EFOS Externally Licensed Software

Version 2.0

April 2, 2020

1 Document Contents

2 General Information

2.1   Overview

EFOS 3.4.4.4 contains a number of 3rd party externally licensed software components. This document contains information regarding these components, the license for each of these components, and where these components are used in EFOS.

3 Externally Licensed Components

Component Name	Component Source	Source Version	Used in EFOS Module	Modified original code?	License Terms & Conditions
DHCP Client	Red Hat eCos http://ecos.sourceware.org/old-license.html	eCos 1.1	Switching	Yes	Appendix A
Routing	The FreeBSD Project http://www.freebsd.org/	1.130.2.21	Multicast Routing	Yes	Appendix B
Base code download and decompression	Jean-loup Gailly and Mark Adler http://sourceforge.net/projects/libpng/files/zlib/1.1.4/	1.1.4	Switching	Yes	Appendix C
SSH	The OpenSSH Project http://www.openssh.org	7.5P1	Management	Yes	Appendix D
SSL	The OpenSSL Project http://www.openssl.org	1.1.1d	Management	No	Appendix E
IP Multicast (IGMP, DVMRP)	The Regents of the University of Michigan and Merit Network, Inc. http://www.regents.umich.edu/	2.2.0	IP Multicast	Yes	Appendix F Appendix G
MD5	RSA Data Security, Inc http://www.ietf.org/rfc/rfc1321.txt	RFC 1321	Switching	Yes	Appendix H
HMAC	RSA Data Security, Inc http://www.ietf.org/rfc/rfc2104.txt	RFC 2104	Switching	Yes	Appendix H
Net-SNMP	Net-SNMP project http://net-snmp.sourceforge.net/	5.7.3	Management	Yes	Appendix I
i2c-ismt	http://git.kernel.org/cgit/linux/kernel/git/stable/linux-stable.git/tree/drivers/i2c/busses/i2c-ismt.c	4.4.79	Linux BSP	Yes	Appendix J
i2c-i801	http://git.kernel.org/cgit/linux/kernel/git/stable/linux-stable.git/tree/drivers/i2c/busses/i2c-i801.c	5.1.2	Linux BSP	Yes	Appendix J

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igb	https://sourceforge.net/projects/e1000/files/igb%20stable/	5.0.6	Linux BSP	Yes	Appendix J
Das U-Boot	DENX Software Engineering http://git.denx.de/?p=u-boot.git	1.1.1	Linux BSP	Yes	Appendix J
Busybox	http://www.busybox.net/downloads/	1.28.4	Linux BSP	Yes	Appendix J
Lrzsz	Uwe Ohse http://ohse.de/uwe/software/lrzsz.html	0.12.20	Linux BSP	No	Appendix J
Utelnetd	Pengutronix http://www.pengutronix.com/software/utelnetd/download/	0.1.4	Linux BSP	No	Appendix J
Mtd	Arcom Control System, Ltd. http://git.infradead.org/mtd-utils.git	1.0	Linux BSP	No	Appendix J
7-Zip	Igor Pavlov http://www.7-zip.org/download.html	4.48	Bootloader (CFE)	No	Appendix K
YUI Compressor	Yahoo! Inc http://yuilibrary.com/downloads/#yuicompressor	2.4.2	Tools/Build	No	Appendix L
Strace	http://sourceforge.net/projects/strace/files/strace/4.6	4.6	BSP	No	Appendix M
DHCPv6	KAME Project http://sourceforge.net/projects/wide-dhcpv6/files/	20080615 tar ball	IPv6	Yes	Appendix N
ONIE	GITHUB https://github.com/opencomputeproject/onie	2016.04	ONIE	Yes	Appendix J
Ubuntu Xenial Kernel	http://kernel.ubuntu.com/git/ubuntu/ubuntu-xenial.git/tag/?h=Ubuntu-4.4.0-120.144	Ubuntu-4.4.0-120.144	Linux BSP	Yes	Appendix R
OVS 2.3.0	http://openvswitch.org/releases/openvswitch-2.3.0.tar.gz	2.3.0	Base	Yes	Appendix S
Cjson	http://sourceforge.net/projects/cjson/	N/A	Base	Yes	Appendix T
Libnetconf	https://github.com/cesnet/libnetconf	0.10.x	Management	Yes	Appendix U
Libxml2	https://git.gnome.org/browse/libxml2/	2.9.2	Management	No	Appendix V
Libxslt	https://git.gnome.org/browse/libxslt/	1.1.27	Management	No	Appendix W
gdbserver	http://ftp.gnu.org/gnu/gdb/	7.5.1	Tools	Yes	Appendix J
miniterm.py	https://github.com/pyserial/pyserial	2.6	Tools	Yes	Appendix X
Bootenv	Not Traceable	2.0	BSP	Yes	Appendix J

