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### Table of Contents

Bomgar Source Code Offer .....4

Open Source Packages .....5

- Angular JS .....5
- Apache Flex SDK .....5
- as3crypto .....5
- Base64 Encoding Class in ActionScript 3 .....5
- bcrypt .....6
- Bootstrap .....6
- bulletphp (vlucas) .....6
- Camellia .....6
- Carbon (PHP) .....6
- certifi at PyPi .....6
- chardet at PyPi.....6
- chromium.....6
- CocoaAsyncSocket (robbiehanson).....7
- code-prettify (Google) .....7
- Composer (naderman) .....7
- Csipsimple (scan) .....7
- cstream .....7
- doctrine .....7
- encode and decode radix64 .....7
- esprima (ariya).....8
- Free open source implementation of TURN and STUN Server .....8
- FreeRDP (FreeRDP) .....8
- FreeRDP under MPL .....8
- FreeType font driver for pcf fonts .....8
- FreeType Project .....9
- ftrandom .....9

gmock .....	9
GNU Libtool .....	9
Google Breakpad .....	9
Grunt - The JavaScript Task Runner .....	9
Heimdall .....	9
Hunspell .....	10
lmlib2 .....	10
ISO C9x compliant stdint.h for Microsoft Visual Studio .....	10
jBBCode .....	10
jeremeamia-superclosure .....	10
jQuery (senchalabs) .....	10
jQuery (jquery) .....	10
jQuery UI .....	11
JSON.minify .....	11
json-cpp .....	11
klib attractivechaos .....	11
Laravel .....	11
laravel-agent-jenssegers .....	11
league/flysystem .....	11
libb64 .....	12
libradius .....	12
libsrtp (srtp) .....	12
libssh .....	12
libtelnet - TELNET protocol handling library .....	12
LibYuv Project .....	12
lodash (npm) .....	12
lpng - Ultra-light PNG loading library for Windows .....	12
lz4 Compression .....	13
MD4 (RFC-1320) message digest .....	13
mediaelement (johndyer) .....	13
Mobile-Detect (serbanghita) .....	13
monolog (Seldaek) .....	13
mp4v2 .....	13
Nmap Security Scanner .....	13
Nullsoft Scriptable Install System .....	13
OneLogin's SAML PHP Toolkit .....	14
OpenH264 .....	14
OpenSLP .....	14
OpenSSL .....	14
PHP .....	14
PHP Console Highlighter (JakubOnderka) .....	14
PHP Cron Expression Parser (mtdowling) .....	15
PHP dotenv (vlucas) .....	15
Php URL Validator .....	15
PHP_CodeSniffer (squizlabs) .....	15
php-export-data (elidickinson) .....	15
PHP-Parser (nikic) .....	15
prototype(sstephenson) .....	15

PSR Log .....	15
PsySH .....	16
Python .....	16
QHexEd - Qt Hexadecimal Editor .....	16
qico .....	16
QUnit JS .....	16
random_compat (paragonie) .....	16
ReactiveCocoa (ReactiveCocoa) .....	16
ReflectionCommon (phpDocumentor) .....	17
RequireJS (jrburke) .....	17
scifihifi-iphone .....	17
script.aculo.us (scriptaculous) .....	17
Secure Hashing Algorithm (SHA-1) .....	17
Smarty PHP template engine .....	17
SOCI - The C++ Database Access Library .....	17
socketpair.c .....	18
Speex .....	18
Split at GoogleCode .....	18
sskeychain (samsoffes) .....	18
Stringy .....	18
SVGPan .....	18
svg-scour (nhooley) .....	18
swfobject .....	19
Swift Mailer .....	19
Symfony .....	19
TestGen .....	19
The Boost C++ Libraries .....	19
The MD5 Message-Digest Algorithm (RSA) .....	19
Tornado (Facebook) .....	19
udptunnel (Columbia Univ) .....	20
urllib3 .....	20
UTF-8 CPP .....	20
utf8proc .....	20
W3C Schemas .....	20
webm .....	20
Windows Template Library (WTL) .....	20
X11 .....	20
XDG Base Directory .....	21
xmlseclibs .....	21
Additional Copyrights .....	21
Appendix A. License Texts .....	24
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zlib License .....	92
Appendix B. NMAP Security Scanner - 3rd Party Notice .....	93

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## Appendix B. NMAP Security Scanner - 3rd Party Notice

<https://nmap.org/book/man-legal.html>

This file is a list of the licenses of the third-party software used by Nmap and the other tools distributed with it. What follows is a description of each third-party package. At the end of this file is the license of each. The license of Nmap itself is in the COPYING file.

On all platforms, Nmap is normally linked with:

- o libpcap: Network packet capture library. Distributed with Nmap in the libpcap subdirectory.  
<http://www.tcpdump.org/>
- o libdnet: Networking library, used for low-level tasks such as sending ethernet frames. A modified version is distributed with Nmap in the libdnet-stripped subdirectory. A summary of Nmap-local modifications is in the file NMAP\_MODIFICATIONS.  
<http://code.google.com/p/libdnet/>
- o PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's version detection and is also made available as an NSE library. Distributed with Nmap in the libpcre subdirectory.  
<http://www.pcre.org/>
- o liblua: Lua programming language. Lua is the implementation language of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow running Lua programs inside Nmap. Distributed with Nmap in the liblua subdirectory. liblua can be omitted by configuring with the --without-liblua configuration directive.  
<http://www.lua.org/>
- o OpenSSL: Cryptographic library. OpenSSL is used by service detection and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL can be disabled by configuring with the --without-openssl configuration directive.  
<http://www.openssl.org/>
- o LIBLINEAR. Used for IPv6 OS classification.  
<http://www.csie.ntu.edu.tw/~cjlin/liblinear/>
- o libsvn. The Subversion library, used by the updater program nmap-update. <http://subversion.apache.org/>
- o APR (Apache Portable Runtime). Used by libsvn. <http://apr.apache.org/>

On Windows only, Nmap uses:

- o WinPcap: libpcap for Windows. The libpcap license applies to WinPcap, and it also has its own license. A binary copy of the library is distributed with Nmap in the subdirectory mswin32/winpcap.  
<http://www.winpcap.org/>

Certain Nmap Scripting Engine scripts use the simplified BSD license in

licenses/BSD-simplified.

Zenmap and Ndiff require:

- o Python. The binary distributions of Nmap include a Python interpreter and various libraries, built using either py2exe or py2app.  
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- o GLib, GTK+, ATK, Pango: These libraries are licensed under the GNU LGPL 2, a copy of which is in the file licenses/LGPL-2.  
<http://www.gtk.org/>
- o Cairo: graphics library. Dual-licensed under the GNU LGPL 2.1 and the MPL 1.1. See the files licenses/LGPL-2.1 and licenses/MPL-1.1.  
<http://www.cairographics.org/>
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<http://www.zlib.org/> <http://www.bzip.org/>
- o Expat: XML parser library.  
<http://expat.sourceforge.net/>
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<http://www.fontconfig.org/>
- o FreeType: font rendering library.  
<http://www.freetype.org/>
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- o libintl: gettext translation facilities. Under the GNU LGPL 2 and 2.1.  
<http://www.gnu.org/software/gettext/>
- o libxml2: XML parsing library.  
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- o Various X.org libraries. These were built using MacPorts.  
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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

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- o [freetype-devel@nongnu.org](mailto:freetype-devel@nongnu.org)

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

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--- end of FTL.TXT ---

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