**OPEN SOURCE SOFTWARE NOTICE**

Please note we provide an open source software notice along with this product and/or this product firmware (in the following just “this product”). The open source software licenses are granted by the respective right holders. And the open source licenses prevail all other license information with regard to the respective open source software contained in the product, including but not limited to End User Software Licensing Agreement. This notice is provided on behalf of Huawei Technologies Co. Ltd. and any of its local subsidiaries which may have provided this product to you in your local country.

**Warranty Disclaimer**

**The open source software in this product 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 applicable licenses for more details.**

**Copyright Notice and License Texts**

Software: nmap 7.92

**Copyright notice:**

Copyright (C) 1998-2010 Gilles Vollant (minizip)

Copyright (c) 2000-2001 Juliusz Chroboczek  
Copyright (c) 1990-2000 Info-ZIP. All rights reserved.  
Copyright (C) 2004-2017 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.  
Copyright (c) 1988, 1989, 1990, 1991, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.  
Copyright (c) 1995-1999 Kungliga Tekniska Högskolan (Royal Institute of Technology, Stockholm, Sweden).  
Copyright (c) 1990, 1991, 1992, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.  
Copyright (c) 1997-2008 University of Cambridge All rights reserved.  
Copyright (c) 2001 Atsushi Onoe  
Copyright (C) 1995-2017 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 2009-2019 by Daniel Stenberg  
Copyright (C) 1995-1997 Peter Mattis, Spencer Kimball and Josh MacDonald  
Copyright (C) 1995-2003 by Jean-loup Gailly.  
Copyright (c) 2004-2008, 2010, Sara Golemon <sarag@libssh2.org>  
Copyright 1997, 2000, 2001, 2002, 2006, Benjamin Sittler  
Copyright (c) 2002-2005 Sam Leffler, Errno Consulting All rights reserved.  
Copyright (c) 2009, 2010 Simon Josefsson <simon@josefsson.org>  
Copyright (c) 2009-2014 Daniel Stenberg  
Copyright (C) 1994-2018 Lua.org, PUC-Rio  
Copyright (c) 2014 Michal Labedzki for Tieto Corporation All rights reserved.  
Copyright (c) 1999, 2000 Politecnico di Torino. All rights reserved.  
Copyright (c) 1999 - 2005 NetGroup, Politecnico di Torino (Italy)  
Copyright (c) 2002 Dug Song <dugsong@monkey.org>  
Copyright (C) 2002-2013 Mark Adler For conditions of distribution and use, see copyright notice in puff.h version 2.3, 21 Jan 2013  
Copyright (c) 2007-2008, Google Inc.  
Copyright (c) 2008-2019 by Daniel Stenberg  
Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper  
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler  
copyright (C) 1996-2010 Julian R Seward. All rights reserved.  
Copyright (c) 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. Copyright (C) 2007 The Written Word, Inc.  
Copyright (C) 2004, 2010 Mark Adler For conditions of distribution and use, see Copyright (c) 2000-2006 Dug Song <dugsong@monkey.org>  
Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler For conditions of Copyright (c) 1986, 1993 The Regents of the University of California. All rights reserved.  
Copyright (c) 1991-1997 Silicon Graphics, Inc.  
Copyright (C) 2008, 2009, 2010 Simon Josefsson  
Copyright (c) 2005 - 2009 CACE Technologies, Inc. Davis (California)  
Copyright (c) 2007 Andy Lutomirski  
Copyright (C) 1995-2003 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (C) 1995-1997 Peter Mattis, Spencer Kimball and Josh MacDonald  
Copyright (c) 1996 by Internet Software Consortium.  
Copyright (c) 1992, 1993, 1994, 1995, 1996 The Regents of the University of California. Copyright (c) 1997 Yen Yen Lim and North Dakota State University. All rights reserved.  
Copyright (c) 2005 Mikhail Gusarov <dottedmag@dottedmag.net>  
Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson  
Copyright (C) 1998,1999,2000 by Jacques Nomssi Nzali.  
Copyright (C) 2013-2015 Marc Hoersken <info@marc-hoersken.de>  
Copyright (C) 2003 Mark Adler For conditions of distribution and use, see copyright Copyright (c) 1990, 1993, 1994, 1995, 1996 The Regents of the University of California. Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 2009-2019 by Daniel Stenberg All rights reserved.  
Copyright (C) 2003 Chris Anderson <christop@charm.net>  
Copyright (c) 1989, 1990, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.  
Copyright (c) 1998 Egbert Eich  
Copyright (c) 1993 by Digital Equipment Corporation.  
Copyright (c) 1993 The Regents of the University of California. All rights reserved.  
Copyright (c) 2010 Simon Josefsson <simon@josefsson.org>  
Copyright 1989 by Carnegie Mellon.  
Copyright (C) 1995-2011, 2016 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 1997-2008 University of Cambridge  
Copyright (c) 1997-2008 University of Cambridge All rights reserved  
Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly For conditions of Copyright 2013, Lua.org & PUC-Rio (see lpeg.html for license)  
Copyright (c) 2001 Daniel Hartmeier All rights reserved.  
Copyright (c) 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved.  
Copyright (c) 2007-2008 Google Inc All rights reserved  
Copyright (c) 1996 L. Peter Deutsch  
Copyright (c) 1994, 1996 The Regents of the University of California. All rights reserved.  
Copyright (C) 2006, 2007, The Written Word, Inc.  
Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Python Software Foundation; All Rights Reserved are retained in Python alone or in any derivative version prepared by Licensee.  
Copyright (c) 1996 Juniper Networks, Inc. All rights reserved.  
Copyright (c) 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved.  
Copyright (c) 2007-2009 Red Hat, Inc.  
Copyright (C) 1998-2005 Gilles Vollant  
Copyright (c) 2016, Art <https://github.com/wildart>  
Copyright (C) 2009 Daniel Stenberg. All rights reserved.  
Copyright (C) 2007, 2008 Insecure.Com LLC}  
Copyright (c) 2009-2014 by Daniel Stenberg All rights reserved.  
Copyright (c) 1993, 1994, 1997 The Regents of the University of California. All rights reserved.  
Copyright (c) 2008 CACE Technologies, Davis (California)  
Copyright (c) 2006-2009 Simon Thum  
Copyright (c) 2005-2008 Daniel Stone  
Copyright (c) 1998, 2015 Todd C. Miller <Todd.Miller@courtesan.com>  
Copyright (c) 2009-2015 by Daniel Stenberg  
Copyright (C) 2010 Simon Josefsson Author: Simon Josefsson  
Copyright (c) 2004-2006, Sara Golemon <sarag@libssh2.org>  
Copyright (c) 2010-2014 by Daniel Stenberg All rights reserved.  
Copyright (C) 1998 by Bob Dellaca.  
Copyright (c) 2010-2019, Daniel Stenberg <daniel@haxx.se>  
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 1997 Christian Michelsen Research AS Advanced Computing Fantoftvegen 38, 5036 BERGEN, Norway  
Copyright (C) 2008, 2009 Simon Josefsson All rights reserved.  
Copyright (c) 2006-2008 Peter Hutterer  
Copyright (c) 2006 Nokia Corporation  
Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg  
Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved.  
Copyright (c) 1994, 1995, 1996 The Regents of the University of California. All rights reserved.  
Copyright (c) 1996, 1997 Andreas Dilger Distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:  
Copyright (C) 2010 Simon Josefsson <simon@josefsson.org>  
Copyright (c) 2009-2010 by Daniel Stenberg All rights reserved.  
Copyright (c) 1993, 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved.  
Copyright (c) 2008-2009 Daniel Roethlisberger <daniel@roe.ch>  
Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org>  
Copyright (c) 2005 - 2008 CACE Technologies, Davis (California)  
Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.  
Copyright (C) 2017 Ali Abdulkadir <autostart.ini@gmail.com>.  
Copyright (c) 1990, 1991, 1992, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.  
Copyright (c) 2008 Gábor Stefanik  
Copyright 1989 by Carnegie Mellon.  
Copyright (C) 1995-2016 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.  
Copyright (C) 2009-2010 by Daniel Stenberg  
Copyright (c) 1998-2010 Glenn Randers-Pehrson  
Copyright (c) 1988, 1993 The Regents of the University of California. All rights reserved.  
Copyright (c) 2007, 2008 Johannes Berg  
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.  
Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.  
Copyright (c) 2002 - 2003 NetGroup, Politecnico di Torino (Italy)  
Copyright (c) 2010 Simon Josefsson All rights reserved.  
Copyright (c) 2005 - 2010 CACE Technologies, Davis (California)  
Copyright (C) 2003, 2012, 2013 Mark Adler For conditions of distribution and use, see copyright notice in blast.h version 1.3, 24 Aug 2013  
Copyright (c) 2007 Eli Fant <elifantu@mail.ru>  
Copyright (c) 1993, 1994, 1996 The Regents of the University of California. All rights reserved.  
Copyright 2008 Insecure.Com LLC Ndiff is distributed under the same license as Nmap. See the file LICENSE or more details.  
Copyright (c) 2006 Adam Jackson  
Copyright (c) 2004-2009, Sara Golemon <sarag@libssh2.org>  
Copyright (c) 2000 Dug Song <dugsong@monkey.org>  
 deflate 1.2.11 Copyright 1995-2017 Jean-loup Gailly and Mark Adler ;  
Copyright (c) 1999-2011 Douglas Gilbert. All rights reserved.  
Copyright (c) 2011 Jakub Zawadzki All rights reserved.  
Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly For conditions of distribution and use, see copyright notice in zlib.h  
Copyright 2001 Sun Microsystems Inc.  
Copyright (C) 2008, 2009, Simon Josefsson  
Copyright (c) 2010 Simon Josefsson All rights reserved.  
Copyright (c) 2010-2014, Daniel Stenberg <daniel@haxx.se>  
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>  
Copyright (c) Henrik Ravn 2004  
Copyright (c) 2007-2011 The LIBLINEAR Project.  
Copyright (c) 1983 Regents of the University of California. All rights reserved.  
Copyright (c) 2007 Fulko Hew, SITA INC Canada, Inc <fulko.hew@sita.aero>  
Copyright (c) 2006 Luc Verhaegen  
Copyright (c) 1998-2016 The OpenSSL Project. All rights reserved.  
Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved.  
Copyright (C) 1995-2017 Jean-loup Gailly detectdatatype() function provided freely by Cosmin Truta, 2006 For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 1987, 2003-2006, 2008-2009 Sun Microsystems, Inc.  
Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.  
Copyright (c) 2007 Mike Kershaw  
Copyright (c) 2009 by Daiki Ueno  
Copyright (C) 1995-2003, 2010 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 2009-2015 Daniel Stenberg  
Copyright (c) 2008-2010 by Daniel Stenberg  
Copyright (c) 2004-2007, 2019, Sara Golemon <sarag@libssh2.org>  
Copyright (C) 2010 - 2012 by Daniel Stenberg Author: Daniel Stenberg <daniel@haxx.se>  
Copyright (C) 1994-2008 Lua.org, PUC-Rio. All rights reserved.  
Copyright (c) 1996 David Mazieres <dm@lcs.mit.edu>  
Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.  
Copyright (c) 2005,2006 Mikhail Gusarov <dottedmag@dottedmag.net>  
Copyright (c) 2000 Torsten Landschoff <torsten@debian.org>  
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright (C) 2009-2010 by Daniel Stenberg Author: Daniel Stenberg <daniel@haxx.se>  
Copyright (c) 1998 Softweyr LLC. All rights reserved.  
Copyright (c) 1982, 1986, 1993 The Regents of the University of California. All rights reserved.  
Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
Copyright (c) 1988-1997 Sam Leffler  
Copyright (c) 2014, 2015 Alexander Lamaison <alexander.lamaison@gmail.com>  