Component Name	Component Source	Source Version	Used in EFOS Module	Modified original code?	License Terms & Conditions
Ext2 Filesystems Utilities	https://sourceforge.net/projects/e2fsprogs/	1.44.1	Tools/Build	No	Appendix J
i2c-tools	http://github.com/groeck/i2c-tools/	3.1.0	Linux BSP	No	Appendix Z
iproute2	https://wiki.linuxfoundation.org/networking/iproute2	3.12.0	Routing	No	Appendix J
IPTables	https://netfilter.org/projects/iptables/index.html	1.4.5	OpenApps	No	Appendix J
Port Map	git://neil.brown.name/portmap	6.0	RPC	No	Appendix AB
x86emu	https://github.com/wfeldt/libx86emu	N/A	CFE	No	Appendix AA
ezXML	https://sourceforge.net/projects/ezxml/	0.8.6	Switching	Yes	Appendix AC
Libdwarf	https://github.com/tomhughes/libdwarf	20110612	Tools/Build	No	Appendix Z
libelf	http://www.mr511.de/software/english.html	0.8.13	Tools/Build	No	Appendix J
Mongoose	https://code.google.com/archive/p/mongoose/	NA	OpenApps	No	Appendix J
Pyang	https://github.com/mbj4668/pyang	1.2	RESTCONF	No	Appendix AF
Python Serial Port Extension – pyserial	https://sourceforge.net/projects/pyserial/	NA	Base	Yes	Appendix AD
Sauce-rest-api	http://saucelabs.com/	NA	OpenApps	No	Appendix AG
DTC – libfdt	https://github.com/dgibson/dtc/tree/master/libfdt	N/A	Tools/Build	No	Appendix AA
OpenLDAP	https://www.openldap.org/software/download/OpenLDAP/openldap-release/openldap-2.4.45.tgz	2.4.45	Management	Yes	Appendix AE

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Appendix C

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Mark Adler madler@alumni.caltech.edu

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     - IDEA is no longer included, its use is deprecated
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     - GMP is no longer used, and instead we call BN code from OpenSSL
     - Zlib is now external, in a library
     - The make-ssh-known-hosts script is no longer included
     - TSS has been removed
     - MD5 is now external, in the OpenSSL library
     - RC4 support has been replaced with ARC4 support from OpenSSL
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```

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    *
    * Optimised ANSI C code for the Rijndael cipher (now AES)
    *
    * @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
    * @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even bemouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

  Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

  <signature of Ty Coon>, 1 April 1989

  Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

Appendix K

```
7-Zip
  ~~~~~
  License for use and distribution
  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

  7-Zip Copyright (C) 1999-2011 Igor Pavlov.

  Licenses for files are:
    1) 7z.dll: GNU LGPL + unRAR restriction
    2) All other files:  GNU LGPL

  The GNU LGPL + unRAR restriction means that you must follow both
  GNU LGPL rules and unRAR restriction rules.

  Note:
    You can use 7-Zip on any computer, including a computer in a
    commercial organization. You don't need to register or pay for 7-Zip.


  GNU LGPL information
  --------------------

    This library is free software; you can redistribute it and/or
    modify it under the terms of the GNU Lesser General Public
    License as published by the Free Software Foundation; either
    version 2.1 of the License, or (at your option) any later version.

    This library is distributed in the hope that it will be useful,
    but WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
    Lesser General Public License for more details.

    You can receive a copy of the GNU Lesser General Public License
    from http://www.gnu.org/


unRAR restriction
  -----------------

    The decompression engine for RAR archives was developed using
    source code of unRAR program.
    All copyrights to original unRAR code are owned by Alexander Roshal.

