Contents

1 About this guide.................................................................3
2 System requirements..........................................................3
3 About Sophos Anti-Virus for UNIX........................................3
   3.1 What Sophos Anti-Virus does........................................3
   3.2 How Sophos Anti-Virus protects your computer................3
4 Installing Sophos Anti-Virus across a network..........................4
   4.1 Create the CID on the server........................................4
   4.2 Installing Sophos Anti-Virus from the CID.......................5
      4.2.1 Create a deployment package.................................5
      4.2.2 Install Sophos Anti-Virus using the deployment package..5
5 Install Sophos Anti-Virus on a standalone computer...................6
6 Run an on-demand scan of the computer..................................6
7 What happens if viruses are detected....................................7
8 Uninstall Sophos Anti-Virus................................................7
9 Technical support...................................................................8
10 Legal notices.......................................................................8
1 About this guide

This guide tells you how to install Sophos Anti-Virus on networked and standalone UNIX computers.
You can find details of all configuration options in the man pages and the Sophos Anti-Virus for UNIX configuration guide for version 9.

**Note:** We recommend that you install Sophos Anti-Virus using Sophos Enterprise Console instead of the installation method described in this guide.

For information on how to install and centrally manage Sophos Anti-Virus using Sophos Enterprise Console, or how to use Sophos Anti-Virus in a mixed UNIX and Windows network, see the Sophos Enterprise Console startup guide for Linux, NetWare, and UNIX instead of this guide.


2 System requirements

For system requirements, go to the system requirements page of the Sophos website ([http://www.sophos.com/en-us/products/all-system-requirements.aspx](http://www.sophos.com/en-us/products/all-system-requirements.aspx)).

3 About Sophos Anti-Virus for UNIX

3.1 What Sophos Anti-Virus does

Sophos Anti-Virus detects and deals with viruses (including worms and Trojans) on your UNIX computer. As well as being able to detect all UNIX viruses, it can also detect all non-UNIX viruses that might be stored on your UNIX computer and transferred to non-UNIX computers. It does this by scanning your computer.

3.2 How Sophos Anti-Virus protects your computer

Sophos Anti-Virus enables you to run an on-demand scan. An on-demand scan is a scan that you initiate. You can scan anything from a single file to everything on your computer that you have permission to read. You can either manually run an on-demand scan or schedule it to run unattended.
4 Installing Sophos Anti-Virus across a network

You install Sophos Anti-Virus on networked UNIX computers as follows:

1. Create a central installation directory (CID) on a server. This is a set of files that includes everything needed for installation.
2. Install Sophos Anti-Virus across the network from the CID.

4.1 Create the CID on the server

To perform this procedure, you must be logged on to your UNIX server as root.

2. On the web page for Endpoint Security and Data Protection downloads, click the link for anti-virus for UNIX.
3. On the web page that is displayed, download the Sophos Anti-Virus for UNIX, version 9 tarball to a temporary directory, for example /tmp.
4. Change to the temporary directory and untar the tarball:
   `tar -xvf tarball`
5. Run the install script:
   `./sophos-av/install.sh`
   When prompted for the type of auto-update you require, select Sophos. Enter the username and password that are included with your license.
   Sophos Anti-Virus is installed in the directory that you selected.
6. Run the update script to download the central installation files from Sophos:
   `/opt/sophos-av/bin/savupdate`
   A local cache directory is created by default in `/opt/sophos-av/update/cache/Primary/`. The local cache directory is the installset that is used to update an installation of Sophos Anti-Virus. The local cache directory updates itself automatically from Sophos. By default, it updates every 60 minutes, provided that the server is connected to the internet.
7. Copy the local cache directory to a location that is accessible by all the other computers on the network to create a CID.
   We recommend that the other computers have only read access to the CID.

You have finished creating the CID on the server.
4.2 Installing Sophos Anti-Virus from the CID

Having created the CID, you install Sophos Anti-Virus on the rest of the network as follows:

1. Create a deployment package that can be used to install Sophos Anti-Virus on other computers.
2. Install Sophos Anti-Virus on each computer using the deployment package.

4.2.1 Create a deployment package

To perform this procedure, you must be logged on to your UNIX server as root.

You can use the `mkinstpkg` script to create a deployment package for your end-users. This script uses the same display as the install script, and the answers gathered are inserted into the deployment package. When the end-user installs from the deployment package, it will not ask them any questions and will set up both the update location and credentials for them correctly.

To create a deployment package:

1. Go to the directory `/opt/sophos-av/update/`.
2. To create a tar format deployment package, called `savinstpkg.tar`, type: 
   ```
   ./mkinstpkg
   ```
   When prompted for the location from which to update, type the address of the CID as it appears to the other computers. Enter the username and password that are required to access that address, if applicable.

   A deployment package is created.

3. Use your own tools to copy this package to the computers where you want to install Sophos Anti-Virus.

4.2.2 Install Sophos Anti-Virus using the deployment package

To perform this procedure, you must be logged on to the computer as root.

