data	0.2.0	MIT	https://github.com/felixge/node-form- data	
async	0.9.0	MIT	https://github.com/	caolan/async
hawk	NA	./LICENSE	NA	-
hawk	2.3.1	BSD	https://github.com/l	hueniverse/hawk
boom	2.6.1	BSD	https://github.com/l	hapijs/boom
cryptiles	2.0.4	BSD	https://github.com/l	hapijs/cryptiles
hoek	2.11.0	BSD	https://github.com/l	hapijs/hoek
sntp	1.0.9	BSD	https://github.com/l	hueniverse/sntp
http-signature	0.10.1	MIT	https://github.com/j signature/	joyent/node-http-
asn1	0.1.11	NA	NA	
assert-plus	0.1.5	NA	https://github.com/mcavage/node- assert-plus	
ctype	0.5.3	NA	https://github.com/rmustacc/node- ctype	
isstream	0.1.1	MIT	https://github.com/i	rvagg/isstream
json-stringify- safe	5.0.0	BSD	https://github.com/i stringify-safe	isaacs/json-
mime-types	2.0.9	MIT	https://github.com/j	ishttp/mime-types
mime-db	1.7.0	MIT	https://github.com/j	

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oauth-sign	0.6.0	NA	https://github.com/mikeal/oauth-sign		
qs	2.3.3	BSD	https://github.com/hapijs/qs		
stringstream	0.0.4	MIT	https://github.com/mhart/StringStrea m		
tough-cookie	0.12.1	MIT	https://github.com/goinstant/tough- cookie		
punycode	1.3.2	MIT	https://mths.be/punycode		
tunnel-agent	0.4.0	NA	https://github.com/ agent	https://github.com/mikeal/tunnel- agent	
mkdirp	0.5.0	MIT	https://github.com/s mkdirp	https://github.com/substack/node- mkdirp	
minimist	0.0.8	MIT	https://github.com/s	https://github.com/substack/minimist	
xml2js	0.4.5	MIT	https://github.com/ XIV/node-xml2js	https://github.com/Leonidas-from- XIV/node-xml2js	
sax	0.6.1	BSD	https://github.com/	https://github.com/isaacs/sax-js	
xmlbuilder	2.5.1	MIT	http://github.com/o -js	http://github.com/oozcitak/xmlbuilder -js	
lodash	3.1.0	MIT	-	https://lodash.com/	