    The license for original unRAR code has the following restriction:
      The unRAR sources cannot be used to re-create the RAR compression
      algorithm, which is proprietary. Distribution of modified unRAR
      sources in separate form or as a part of other software is
      permitted, provided that it is clearly stated in the
      documentation and source comments that the code may
      not be used to develop a RAR (WinRAR) compatible archiver.
```

Appendix L

Software License Agreement (BSD License)
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Sources of Intellectual Property Included in the YUI Library

YUI is issued by Yahoo! under the BSD license above. Below is a list of certain publicly available software that is the source of intellectual property in YUI, along with the licensing terms that pertain to thosesources of IP. This list is for informational purposes only and is not intended to represent an exhaustive list of third party contributions to the YUI.

   * Douglas Crockford's JSON parsing and stringifying methods: In the JSON Utility, Douglas Crockford's JSON parsing and stringifying methods are adapted from work published at JSON.org. The adapted work is in the public domain.
   * Robert Penner's animation-easing algorithms: In the Animation Utility, YUI makes use of Robert Penner's algorithms for easing.
   * Geoff Stearns's SWFObject: In the Charts Control and the Uploader versions through 2.7.0, YUI makes use of Geoff Stearns's SWFObject v1.5 for Flash Player detection and embedding. More information on SWFObject can be found here (http://blog.deconcept.com/swfobject/). SWFObject is (c) 2007 Geoff Stearns and is released under the MIT License (http://www.opensource.org/licenses/mit-license.php).
   * Diego Perini's IEContentLoaded technique: The Event Utility employs a technique developed by Diego Perini and licensed under GPL. YUI's use of this technique is included under our BSD license with the author's permission.

Appendix M