Copyright (C) 1995-2003 Jean-loup Gailly and Mark Adler.  
Copyright (c) 1999 Keith Packard  
Copyright (C) 2002-2013 Mark Adler, all rights reserved version 2.3, 21 Jan 2013  
Copyright (c) 2009-2010 by Daniel Stenberg  
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007 2008 Free Software Foundation, Inc.  
Copyright (c) 2005 - 2010 CACE Technologies, Davis (California).  
Copyright (C) 2008, Simon Josefsson All rights reserved.  
Copyright (c) 1998, 1999, 2000 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:  
Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (C) 1995-2017 Jean-loup Gailly For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (C) 2016 Julian Andres Klode <jak@debian.org>.  
Copyright (c) 2005,2006 Mikhail Gusarov  
Copyright (c) 2002 - 2005 NetGroup, Politecnico di Torino (Italy)  
Copyright (C) 1991 Free Software Foundation, Inc.  
Copyright (C) 2006, 2007 The Written Word, Inc. All rights reserved.  
Copyright (c) 2017 Pure Storage, Inc.  
Copyright (c) 2009 NVIDIA Corporation  
Copyright (c) 2012 Jakub Zawadzki All rights reserved.  
Copyright (c) 2004-2008, Sara Golemon <sarag@libssh2.org>  
Copyright (c) 2001,2003 Keith Packard  
Copyright (c) 1994–2016 Lua.org, PUC-Rio.  
Copyright (c) 2006-2007 Intel Corporation  
Copyright (c) 1999 Masaki Hirabaru <masaki@merit.edu>  
Copyright 1997 Niels Provos <provos@physnet.uni-hamburg.de>  
Copyright (c) 2009-2014 by Daniel Stenberg  
Copyright (C) 2010 by Daniel Stenberg Author: Daniel Stenberg <daniel@haxx.se>  
Copyright (C) 2007 The Written Word, Inc. All rights reserved.  
Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
Copyright (c) 2013 Ted Unangst <tedu@openbsd.org>  
Copyright (c) 2001 Dug Song <dugsong@monkey.org>  
Copyright (c) 2000-2002 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-1.0.6  
Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson  
Copyright (c) 1993, 1994, 1995, 1996, 1998 The Regents of the University of California. All rights reserved.  
Copyright 2007, Lua.org & PUC-Rio (see lpeg.html for license)  
Copyright (C) 1999 Red Hat Software  
Copyright (c) 2004, 2006-2010 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-1.2.5  
Copyright (C) 2006-2008 Johan Dahlin  
Copyright (c) 2014 Alexander Lamaison <alexander.lamaison@gmail.com>  
Copyright (C) 2003 by Cosmin Truta.  
Copyright (C) 1995-2005, 2010 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (c) 1999 - 2005 NetGroup, Politecnico di Torino (Italy).  
Copyright (c) 2006-2007 The Written Word, Inc.  
Copyright (C) 2009-2010 Mathias Svensson ( http:result42.com )  
Copyright (C) 1998-2003 Daniel Veillard. All Rights Reserved.  
Copyright (C) 2014 Luigi Rizzo. All rights reserved.  
Copyright (c) 2004-2007, Sara Golemon <sarag@libssh2.org>  
Copyright (C) 2007-2008 Even Rouault  
Copyright (C) 2010-2014 by Daniel Stenberg All rights reserved.  
Copyright (c) 1996 Juniper Networks, Inc. All rights reserved.  
Copyright (c) 2010 Lars Nordin <Lars.Nordin@SDlabs.se>  
Copyright (c) 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.  
Copyright (C) 2009, 2010 Simon Josefsson  
Copyright (c) 2013, Petar Alilovic, Faculty of Electrical Engineering and Computing, University of Zagreb All rights reserved  
Copyright (C) 1995-2008 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h  
Copyright (C) 2003, 2012, 2013 Mark Adler version 1.3, 24 Aug 2013  
Copyright (C) 2010-2019 Daniel Stenberg  
Copyright (c) 1990 The Regents of the University of California.  
Copyright (C) 1994-2018 Lua.org, PUC-Rio.  
Copyright (c) 2006 Paolo Abeni (Italy)  
Copyright (C) 2015 Patrick Monnerat, D+H <patrick.monnerat@dh.com>  
Copyright (c) 1997 Yen Yen Lim and North Dakota State University All rights reserved.  
Copyright (C) 1998-2003 James Henstridge 2004-2006 Johan Dahlin

**License:** Nmap