On each computer:

1. Place the deployment package in a temporary directory and change to that directory.
2. To install from the tar package, type: 
   ```
   tar -xvf savinstpkg.tar
   ./sophos-av/install.sh
   ```
   This copies the necessary files from the server and installs Sophos Anti-Virus.

You have finished installing Sophos Anti-Virus on this computer. Sophos Anti-Virus will update itself automatically from the CID. By default, it will do this every 60 minutes.

Sophos Anti-Virus also sends product and platform information to Sophos to help us with product development. See Sophos Knowledgebase Article 121214.
5 Install Sophos Anti-Virus on a standalone computer

To perform this procedure, you must be logged on to the standalone computer as root.

2. On the web page for Endpoint Security and Data Protection downloads, click the link for anti-virus for UNIX.
3. On the web page that is displayed, download the Sophos Anti-Virus for UNIX, version 9 tarball to a temporary directory, for example /tmp.
4. Change to the temporary directory and untar the tarball:
   \[ \text{tar} \ -xvf \ \text{tarball} \]
5. Run the install script:
   \[ ./\text{sophos-av/install.sh} \]
   When prompted for the type of auto-update you require, select Sophos. Enter the username and password that are included with your license.

Sophos Anti-Virus is installed in the directory that you selected.

You have finished installing Sophos Anti-Virus on the standalone computer. Sophos Anti-Virus will update itself automatically from Sophos. By default, it will do this every 60 minutes, provided that the computer is connected to the internet.

Sophos Anti-Virus also sends product and platform information to Sophos to help us with product development. See Sophos Knowledgebase Article 121214.

6 Run an on-demand scan of the computer

Having just installed Sophos Anti-Virus, we recommend that you scan the whole computer for viruses, especially if it's a server and you want to minimize the possibility of spreading viruses to the other computers. To do this, you run an on-demand scan.

- To run an on-demand scan of the computer, type:
  \[ \text{savscan} \ / \]
7 What happens if viruses are detected

Regardless of whether viruses are detected by an on-demand scan or scheduled scan, by default Sophos Anti-Virus:

- Logs the event in syslog and the Sophos Anti-Virus log.
- Sends an email alert to root@localhost.

Sophos Anti-Virus displays a command-line alert if viruses are detected. It reports the virus on the line which starts with >>> followed by either Virus or Virus Fragment:

```
SAVScan virus detection utility
Version 4.69.0 [UNIX/Intel]
Virus data version 4.69
Includes detection for 2871136 viruses, Trojans and worms
Copyright (c) 1989-2012 Sophos Limited. All rights reserved.

System time 13:43:32, System date 11 June 2012
IDE directory is: /opt/sophos-av/lib/sav
Using IDE file nyrate-d.ide
Using IDE file injec-lz.ide
Quick Scanning
>>> Virus 'EICAR-AV-Test' found in file /usr/mydirectory/eicar.src
33 files scanned in 2 seconds.
1 virus was discovered.
1 file out of 33 was infected.
Please send infected samples to Sophos for analysis.
For advice consult www.sophos.com or email support@sophos.com
End of Scan.
```

For information about cleaning up viruses, see the Sophos Anti-Virus for UNIX configuration guide.

8 Uninstall Sophos Anti-Virus

- To uninstall Sophos Anti-Virus, go to each UNIX computer and run the uninstall script:
  `/opt/sophos-av/uninstall.sh`

  If the `savd` daemon is running, the script prompts you to stop it.

The uninstall script deletes:

- All entries from the system startup that are associated with Sophos Anti-Virus.
9 Technical support

You can find technical support for Sophos products in any of these ways:

- Visit the SophosTalk community at community.sophos.com/ and search for other users who are experiencing the same problem.
- Open a ticket with our support team at https://secure2.sophos.com/support/contact-support/support-query.aspx.

10 Legal notices

Copyright © 2014 Sophos Limited. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise unless you are either a valid licensee where the documentation can be reproduced in accordance with the license terms or you otherwise have the prior permission in writing of the copyright owner.

Sophos, Sophos Anti-Virus and SafeGuard are registered trademarks of Sophos Limited, Sophos Group and Utimaco Safeware AG, as applicable. All other product and company names mentioned are trademarks or registered trademarks of their respective owners.

ACE™, TAO™, CIAO™, DAnCE™, and CoSMIC™

ACE™, TAO™, CIAO™, DAnCE™, and CoSMIC™ (henceforth referred to as “DOC software”) are copyrighted by Douglas C. Schmidt and his research group at Washington University, University of California, Irvine, and Vanderbilt University, Copyright (c) 1993-2014, all rights reserved. Since DOC software is open-source, freely available software, you are free to use, modify, copy, and distribute—perpetually and irrevocably—the DOC software source code and object code produced from the source, as well as copy and distribute modified versions of this software. You must, however, include this copyright statement along with any code built using DOC software that you release. No copyright statement needs to be provided if you just ship binary executables of your software products.

