**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: sudo 1.9.2

**Copyright notice:**

Copyright (C) 1984, 1989-1990, 2000-2015, 2018-2020 Free Software Foundation,

Copyright (c) 1989, 1990, 1991, 1993

Copyright (c) 1989, 1991, 1993

Copyright (c) 1989, 1993

Copyright (c) 1990, 1993

Copyright (c) 1991, 1993

Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

Copyright (c) 1993-1996, 1998-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1994-1996, 1998-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1994-1996, 1998-2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 1995-2003, 2010 Mark Adler

Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler

Copyright (C) 1995-2005, 2010 Mark Adler

Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler

Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

Copyright (C) 1995-2011, 2016 Mark Adler

Copyright (C) 1995-2016 Jean-loup Gailly

Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler

Copyright (C) 1995-2016 Mark Adler

Copyright (C) 1995-2017 Jean-loup Gailly

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

Copyright (C) 1995-2017 Mark Adler

Copyright (c) 1996 by Internet Software Consortium.

Copyright (c) 1996, 1998, 1999 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1996, David Mazieres <dm@uun.org>

Copyright (c) 1996,1998-2005, 2007-2020

Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc.

Copyright (C) 1996-2015 Free Software Foundation, Inc.

Copyright (C) 1996-2020 Free Software Foundation, Inc.

Copyright (c) 1998-2005, 2010-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1999-2005, 2007-2012 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1999-2005, 2007-2016, 2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1999-2005, 2007-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1999-2005, 2007-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1999-2005, 2008-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 1999-2005, 2010-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 1999-2020 Free Software Foundation, Inc.

Copyright (c) 1999-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2000 The NetBSD Foundation, Inc.

Copyright (c) 2001 Emin Martinian

Copyright (C) 2001-2020 Free Software Foundation, Inc.

Copyright (c) 2002 Michael Stroucken <michael@stroucken.org>

Copyright (c) 2002 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2003-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

Copyright (C) 2004, 2010 Mark Adler

Copyright (c) 2004, 2010-2015, 2017-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc.

Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software

Copyright (c) 2004-2005, 2007, 2010, 2012-2015, 2017-2018

Copyright (C) 2004-2005, 2007-2008, 2011-2015 Free Software

Copyright (C) 2004-2005, 2007-2009, 2011-2015 Free Software

Copyright (c) 2004-2005, 2007-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2004-2005, 2007-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2004-2005, 2010-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2004-2008, 2010-2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2004-2015 Free Software Foundation, Inc.

Copyright (C) 2004-2017 Mark Adler

Copyright (c) 2005,2008,2010-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2007, 2013-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2007-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2008 Dan Walsh <dwalsh@redhat.com>

Copyright (c) 2008 Guido U. Draheim <guidod@gmx.de>

Copyright (c) 2008 Otto Moerbeek <otto@drijf.net>

Copyright (c) 2008 Ruediger Kuhlmann <info@ruediger-kuhlmann.de>

Copyright (c) 2008, 2010 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2008, 2010-2011, 2013

Copyright (c) 2008, 2010-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2008, 2010-2018, 2020-2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2008, 2016 Todd C. Miller <millert@openbsd.org>

Copyright (c) 2008, Damien Miller <djm@openbsd.org>

Copyright (c) 2008-2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2008-2015, Dave Benson and the protobuf-c authors.

Copyright (c) 2008-2018, Dave Benson and the protobuf-c authors.

Copyright (c) 2009 Christian S.J. Peron

Copyright (c) 2009-2010, 2013-2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2011, 2013, 2017-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2015, 2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2015, 2019-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2017 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2009-2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010 Philip Guenther <guenther@openbsd.org>

Copyright (c) 2010 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010, 2011, 2013 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010, 2011, 2013-2018

Copyright (c) 2010, 2012-2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010, 2012-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010, 2013 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010, 2013, 2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2012 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2012, 2014-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2012, 2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2013 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2013, 2015-2017 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2010-2015 Free Software Foundation, Inc.

Copyright (c) 2010-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2015, 2017-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2017, 2020-2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2010-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011 Daniel Kopecek <dkopecek@redhat.com>

Copyright (C) 2011 Free Software Foundation, Inc.

Copyright (c) 2011 Maarten Bosmans <mkbosmans@gmail.com>

Copyright (c) 2011 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011, 2014-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011, VMware, Inc.

Copyright (c) 2011-2012, 2014-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2013 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2013, 2015, 2017, 2019-2020

Copyright (c) 2011-2013, 2015-2016, 2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2015, 2017-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2015, 2017-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2017 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2011-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2012 Free Software Foundation, Inc.

Copyright (c) 2012 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2012, 2014-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2012-2014, 2017 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2012-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2012-2015, 2017-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2012-2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2012-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2012-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2013 P. Hamming

Copyright (c) 2013 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2013, 2016, 2018-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2013, Markus Friedl <markus@openbsd.org>

Copyright (c) 2013-2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2013-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2013-2015, 2017 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2013-2015, 2019-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2013-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2013-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2014 Bob Beck <beck@obtuse.com>

Copyright (C) 2014 Free Software Foundation, Inc.

Copyright (c) 2014 Theo de Raadt <deraadt@openbsd.org>

Copyright (c) 2014 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2014, 2017-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2014, Oracle and/or its affiliates.

Copyright (c) 2014, Theo de Raadt <deraadt@openbsd.org>

Copyright (c) 2014-2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2014-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2014-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2015 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2015, 2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2015, 2019-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2015-2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2016 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2016, 2017, 2018 Free Software Foundation, Inc.

Copyright (c) 2016-2017 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2016-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2017 Free Software Foundation, Inc.

Copyright (c) 2017 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2017, 2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2017-2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2017-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2018 Free Software Foundation, Inc.

Copyright (c) 2018 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2018-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2019 Robert Manner <robert.manner@oneidentity.com>

Copyright (c) 2019-2020 Robert Manner <robert.manner@oneidentity.com>

Copyright (c) 2019-2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (C) 2020 Free Software Foundation, Inc.

Copyright (c) 2020 Laszlo Orban <laszlo.orban@oneidentity.com>

Copyright (c) 2020 Robert Manner <robert.manner@oneidentity.com>

Copyright (c) 2020 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2020-2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright (c) 2021 Todd C. Miller <Todd.Miller@sudo.ws>

Copyright © 2012, 2016, 2017, 2018, 2019, 2020 Free Software Foundation, Inc.

Copyright 1992-2016 Free Software Foundation, Inc.

Copyright 1995-2017 Jean-loup Gailly and Mark Adler ";

Copyright 1995-2017 Mark Adler ";

Copyright 2018 One Identity LLC. ALL RIGHTS RESERVED.

Copyright 2018 One Identity LLC. ALL RIGHTS RESERVED."

Copyright 2018, One Identity LLC. ALL RIGHTS RESERVED."

Copyright 2020 One Identity LLC. ALL RIGHTS RESERVED

**License:** ISC

ISC License  
  
Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")  
Copyright (c) 1995-2003 by Internet Software Consortium  
  
Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.  
  
THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.