```
Copyright (c) 1991, 1992 Paul Kranenburg <pk@cs.few.eur.nl>
Copyright (c) 1993 Branko Lankester <branko@hacktic.nl>
```

Appendix N

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.

Appendix P

RPM's introduced with the EFOS 1.2 release.

This Open Source Software is not linked or compiled with BRCM code. We are providing it in a separate distribution from the standard .stk file.

Name	Description	Source of the Open Source	License
acl	This package contains the getfacl and setfacl utilities needed for manipulating access control lists.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/acl-2.2.49-6.el6.src.rpm, Feb-1 2012	GPLv2+
attr	A set of tools for manipulating extended attributes on file system	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/attr-2.4.44-7.el6.src.rpm, Feb-1 2012	GPLv2+
bash	The GNU Bourne Again shell (Bash) is a shell	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/bash-4.1.2-8.el6.centos.src.rpm, Feb-1 2012	GPLv3+
bzip2	Bzip2 is a freely available, patent-free, high quality data compressor	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/bzip2-1.0.5-7.el6_0.src.rpm, Jun-10 2012	BSD
ca-certificates	This package contains the set of CA certificates chosen by the Mozilla Foundation for use with the Internet PKI	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/ca-certificates-2010.63-3.el6_1.5.src.rpm, Jun-10 2012	MPL
chkconfig	Chkconfig is a basic system utility. It updates and queries runlevel information for system services	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/chkconfig-1.3.47-1.el6.src.rpm, Feb-1 2012	GPLv2

Name	Description	Source of the Open Source	License
coreutils	These are the GNU core utilities. This package is the combination of the old GNU fileutils, sh-utils and textutils packages	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/coreutils-8.4-16.el6.src.rpm, Feb-1 2012	GPLv3+
cpio	GNU cpio copies files into or out of a cpio or tar archive	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/cpio-2.10-9.el6.src.rpm, Jun-10 2012	GPLv3+
curl	cURL is a tool for getting files from HTTP, FTP, FILE, LDAP, LDAPS, DICT, TELNET and TFTP server, using any of the supported protocols	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/curl-7.19.7-26.el6_1.2.src.rpm, Jun-10 2012	MIT
db4	The Berkeley Database (Berkeley DB) is a programmatic toolkit that provides embedded database support for both traditional and client/server applications	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/db4-4.7.25-16.el6.src.rpm, Feb-1 2012	BSD
diffutils	Diffutils includes four utilities: diff, cmp, diff3 and sdiff	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/diffutils-2.8.1-28.el6.src.rpm, Jun-10 2012	GPLv2+
dos2unix	Dos2unix converts DOS or MAC text files to UNIX format.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/dos2unix-3.1-37.el6.src.rpm, Feb-1 2012	BSD

Name	Description	Source of the Open Source	License
ethtool	This utility allows querying and changing settings such as speed, port, auto negotiation, PCI locations and checksum offload on many network devices, especially of ethernet devices	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/ethtool-2.6.33-0.3.el6.src.rpm, Jun-10 2012	GPLv2
expat	This is expat, the C library for parsing XML, written by James Clark. Expat is a stream oriented XML parser	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/expat-2.0.1-9.1.el6.src.rpm, Feb-1 2012	MIT
expat	This is expat, the C library for parsing XML, written by James Clark	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/expat-2.0.1-9.1.el6.src.rpm, Jun-10 2012	MIT
file	The file command is used to identify a particular file according to the type of data contained by the file.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/file-5.04-11.el6.src.rpm, Feb-1 2012	BSD
fipscheck	FIPS Check is a library for integrity verification of FIPS validated modules	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/fipscheck-1.2.0-7.el6.src.rpm, Jun-10 2012	BSD
flex	The flex program generates scanners	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/flex-2.5.35-8.el6.src.rpm, Jun-10 2012	BSD
ftp	The ftp package provides the standard UNIX command-line FTP (File Transfer Protocol) client	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/ftp-0.17-51.1.el6.src.rpm, Feb-1 2012	BSD with advertising

Name	Description	Source of the Open Source	License
gamin	This C library provides an API and ABI compatible file alteration monitor mechanism compatible with FAM but not dependent on a system wide daemon	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/gamin-0.1.10-9.el6.src.rpm, Jun-10 2012	LGPLv2
gawk	The gawk package contains the GNU version of awk, a text processing utility	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/gawk-3.1.7-6.el6.src.rpm, Jun-10 2012	GPLv3+
gdbm	Gdbm is a GNU database indexing library, including routines which use extensible hashing	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/gdbm-1.8.0-36.el6.src.rpm, Jun-10 2012	GPLv2+
glib2	Glib is the low-level core library that forms the basis for projects such as GTK+ and GNOME	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/glib2-2.22.5-6.el6.src.rpm, Jun-10 2012	LGPLv2+
gmp	The gmp package contains GNU MP, a library for arbitrary precision arithmetic, signed integers operations, rational numbers and floating point numbers	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/gmp-4.3.1-7.el6.src.rpm, Jun-10 2012	LGPLv2+, GPLv3+, LGPLv3+
grep	The GNU versions of commonly used grep utilities	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/grep-2.6.3-2.el6.src.rpm, Feb-1 2012	GPLv3+
groff	Groff is a document formatting system	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/groff-1.18.1.4-21.el6.src.rpm, Jun-10 2012	GPLv2, GFDL

Name	Description	Source of the Open Source	License
gzip	The gzip package contains the popular GNU gzip data compression program	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/gzip-1.3.12-18.el6.src.rpm, Jun-10 2012	GPLv2, GFDL
initscripts	The initscripts package contains the basic system scripts used to boot the system	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/initscripts-9.03.27-1.el6.centos.src.rpm, Feb-1 2012	GPLv2 and GPLv2+
iproute	The iproute package contains networking utilities (ip and rtmon, for example) which are designed to use the advanced networking capabilities of the Linux 2.4.x and 2.6.x kernel.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/iproute-2.6.32-17.el6.src.rpm, Feb-1 2012	GPLv2+
iptables	The iptables utility controls the network packet filtering code in the Linux kernel.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/iptables-1.4.7-4.el6.src.rpm, Feb-1 2012	GPLv2
iputils	The iputils package contains basic utilities for monitoring a network, including ping	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/iputils-20071127-16.el6.src.rpm, Jun-10 2012	GPLv2+
less	The iputils package contains basic utilities for monitoring a network, including ping	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/iputils-20071127-16.el6.src.rpm, Jun-10 2012	GPLv3+
libaio	The Linux-native asynchronous I/O facility has a richer API and capability set than the simple POSIX async I/O facility	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libaio-0.3.107-10.el6.src.rpm, Jun-10 2012	LGPLv2+

Name	Description	Source of the Open Source	License
libcap	libcap is a library for getting and setting POSIX.1e (formerly POSIX 6) draft 15 capabilities	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libcap-ng-0.6.4-3.el6_0.1.src.rpm, Jun-10 2012	LGPLv2+
libffi	The libffi library provides a portable, high level programming interface to various calling conventions	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libffi-3.0.5-3.2.el6.src.rpm, Jun-10 2012	BSD
libidn	GNU Libidn is an implementation of the Stringprep, Punycode and IDNA specifications defined by the IETF Internationalized Domain Names (IDN) working group, used for internationalized domain names	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libidn-1.18-2.el6.src.rpm, Jun-10 2012	LGPLv2+, GPLv3+, GFDL
libpng	The libpng package contains a library of functions for creating and manipulating PNG (Portable Networks Graphics) image format files	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libpng-1.2.46-1.el6_1.src.rpm, Jun-10 2012	zlib
libssh2	libssh2 is a library implementing the SSH2 protocol	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libssh2-1.2.2-7.el6_1.1.src.rpm, Jun-10 2012	BSD
libssl2	libssh2 is a library implementing the SSH2 protocol	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libssh2-1.2.2-7.el6_1.1.src.rpm, Feb-1 2012	BSD
libX11	Core X11 protocol client library	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libX11-1.3-2.el6.src.rpm, Jun-10 2012	MIT

Name	Description	Source of the Open Source	License
libXau	X.Org X11 libXau development package	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libXau-1.0.5-1.el6.src.rpm, Jun-10 2012	MIT
libxcb	The X protocol C-language Binding (XCB) is a replacement for Xlib featuring a small footprint, latency hiding, direct access to the protocol, improved threading support, and extensibility	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libxcb-1.5-1.el6.src.rpm, Jun-10 2012	MIT
libXdmcp	X.Org X11 libXdmcp development package	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libXdmcp-1.0.3-1.el6.src.rpm, Jun-10 2012	MIT
libxml2	The library allows to manipulate XML files	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/libxml2-2.7.6-4.el6.src.rpm, Jun-10 2012	MIT
m4	A GNU implementation of the traditional UNIX macro processor	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/m4-1.4.13-5.el6.src.rpm, Jun-10 2012	GPLv3+
module-init-tools	The module-init-tools package includes various programs needed for automatic loading and unloading of modules under 2.6 and later kernels.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/module-init-tools-3.9-17.el6.src.rpm, Feb-1 2012	GPLv2+
ncurses	The curses library routines are a terminal-independent method of updating character screens with reasonable optimization.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/ncurses-5.7-3.20090208.el6.src.rpm, Feb-1 2012	MIT

Name	Description	Source of the Open Source	License
net-tools	The net-tools package contains basic networking tools, including ifconfig, netstat, route and others	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/net-tools-1.60-109.el6.src.rpm, Jun-10 2012	GPL+
newt	New is a programming library for color text mode, widget based user interfaces	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/newt-0.52.11-3.el6.src.rpm, Jun-10 2012	LGPLv2
nfs-utils	The nfs-utils package provides a daemon for the kernel NFS server and related tools	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/nfs-utils-1.2.3-15.el6.src.rpm, Feb-1 2012	MIT and GPLv2 and GPLv2+ and BSD
nspr	NSPR provides platform independence for non-GUI operating system facilities.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/nspr-4.8.8-3.el6.src.rpm, Feb-1 2012	MPLv1.1 or GPLv2+2 or LGPLv2+
nss	Network Security Services (NSS) is a set of libraries designed to support cross-platform development of security-enabled client and server applications.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/nss-3.12.10-16.el6.src.rpm, Feb-1 2012	MPLv1.1 or GPLv2+2 or LGPLv2+
nss-softokn	Network Security Services Softoken Cryptographic Module	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/nss-softokn-3.12.9-11.el6.src.rpm, Feb-1 2012	MPLv1.1 or GPLv2+2 or LGPLv2+
nss-util	Utilities for Network Security Services and the Softoken module	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/nss-util-3.12.10-2.el6.src.rpm, Feb-1 2012	MPLv1.1 or GPLv2+2 or LGPLv2+
oniguruma	Oniguruma is a regular expression library	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/oniguruma-5.9.1-3.1.el6.src.rpm, Jun-10 2012	BSD

Name	Description	Source of the Open Source	License
openssh	An open source implementation of SSH protocol versions 1 and 2	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/openssh-5.3p1-70.el6.src.rpm, Feb-1 2012	BSD
openssl	A general purpose cryptography library with TLS implementation	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/openssl-1.0.0-20.el6.src.rpm, Feb-1 2012	OpenSSL
pam	PAM is a system security tool that allows sytem administrators to set authentication policy without having to recompile programs that handle authentication	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/pam-1.1.1-10.el6.src.rpm, Jun-10 2012	GPLv2+
pcre	Perl-compatible regular expression library	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/pcre-7.8-3.1.el6.src.rpm, Jun-10 2012	BSD
popt	Popt is a C library for parsing command line parameters.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/popt-1.13-7.el6.src.rpm, Feb-1 2012	MIT
procps	The procps package contains a set of system utilities that provide system information	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/procps-3.2.8-21.el6.src.rpm, Jun-10 2012	GPLv2+, LGPLv2+
psmisc	The psmisc package contains utilities for managing processes on your system: pstree, killall and fuser	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/psmisc-22.6-15.el6_0.1.src.rpm, Jun-10 2012	GPLv2+
python	An interpreted, interactive, object-oriented programming language	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/python-2.6.6-29.el6.src.rpm, Feb-1 2012	Python, http://www.python.org/download/releases/2.6.7/license/

Name	Description	Source of the Open Source	License
readline	The Readline library provides a set of functions that allow users to edit command lines	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/readline-6.0-3.el6.src.rpm, Jun-10 2012	GPLv3+
rpcbind	The rpcbind utility is a server that converts RPC program numbers into universal addresses	Centos 6.2 source RPM,http://vault.centos.org/6.2/os/Source/SPackages/rpcbind-0.2.0-8.el6.src.rpm, Feb-1 2012	GPL
rpm	The RPM package management system	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/rpm-4.8.0-19.el6.src.rpm, Feb-1 2012	GPLv2+
ruby	Ruby is the interpreted scripting language for quick and easy object-oriented programming	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/ruby-1.8.7.352-3.el6.src.rpm, Jun-10 2012	GPLv2+
rubygems	RubyGems is the Ruby standard for publishing and managing third party libraries	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/rubygems-1.3.7-1.el6.src.rpm, Jun-10 2012	GPL+
sed	The sed (Stream EDitor) editor is a stream or batch (non-interactive) editor.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/sed-4.2.1-7.el6.src.rpm, Feb-1 2012	GPLv2+
setup	The setup package contains a set of important system configuration and setup files, such as passwd, group, and profile	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/setup-2.8.14-13.el6.src.rpm, Jun-10 2012	Public Domain
shadow-utils	The shadow-utils package includes the necessary programs for converting UNIX password files to the shadow password format.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/shadow-utils-4.1.4.2-13.el6.src.rpm, Jun-10 2012	GPLv2+

Name	Description	Source of the Open Source	License
slang	S-Lang is an interpreted language and a programming library	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/slang-2.2.1-1.el6.src.rpm, Jun-10 2012	GPLv2+
sqlite	Library that implements an embeddable SQL database engine	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/sqlite-3.6.20-1.el6.src.rpm, Feb-1 2012	Public Domain
strace	The strace program intercepts and records the system calls called and received by a running process	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/strace-4.5.19-1.10.el6.src.rpm, Jun-10 2012	BSD
sysvinit	The sysvinit package contains a group of processes that control the very basic functions of your system	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/sysvinit-2.87-4.dsf.el6.src.rpm, Feb-1 2012	GPLv2+
tcl	The Tcl provides a powerful platform for creating integration applications that tie together diverse applications, protocols, devices and frameworks	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/tcl-8.5.7-6.el6.src.rpm, Jun-10 2012	TCL
tcsh	Tcsh is an enhanced but completely compatible version of csh, the C shell	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/tcsh-6.17-14.el6.src.rpm, Feb-1 2012	BSD
telnet	Telnet is a popular protocol for logging into remote systems over the Internet	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/telnet-0.17-47.el6.src.rpm, Feb-1 2012	BSD

Name	Description	Source of the Open Source	License
tk	When paired with the Tcl scripting language, Tk provides a fast and powerful way to create cross-platform GUI applications	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/tk-8.5.7-5.el6.src.rpm, Jun-10 2012	TCL
upstart	Upstart is an event-based replacement for the /sbin/init daemon which handles starting of tasks and services during boot	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/upstart-0.6.5-10.el6.src.rpm, Feb-1 2012	GPLv2 and LGPLv2+
util-linux-ng	The util-linux-ng package contains a large variety of low-level system utilities that are necessary for a Linux system to function	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/util-linux-ng-2.17.2-12.4.el6.src.rpm, Jun-10 2012	GPLv1+, GPLv2, GPLv2+, LGPLv2+
vim	VIM (VIsual editor iMproved) is an updated and improved version of the vi editor	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/vim-7.2.411-1.6.el6.src.rpm, Feb-1 2012	Vim and GPLv2+ and BSD and LGPLv2+ and Open Publication
wget	GNU Wget is a file retrieval utility which can use either the HTTP or FTP protocols	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/wget-1.12-1.4.el6.src.rpm, Feb-1 2012	GPLv3+ and GFDL
which	The which command shows the full pathname of a specified program, if the specified program is in your PATH	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/which-2.19-6.el6.src.rpm, Jun-10 2012	GPLv3
xcb-proto	XCB is a project to enable efficient language bindings to the X11 protocol	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/xcb-proto-1.6-1.el6.src.rpm, Jun-10 2012	MIT

Name	Description	Source of the Open Source	License
xorg-x11-proto-devel	X.Org X11 Protocol Headers	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/xorg-x11-proto-devel-7.6-13.el6.src.rpm, Jun-10 2012	MIT
xorg-x11-xtrans-devel	X.Org X11 developmental X transport library	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/xorg-x11-xtrans-devel-1.2.2-4.1.el6.src.rpm, Jun-10 2012	MIT
xz	XZ Utils are an attempt to make LZMA compression easy to use on free (as in freedom) operating systems	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/xz-4.999.9-0.3.beta.20091007git.el6.src.rpm, Feb-1 2012	LGPLv2+
zlib	Zlib is a general-purpose, patent-free, lossless data compression library which is used by many different programs.	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/zlib-1.2.3-27.el6.src.rpm, Feb-1 2012	zlib and Boost

Appendix Q

RPM's introduced with the EFOS 2.2 and EFOS OpEN 1.1 release.

This Open Source Software is not linked or compiled with BRCM code. We are providing it in a separate distribution from the standard .stk file.

Name	Description	Source of the Open Source	License
libedit	Bzip2 is a freely available, patent-free, high quality data compressor	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/bzip2-1.0.5-7.el6_0.src.rpm, Jun-10 2012	BSD
logrotate	This package contains the set of CA certificates chosen by the Mozilla Foundation for use with the Internet PKI	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/ca-certificates-2010.63-3.el6_1.5.src.rpm, Jun-10 2012	MPL
ntp	The NTP daemon and utilities	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/ntp-4.2.4p8-2.el6.centos.src.rpm, Apr-20 2013	MIT/BSD
puppet	Puppet lets you centrally manage every important aspect of your system using a cross-platform specification language	Puppet Labs source RPM, http://yum.puppetlabs.com/el/6/products/SRPMS/puppet-3.1.1-1.el6.src.rpm, June-14 2013	ASL 2.0
rubygem-chef	A systems integration framework, built to bring the benefits of configuration management to your entire infrastructure	Ruby Gem from http://rubygems.org/gems/chef, April-20 2013	Apache v2.0
rubygem-erubis	Erubis is an implementation of eRuby	Ruby Gem from http://rubygems.org/gems/erubis, April-20 2013	MIT
facter	This package gather facts for Puppet	Puppetlabs source RPM, http://yum.puppetlabs.com/el/6/products/SRPMS/facter-1.7.1-1.el6.src.rpm, June-14 2013	Apache v2.0

Name	Description	Source of the Open Source	License
hiera	A pluggable data store for hierarchical data	Puppetlabs source RPM, http://yum.puppetlabs.com/el/6/products/SRPMS/hiera-1.2.1-1.el6.src.rpm, June-14 2013	Apache v2.0
rubygem-highline	A high-level IO library that provides validation, type conservation, and more for command-line interfaces	Ruby Gem from http://rubygems.org/gems/highline, April-20 2013	GPLv2
rubygem-ipaddress	IP Address is a Ruby library designed to make manipulation of IPv4 and IPv6 addresses both powerful and simple.	Ruby Gem from http://rubygems.org/gems/ipaddress, April-20 2013	Custom (https://github.com/bluemonk/ipaddress/blob/master/LICENSE
rubygem-json	This is a JSON implementation as a Ruby extension in C	Ruby Gem from http://rubygems.org/gems/json, April-20 2013	Ruby license (http://www.ruby-lang.org/en/about/license.txt)
rubygem-mime-types	This library allows for the identification of a file's likely MIME content type	Ruby Gem from http://rubygems.org/gems/mim-types, April-20 2013	GPLv2
rubygem-mixlib-authentication	Mixes a simple per-request authentication	Ruby Gem from http://rubygems.org/gems/mixlib-authentication, April-20 2013	Apache v2.0
rubygem-mixlib-cli	A simple mixin for CLI interfaces, including option parsing	Ruby Gem from http://rubygems.org/gems/mixlib-cli, April-20 2013	Apache v2.0
rubygem-mixlib-config	A class based config mixin, similar to the one found in Chef	Ruby Gem from http://rubygems.org/gems/mixlib-config, April-20 2013	Apache v2.0
rubygem-mixlib-log	A gem that provides a simple mixin for log functionality	Ruby Gem from http://rubygems.org/gems/mixlib-log, April-20 2013	Apache v2.0

Name	Description	Source of the Open Source	License
rubygem-mixlib-shellout	Run external commands on Unix or Windows	Ruby Gem from http://rubygems.org/gems/mixlib-shellout, April-20 2013	Apache v2.0
rubygem-net-ssh	A pure Ruby implementation of the SSH2 client protocol	Ruby Gem from http://rubygems.org/gems/net-ssh, April-20 2013	Custom (https://github.com/net-ssh/net-ssh/blob/master/LICENSE.txt
rubygem-net-ssh-gateway	A simple library to assist in establishing tunneled Net::SSH connections	Ruby Gem from http://rubygems.org/gems/net-ssh-gateway, April-20 2013	Custom (https://github.com/net-ssh/net-scp/blob/master/LICENSE.txt
rubygem-net-ssh-multi	Control multiple Net::SSH connections via a single interface	Ruby Gem from http://rubygems.org/gems/net-ssh-multi, April-20 2013	Custom (https://github.com/net-ssh/net-scp/blob/master/LICENSE.txt
rubygem-ohai	Ohai profiles your system and emits JSON	Ruby Gem from http://rubygems.org/gems/ohai, April-20 2013	Apache v2.0
rubygem-rest-client	A simple HTTP and REST client for Ruby	Ruby Gem from http://rubygems.org/gems/rest-client, April-20 2013	MIT
rubygem-systemu	Run system commands	Ruby Gem from http://rubygems.org/gems/systemu, April-20 2013	Ruby license (http://www.ruby-lang.org/en/about/license.txt)
rubygem-yajl-ruby	Ruby C bindings to the excellent Yajl JSON stream-based parser library	Ruby Gem from http://rubygems.org/gems/yajl-ruby, April-20 2013	MIT
ruby-shadow	Ruby bindings for shadow password access	Ruby Gem from http://rubygems.org/gems/ruby-shadow, June-14 2013	Public Domain

Name	Description	Source of the Open Source	License
virt-what	virt-what is a shell script which can be used to detect if the program is running in a VM	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/virt-what-1.11-1.1.el6.src.rpm, June-104 2013	GPLv2+
Time	The GNU time utility runs another program, collects information about the resources used by that program, and displays the results	Centos 6.2 source RPM, http://vault.centos.org/6.2/os/Source/SPackages/time-1.7-37.1.el6.src.rpm, June-14 2013	GPLv2+

Appendix R

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the
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CJSON: (https://github.com/kbranigan/cJSON/blob/master/LICENSE) – actually spread into C files.

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Appendix AD

Python License Terms and Conditions

A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting

Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands

as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for

National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)

in Reston, Virginia where he released several versions of the

software.

In May 2000, Guido and the Python core development team moved to

BeOpen.com to form the BeOpen PythonLabs team. In October of the same

year, the PythonLabs team moved to Digital Creations (now Zope

Corporation, see http://www.zope.com). In 2001, the Python Software

Foundation (PSF, see http://www.python.org/psf/) was formed, a

non-profit organization created specifically to own Python-related

Intellectual Property. Zope Corporation is a sponsoring member of

the PSF.

All Python releases are Open Source (see http://www.opensource.org for

the Open Source Definition). Historically, most, but not all, Python

releases have also been GPL-compatible; the table below summarizes
the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,

because its license has a choice of law clause. According to

CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1

is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's

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