You can use DOC software in commercial and/or binary software releases and are under no obligation to redistribute any of your source code that is built using DOC software. Note, however, that you may not misappropriate the DOC software code, such as copyrighting it yourself or claiming authorship of the DOC software code, in a way that will prevent DOC software from being
distributed freely using an open-source development model. You needn't inform anyone that you're using DOC software in your software, though we encourage you to let us know so we can promote your project in the DOC software success stories.

The ACE, TAO, CIAO, DAnCE, and CoSMIC web sites are maintained by the DOC Group at the Institute for Software Integrated Systems (ISIS) and the Center for Distributed Object Computing of Washington University, St. Louis for the development of open-source software as part of the open-source software community. Submissions are provided by the submitter "as is" with no warranties whatsoever, including any warranty of merchantability, noninfringement of third party intellectual property, or fitness for any particular purpose. In no event shall the submitter be liable for any direct, indirect, special, exemplary, punitive, or consequential damages, including without limitation, lost profits, even if advised of the possibility of such damages. Likewise, DOC software is provided as is with no warranties of any kind, including the warranties of design, merchantability, and fitness for a particular purpose, noninfringement, or arising from a course of dealing, usage or trade practice. Washington University, UC Irvine, Vanderbilt University, their employees, and students shall have no liability with respect to the infringement of copyrights, trade secrets or any patents by DOC software or any part thereof. Moreover, in no event will Washington University, UC Irvine, or Vanderbilt University, their employees, or students be liable for any lost revenue or profits or other special, indirect and consequential damages.

DOC software is provided with no support and without any obligation on the part of Washington University, UC Irvine, Vanderbilt University, their employees, or students to assist in its use, correction, modification, or enhancement. A number of companies around the world provide commercial support for DOC software, however. DOC software is Y2K-compliant, as long as the underlying OS platform is Y2K-compliant. Likewise, DOC software is compliant with the new US daylight savings rule passed by Congress as "The Energy Policy Act of 2005," which established new daylight savings times (DST) rules for the United States that expand DST as of March 2007. Since DOC software obtains time/date and calendaring information from operating systems users will not be affected by the new DST rules as long as they upgrade their operating systems accordingly.

The names ACE™, TAO™, CIAO™, DAnCE™, CoSMIC™, Washington University, UC Irvine, and Vanderbilt University, may not be used to endorse or promote products or services derived from this source without express written permission from Washington University, UC Irvine, or Vanderbilt University. This license grants no permission to call products or services derived from this source ACE™, TAO™, CIAO™, DAnCE™, or CoSMIC™, nor does it grant permission for the name Washington University, UC Irvine, or Vanderbilt University to appear in their names.

If you have any suggestions, additions, comments, or questions, please let me know.

Douglas C. Schmidt

curl

Copyright (c) 1996 - 2014, Daniel Stenberg, <daniel@haxx.se>.
All rights reserved.

Permission to use, copy, modify, and 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", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY
RIGHTS. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

GNU General Public License

Some software programs are licensed (or sublicensed) to the user under the GNU General Public License (GPL) or similar Free Software licenses which, among other rights, permit the user to copy, modify, and redistribute certain programs, or portions thereof, and have access to the source code. The GPL requires for any software licensed under the GPL, which is distributed to a user in an executable binary format, that the source code also be made available to those users. For any such software which is distributed along with this Sophos product, the source code is available by submitting a request to Sophos via email to savlinuxgpl@sophos.com. A copy of the GPL terms can be found at www.gnu.org/copyleft/gpl.html.

OpenSSL Cryptography and SSL/TLS Toolkit

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL license

Copyright © 1998–2011 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:
   “This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)”
4. The names “OpenSSL Toolkit” and “OpenSSL Project” must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called “OpenSSL” nor may “OpenSSL” appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment:
   “This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/)”
THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT “AS IS” AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) 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.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

**Original SSLeay license**

Copyright © 1995–1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com). The implementation was written so as to conform with Netscape’s SSL.

This library is free for commercial and non-commercial use as long as the following conditions are adhered to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, Ihash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young’s, and as such any Copyright notices in the code are not to be removed. If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used. This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
   “This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)”
   The word “cryptographic” can be left out if the routines from the library being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:
   “This product includes software written by Tim Hudson (tjh@cryptsoft.com)”

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) 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.

The license and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution license [including the GNU Public License.]

Protocol Buffers

Copyright 2008, Google Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) 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.

pycrypto

Distribute and use freely; there are no restrictions on further dissemination and usage except those imposed by the laws of your country of residence. This software is provided “as is” without warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

– –amk (www.amk.ca)
Python

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

1. This LICENSE AGREEMENT is between the Python Software Foundation (“PSF”), and the Individual or Organization (“Licensee”) accessing and otherwise using this software (“Python”) in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, worldwide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF’s License Agreement and PSF’s notice of copyright, i.e., “Copyright © 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.

3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.

4. PSF is making Python available to Licensee on an “AS IS” basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

TinyXML XML parser

www.sourceforge.net/projects/tinyxml

Original code by Lee Thomason (www.grinninglizard.com)

This software is provided ‘as-is’, without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

zlib compression tools

© 1995–2002 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly jloup@gzip.org

Mark Adler madler@alumni.caltech.edu

If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes.