

SOPHOS

Security made simple.

Sophos Endpoint Security and Control

Einzelplatz-Startup-Anleitung

Produktversion: 10.3 und neuer
Stand: Oktober 2015



Inhalt

| | | |
|-----|--|----|
| 1 | Einleitung..... | 3 |
| 2 | Bevor Sie beginnen..... | 4 |
| 2.1 | Systemvoraussetzungen..... | 4 |
| 2.2 | Voraussetzungen..... | 4 |
| 3 | Installieren von Sophos Endpoint Security and Control..... | 5 |
| 3.1 | Bedeutung der Symbole im Infobereich..... | 6 |
| 4 | Konfigurieren der Firewall..... | 7 |
| 4.1 | Erlauben Sie Anwendungen unter Windows 7 oder früher..... | 7 |
| 4.2 | Erlauben Sie Anwendungen unter Windows 8 oder früher..... | 8 |
| 4.3 | Sperrern unbekannter Programme..... | 9 |
| 5 | Technischer Support..... | 10 |
| 6 | Rechtlicher Hinweis..... | 11 |

1 Einleitung

Dieses Handbuch beschreibt, wie Sie Sophos Endpoint Security and Control auf einem Einzelplatzrechner installieren und konfigurieren.

Das Handbuch richtet sich an diejenigen Personen, deren Rechner nicht mit dem Firmennetzwerk verbunden ist.

Wenn Sie Administrator sind und Sophos Endpoint Security and Control im Netzwerk installieren und konfigurieren wollen, lesen Sie stattdessen die Dokumentation für Sophos Management-Software. Wenn Sie Enterprise Console verwenden, lesen Sie die *Sophos Enterprise Console-Schnellstartanleitung* und die *Sophos Enterprise Console Richtlinienanleitung*. Diese Anleitungen stehen unter <http://www.sophos.com/de-de/support/documentation/enterprise-console.aspx> zum Download bereit. Information, wie Sie Heimarbeitsplätze aufsetzen finden Sie in <http://www.sophos.com/de-de/support/knowledgebase/63182.aspx>.

2 Bevor Sie beginnen

2.1 Systemvoraussetzungen

Die Systemanforderungen entnehmen Sie bitte der Sophos Website:
www.sophos.com/de-de/products/all-system-requirements.aspx.

Zum Herunterladen der Software von der Sophos Website ist eine Internetverbindung erforderlich.

2.2 Voraussetzungen

Für die Installation und Konfiguration sind folgende Informationen erforderlich:

- Internetadresse (URL) und Download-Daten für den Sophos Endpoint Security and Control Standalone Installer.
- Adresse der Update-Quelle, wenn Sie Ihre Updates nicht direkt von Sophos beziehen.
- Die zum Zugriff auf die Update-Quelle erforderlichen Zugangsdaten.
- Daten des Proxyservers, der ggf. die Update-Quelle abrufen (Adresse, Portnummer, Zugangsdaten).

3 Installieren von Sophos Endpoint Security and Control

Melden Sie sich zur Installation von Sophos Endpoint Security and Control als Administrator an.

Wenn Sie Sicherheitssoftware anderer Hersteller installiert haben, gehen Sie folgendermaßen vor:

- Die Benutzeroberfläche dieser Software darf nicht geöffnet sein.
 - Die Firewall und HIPS-Software anderer Hersteller muss deaktiviert sein oder das Sophos Installationsprogramm zulassen.
1. Laden Sie den Standalone Installer für Ihre Windows-Version von der Sophos Website herunter. Geben Sie bei entsprechender Aufforderung Ihre Zugangsdaten ein.
 2. Öffnen Sie den Ordner, in dem der Installer nach dem Download gespeichert wurde. Doppelklicken Sie auf den Installer.
 3. Klicken Sie auf der ersten Seite des **Sophos Endpoint Security and Control Installationsassistenten** auf **Weiter**.
 4. Klicken Sie auf der Seite **Lizenzvereinbarung** auf **Ich akzeptiere die Bedingungen der Lizenzvereinbarung**. Klicken Sie auf **Weiter**.
 5. Wählen Sie auf der Seite **Zielordner** ggf. den Ordner aus, in dem Sophos Endpoint Security and Control installiert werden soll. Klicken Sie auf **Weiter**.
 6. Geben Sie auf der Seite **Quelle aktualisieren** die Angaben zum Standort ein, von dem Sie Ihre Updates beziehen. Erledigen Sie dies am besten sofort.
 - a) Wählen Sie im Feld **Adresse Sophos** aus. Wenn Sie über eine andere Adresse für die Update-Quelle verfügen, geben Sie diese ein.
 - b) Geben Sie in die Felder **Benutzername** und **Kennwort** die für die Anmeldung an der Update-Quelle erforderlichen Zugangsdaten ein.
 - c) Wenn Sie über einen Proxyserver auf das Netzwerk oder Internet zugreifen, aktivieren Sie das Kontrollkästchen **Auf die Update-Quelle über Proxy zugreifen** und klicken Sie auf **Weiter**. Machen Sie die erforderlichen Angaben zum Proxyserver.

Hinweis: Wenn Sie die Angaben zur Update-Quelle später vervollständigen möchten, aktivieren Sie das Kontrollkästchen **Ich gebe diese Zugangsdaten später ein**. Öffnen Sie nach der Installation Sophos Endpoint Security and Control und wählen Sie die Option **Updates konfigurieren** aus.

Standardmäßig führt Sophos Endpoint Security and Control alle 60 Minuten ein Update durch, sofern die Update-Quelle angegeben wurde und eine Netzwerkverbindung vorhanden ist.

7. Wenn Sie die Firewall installieren möchten, wählen Sie auf der Seite **Wählen Sie weitere Komponenten aus, die Sie installieren möchten** die Option **Sophos Client Firewall installieren** aus und klicken Sie auf **Weiter**.
8. Aktivieren Sie bei Bedarf auf der Seite **Software von Fremdherstellern entfernen** die **gleichnamige Option** und klicken Sie auf **Weiter**.

9. Klicken Sie auf der Seite **Sophos Endpoint Security and Control kann jetzt installiert werden** auf **Weiter**.

Die Software wird nun installiert.

Wichtig: Update-Tools für Fremdsoftware werden hierbei mitunter nicht automatisch entfernt. Sie können diese Tools über die Systemsteuerung entfernen.

10. Geben Sie auf der letzten Seite des Installationsassistenten an, ob ein Neustart durchgeführt werden soll und klicken Sie auf **Fertigstellen**.

Ein Neustart ist erforderlich:

- zum Aktivieren der Firewall
- zur vollständigen Entfernung von Fremdsoftware

Die Installation von Sophos Endpoint Security and Control ist abgeschlossen, wenn das Symbol von Sophos Endpoint Security and Control im Infobereich, ganz rechts in der Taskleiste von Windows angezeigt wird.



3.1 Bedeutung der Symbole im Infobereich

Das Symbol von Sophos Endpoint Security and Control im Infobereich, ganz rechts in der Taskleiste ändert sich, wenn Alerts ausstehen oder ein Problem beim Schutz vor Bedrohungen aufgetreten ist. Die folgende Tabelle bietet eine Übersicht über die Symbole und mögliche Gründe für die Anzeige.

| Symbol | Grund |
|--------|---|
| | <ul style="list-style-type: none"> ▪ Auf dem Computer werden keine On-Access-Scans durchgeführt. ▪ Eine Firewall-Meldung wird angezeigt. ▪ Eine Controlled Application wurde erkannt. ▪ Ein angeschlossenes Gerät hat eine Device Control-Meldung hervorgerufen. ▪ Eine Meldung zur „Data Control“ wird angezeigt. ▪ Eine Website wurde gesperrt. |
| | <ul style="list-style-type: none"> ▪ Sophos Endpoint Security and Control konnte kein Update durchführen. ▪ Ein Sophos Dienst ist fehlerhaft. |

Zudem wird eine Meldung zu dem entsprechenden Symbol mit Erklärungen angezeigt.

Wenn beispielsweise On-Access-Scans nicht aktiviert sind, wird die Meldung **On-Access-Scans deaktiviert** angezeigt.

4 Konfigurieren der Firewall

Sie müssen die Firewall konfigurieren um:

- Programmen, die Sie benutzen und anderen essentiellen Anwendungen wie z.B. Windows-Update, den Netzwerk- oder Internet-Zugang zu erlauben.
- Sperren unbekannter Programme.

Je nachdem, welche Windows-Version Sie verwenden, gibt es unterschiedliche Wege, Programme zu erlauben. In Windows 7 und früher können Sie den interaktiven Modus wählen. In Windows 8 oder früher ist der interaktive Modus nicht verfügbar so dass Sie andere Methoden anwenden müssen.

4.1 Erlauben Sie Anwendungen unter Windows 7 oder früher

4.1.1 Verarbeiten von Firewall-Meldungen

Die Sophos Client Firewall für Windows 7 und älter ist standardmäßig im Modus "interaktiv", d.h. sie zeigt jedes Mal dann eine Nachricht an, wenn eine unbekannte Anwendung oder ein Dienst Netzwerkzugang anfordert. In der Nachricht werden Sie gefragt, ob Datenfluss einmal zugelassen oder gesperrt werden soll oder ob eine Regel dafür erstellt werden soll.

Um starten zu können, blockieren Sie nach dem Erscheinen der Nachricht ein Mal unbekanntem Datenfluss für genau diesen Fall. Wenn die Firewall zum Beispiel eine Meldung über einen versteckten Prozess anzeigt, klicken Sie auf **Diesen Prozess dieses Mal sperren** und dann auf **OK**.

Wenn Sie den Prozess nicht nur einmalig sperren können, konnte die Anwendung/der Prozess, die den Datenfluss auslöst, wahrscheinlich nicht ermittelt werden. Lassen Sie in diesem Fall die Anwendung/den Prozess zu oder sperren Sie sie/ihn. Diese Einstellung können Sie zu einem späteren Zeitpunkt durch Bearbeiten der Firewall-Konfiguration wieder ändern. Weitere Informationen finden Sie in der Sophos Endpoint Security and Control Hilfe.

Einige Prozesse sollten Sie nicht sperren. Wenn Sie beispielsweise eine Nachricht zu Ihrem Browser, zu Ihrem E-Mail-Programm oder zu anderen Anwendungen mit Intranet/Internet-Zugang sehen, dann sollten Sie die Option zum Hinzufügen einer Prüfsumme oder zum Erstellen einer Regel wählen.

4.1.2 Einrichten des Netzwerk- oder Internetzugangs für Programme

Sie müssen in der Firewall erlauben, dass Programme, die Sie verwenden und andere essentielle Anwendungen wie z.B. Windows-Update, Netzwerk- oder Internet-Zugang haben.

1. Öffnen Sie das Programm, das auf das Netzwerk oder Internet zugreifen soll (z.B. ein Browser oder E-Mail-Programm).
2. Die Firewall meldet, dass eine neue oder modifizierte Anwendung Netzwerkzugriff angefordert hat. Klicken Sie auf **Prüfsumme zu vorhandenen Prüfsummen für diese Anwendung hinzufügen** und dann auf **OK**.

3. Nun meldet die Firewall eine weitere Anwendung (z.B. Ihr Browser oder Ihr E-Mail-Programm), die Netzwerkzugriff angefordert hat. Klicken Sie auf **Regel für diese Anwendung mit Preset erstellen**. Achten Sie dabei darauf, dass Sie die richtigen Einstellungen für das Programm (z.B. ein **Browser** oder **E-Mail-Client**) im Feld auswählen und klicken Sie auf **OK**.

Um FTP-Download zu aktivieren, schauen Sie bitte in die Hilfe zu Sophos Endpoint Security and Control.

Sie können die Firewall-Konfiguration auch dahingehend ändern, dass Programmen der Netzwerk- oder Internetzugang in allen Modi gewährt wird. Weitere Informationen finden Sie in der Sophos Endpoint Security and Control-Hilfe.

4.2 Erlauben Sie Anwendungen unter Windows 8 oder früher

Verwenden Sie eine der folgenden Möglichkeiten, um in einer Sophos Client Firewall für Windows 8 oder früher, die nicht über einen interaktiven Modus verfügt, Anwendungen einen Zugang zum Netzwerk oder zum Internet zu erlauben:

- Programme nacheinander erlauben.
- Eine Firewall-Konfiguration von einem anderen Rechner importieren.

4.2.1 Programme nacheinander erlauben

Sie können nacheinander Programme zu Sophos Endpoint Security and Control wie folgt hinzufügen.

1. Klicken Sie auf der **Startseite** unter **Firewall** auf **Firewall konfigurieren**.
2. Klicken Sie im Bereich **Konfigurationen** neben dem zu konfigurierenden Standort auf **Konfigurieren**.
3. Klicken Sie auf die Registerkarte **Anwendungen**.
4. Klicken Sie auf **Hinzufügen**, suchen Sie die gewünschte Anwendung und wählen Sie sie durch einen Doppelklick aus.

Die Anwendung wird daraufhin als „vertrauenswürdig“ zugelassen. Über Anwendungsregeln können Sie Bedingungen für die Ausführung der Anwendung festlegen und somit die Sicherheit erhöhen. Weitere Informationen zu Programmregeln finden Sie in der *Sophos Endpoint Security and Control* Hilfe.

4.2.2 Eine Firewall-Konfiguration von einem anderen Rechner importieren

Wenn Sie auf mehreren Computern mit Windows 8 oder höher dasselbe Programm-Set laufen lassen und Sie wollen, dass dieselben Firewall-Regeln angewendet werden, dann können Sie die Firewall auf einem der Rechner aufsetzen (wie in Programme nacheinander erlauben beschrieben) und die Firewall-Konfiguration zur Verwendung auf den anderen Rechnern exportieren.

Hinweis: Wenn Sie in Ihrem Unternehmen Sophos Enterprise Console auf Einzelplatzrechnern einsetzen, so kann der Konsole-Administrator eine zentral-konfigurierte Firewall-Policy zur Verwendung auf Einzelplatzrechnern exportieren. Bitte beachten Sie, dass einige der Optionen in einer zentral-konfigurierten Firewall-Richtlinie möglicherweise nicht auf Computern mit Windows 8 oder höher funktionieren.

Um eine Firewall-Konfiguration von einem anderen Rechner zu importieren, gehen Sie wie folgt vor:

1. Nachdem Sie die Firewall auf einem Rechner mit Windows 8 oder höher eingerichtet haben, exportieren Sie die Konfigurationsdatei. Klicken Sie in Sophos Endpoint Security and Control auf der **Startseite** unter **Firewall** auf **Firewall konfigurieren**. Im Dialogfenster **Firewall-Konfiguration** klicken Sie auf **Exportieren**. Geben Sie der Konfigurationsdatei einen Namen, wählen Sie den gewünschten Speicherort aus und klicken Sie auf **Speichern**.
2. Gehen Sie zu einem anderen Rechner, auf dem Sie diese Konfiguration verwenden möchten. Klicken Sie in Sophos Endpoint Security and Control auf der **Startseite** unter **Firewall** auf **Firewall konfigurieren**. Im Dialogfenster **Firewall-Konfiguration** klicken Sie auf **Importieren**. Wählen Sie die gewünschte Konfigurationsdatei und klicken Sie auf **Öffnen**. Bestätigen Sie die Voreinstellungen, sofern Sie diese nicht verändern müssen, und klicken Sie **OK**.
3. Überprüfen Sie die Firewall-Konfiguration und bearbeiten Sie die Regeln sofern notwendig.

Weitere Informationen zum Exportieren und Importieren einer Firewall-Konfiguration entnehmen Sie bitte der *Hilfe zu Sophos Endpoint Security and Control*.

4.3 Sperren unbekannter Programme

Versetzen Sie die Firewall nun in den automatischen Modus und aktivieren Sie das Sperren unbekannter Programme.

1. Rechtsklicken Sie im Infobereich, ganz rechts in der Taskleiste auf das Symbol von Sophos Endpoint Security and Control. Ein Menü wird angezeigt. Wählen Sie **Sophos Endpoint Security and Control öffnen**.
2. Klicken Sie im Fenster von **Sophos Endpoint Security and Control** im Bereich **Firewall** auf **Firewall konfigurieren**.
Das Konfigurationsfenster der **Firewall** wird angezeigt.
3. Klicken Sie auf der Registerkarte **Allgemein** unter **Konfiguration** auf **Konfigurieren**.
4. Wählen Sie im Dialogfeld zur Standortkonfiguration, im Bereich **Arbeitsmodus** die Option **Gesamten Datenfluss ohne passende Regel standardmäßig sperren** aus.

Die Firewall zeichnet unbekanntem Datenfluss auf, den sie in ihren Protokolldateien findet. Sie können auch Benachrichtigungen aktivieren (Sprechblasen-Nachrichten in Windows 7 oder älter oder Pop-upbenachrichtigung in Windows 8 oder höher), wenn die Firewall unerlaubten Datenverkehr erkennt. Weitere Informationen finden Sie in der Sophos Endpoint Security and Control Hilfe.

5 Technischer Support

Technischen Support zu Sophos Produkten können Sie wie folgt abrufen:

- Rufen Sie das SophosTalk-Forum unter community.sophos.com/ auf und suchen Sie nach Benutzern mit dem gleichen Problem.
- Durchsuchen Sie die Support-Knowledgebase unter www.sophos.com/de-de/support.aspx.
- Begleitmaterial zu den Produkten finden Sie hier:
www.sophos.com/de-de/support/documentation.aspx.
- Öffnen Sie ein Ticket bei unserem Support-Team unter
<https://secure2.sophos.com/de-de/support/contact-support/support-query.aspx>.

6 Rechtlicher Hinweis

Copyright © 2013–2015 Sophos Limited. Alle Rechte vorbehalten. Diese Publikation darf weder elektronisch oder mechanisch reproduziert, elektronisch gespeichert oder übertragen, noch fotokopiert oder aufgenommen werden, es sei denn, Sie verfügen entweder über eine gültige Lizenz, gemäß der die Dokumentation in Übereinstimmung mit dem Lizenzvertrag reproduziert werden darf, oder Sie verfügen über eine schriftliche Genehmigung des Urheberrechtsinhabers.

Sophos, Sophos Anti-Virus und SafeGuard sind eingetragene Warenzeichen der Sophos Limited, Sophos Group und Utimaco Safeware AG. Alle anderen erwähnten Produkt- und Unternehmensnamen sind Marken oder eingetragene Marken der jeweiligen Inhaber.

Apache

The Sophos software that is described in this document may include some software programs that are licensed (or sublicensed) to the user under the Apache License. A copy of the license agreement for any such included software can be found at <http://www.apache.org/licenses/LICENSE-2.0>

Boost C++ Libraries

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

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, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Common Public License

The Sophos software that is described in this document includes or may include some software programs that are licensed (or sublicensed) to the user under the Common Public License (CPL), which, among other rights, permits the user to have access to the source code. The CPL requires for any software licensed under the terms of the CPL, which is distributed in object code form, that the source code for such software also be made available to the users of the object code form. For any such software covered under the CPL, the source code is

available via mail order by submitting a request to Sophos; via email to support@sophos.de or via the web at <http://www.sophos.com/de-de/support/contact-support/contact-information.aspx>. A copy of the license agreement for any such included software can be found at <http://opensource.org/licenses/cpl1.0.php>

ConvertUTF

Copyright 2001–2004 Unicode, Inc.

This source code is provided as is by Unicode, Inc. No claims are made as to fitness for any particular purpose. No warranties of any kind are expressed or implied. The recipient agrees to determine applicability of information provided. If this file has been purchased on magnetic or optical media from Unicode, Inc., the sole remedy for any claim will be exchange of defective media within 90 days of receipt.

Unicode, Inc. hereby grants the right to freely use the information supplied in this file in the creation of products supporting the Unicode Standard, and to make copies of this file in any form for internal or external distribution as long as this notice remains attached.

crt

```
# $FreeBSD$  
# @(#)COPYRIGHT 8.2 (Berkeley) 3/21/94
```

The compilation of software known as FreeBSD is distributed under the following terms:

Copyright (c) 1992-2013 The FreeBSD 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.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR 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 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 4.BSD and 4.4BSD-Lite software is distributed under the following terms:

All of the documentation and software included in the 4.4BSD and 4.4BSD-Lite Releases is copyrighted by The Regents of the University of California.

Copyright 1979, 1980, 1983, 1986, 1988, 1989, 1991, 1992, 1993, 1994 The Regents of the University of California. 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 acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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 Institute of Electrical and Electronics Engineers and the American National Standards Committee X3, on Information Processing Systems have given us permission to reprint portions of their documentation.

In the following statement, the phrase "this text" refers to portions of the system documentation.

Portions of this text are reprinted and reproduced in electronic form in the second BSD Networking Software Release, from IEEE Std 1003.1-1988, IEEE Standard Portable Operating System Interface for Computer Environments (POSIX), copyright C 1988 by the Institute of Electrical and Electronics Engineers, Inc. In the event of any discrepancy between these versions and the original IEEE Standard, the original IEEE Standard is the referee document.

In the following statement, the phrase "This material" refers to portions of the system documentation. This material is reproduced with permission from American National Standards Committee X3, on Information Processing Systems. Computer and Business Equipment Manufacturers Association (CBEMA), 311 First St., NW, Suite 500, Washington, DC 20001-2178. The developmental work of Programming Language C was completed by the X3J11 Technical Committee.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of the Regents of the University of California.

HINWEIS: The copyright of UC Berkeley's Berkeley Software Distribution ("BSD") source has been updated. The copyright addendum may be found at <http://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License>. Change and is included below.

Donnerstag, 22. Juli 1999

To All Licensees, Distributors of Any Version of BSD:

As you know, certain of the Berkeley Software Distribution ("BSD") source code files require that further distributions of products containing all or portions of the software, acknowledge within their advertising materials that such products contain software developed by UC Berkeley and its contributors.

Specifically, the provision reads:

"3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors."

Effective immediately, licensees and distributors are no longer required to include the acknowledgement within advertising materials. Accordingly, the foregoing paragraph of those BSD Unix files containing it is hereby deleted in its entirety.

William Hoskins
Director, Office of Technology Licensing
University of California, Berkeley

dtoa.c

The author of this software is David M. Gay.

Copyright © 1991, 2000 by Lucent Technologies.

Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software and in all copies of the supporting documentation for such software.

THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, NEITHER THE AUTHOR NOR LUCENT MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

ICU

ICU version 1.8.1 or later

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1995–2008 International Business Machines Corporation and others

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

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 COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL 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.

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.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

IEEE Software Taggant Library

This software was developed by The Institute of Electrical and Electronics Engineers, Incorporated (IEEE), through the Industry Connections Security Group (ICSG) of its Standards Association. Portions of it include software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and those portions are governed by the OpenSSL Toolkit License.

IEEE License

Copyright (c) 2012 IEEE. Alle Rechte vorbehalten.

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 IEEE Industry Connections Security Group (ICSG)".

4. The name "IEEE" must not be used to endorse or promote products derived from this software without prior written permission from the IEEE Standards Association (stds.ipr@ieee.org).
5. Products derived from this software may not contain "IEEE" in their names without prior written permission from the IEEE Standards Association (stds.ipr@ieee.org).
6. Redistributions of any form whatsoever must retain the following acknowledgment:

"This product includes software developed by the IEEE Industry Connections Security Group (ICSG)".

THIS SOFTWARE IS PROVIDED "AS IS" AND "WITH ALL FAULTS." IEEE AND ITS CONTRIBUTORS EXPRESSLY DISCLAIM ALL WARRANTIES AND REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION: (A) THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE; (B) ANY WARRANTY OF NON-INFRINGEMENT; AND (C) ANY WARRANTY WITH RESPECT TO THE QUALITY, ACCURACY, EFFECTIVENESS, CURRENCY OR COMPLETENESS OF THE SOFTWARE.

IN NO EVENT SHALL IEEE 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 AND REGARDLESS OF WHETHER SUCH DAMAGE WAS FORESEEABLE.

THIS SOFTWARE USES STRONG CRYPTOGRAPHY, WHICH MAY BE SUBJECT TO LAWS AND REGULATIONS GOVERNING ITS USE, EXPORTATION OR IMPORTATION.

YOU ARE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LAWS AND REGULATIONS, INCLUDING, BUT NOT LIMITED TO, ANY THAT GOVERN YOUR USE, EXPORTATION OR IMPORTATION OF THIS SOFTWARE. IEEE AND ITS CONTRIBUTORS DISCLAIM ALL LIABILITY ARISING FROM YOUR USE OF THE SOFTWARE IN VIOLATION OF ANY APPLICABLE LAWS OR REGULATIONS.

Info-ZIP

Copyright © 1990–2007 Info-ZIP. All rights reserved.

For the purposes of this copyright and license, "Info-ZIP" is defined as the following set of individuals:

Mark Adler, John Bush, Karl Davis, Harald Denker, Jean-Michel Dubois, Jean-loup Gailly, Hunter Goatley, Ed Gordon, Ian Gorman, Chris Herborth, Dirk Haase, Greg Hartwig, Robert Heath, Jonathan Hudson, Paul Kienitz, David Kirschbaum, Johnny Lee, Onno van der Linden, Igor Mandrichenko, Steve P. Miller, Sergio Monesi, Keith Owens, George Petrov, Greg Roelofs, Kai Uwe Rommel, Steve Salisbury, Dave Smith, Steven M. Schweda, Christian Spieler, Cosmin Truta, Antoine Verheijen, Paul von Behren, Rich Wales, Mike White

This software is provided "as is," without warranty of any kind, express or implied. In no event shall Info-ZIP or its contributors be held liable for any direct, indirect, incidental, special or consequential damages arising out of the use of or inability to use 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. Redistributions of source code must retain the above copyright notice, definition, disclaimer, and this list of conditions.
2. Redistributions in binary form (compiled executables and libraries) must reproduce the above copyright notice, definition, disclaimer, and this list of conditions in documentation and/or other materials provided with the distribution. The sole exception to this condition is redistribution of a standard UnZipSFX binary (including SFXWiz) as part of a self-extracting archive; that is permitted without inclusion of this license, as long as the normal SFX banner has not been removed from the binary or disabled.
3. Altered versions—including, but not limited to, ports to new operating systems, existing ports with new graphical interfaces, versions with modified or added functionality, and dynamic, shared, or static library versions not from Info-ZIP—must be plainly marked as such and must not be misrepresented as being the original source or, if binaries, compiled from the original source. Such altered versions also must not be misrepresented as being Info-ZIP releases—including, but not limited to, labeling of the altered versions with the names "Info-ZIP" (or any variation thereof, including, but not limited to, different capitalizations), "Pocket UnZip," "WiZ" or "MacZip" without the explicit permission of Info-ZIP. Such altered versions are further prohibited from misrepresentative use of the Zip-Bugs or Info-ZIP e-mail addresses or the Info-ZIP URL(s), such as to imply Info-ZIP will provide support for the altered versions.
4. Info-ZIP retains the right to use the names "Info-ZIP," "Zip," "UnZip," "UnZipSFX," "WiZ," "Pocket UnZip," "Pocket Zip," and "MacZip" for its own source and binary releases.

Jansson

Copyright (c) 2009-2013 Petri Lehtinen <petri@digip.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

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. 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.

Lua

The Sophos software that is described in this document may include some software programs that are licensed (or sublicensed) to the user under the Lua License. A copy of the license agreement for any such included software can be found at <http://www.lua.org/copyright.html>

Microsoft Software

Dieses Sophos-Produkt kann bestimmte Microsoft-Software beinhalten die von Sophos lizenziert ist, um mit unseren Produkten verwendet zu werden.

Mersenne Twister (mt19937ar.c)

Copyright (c) 1997–2002 Makoto Matsumoto and Takuji Nishimura. 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. The names of its contributors may not 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.

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, lhash, 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 (libprotobuf)

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.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

pstdint

Copyright (c) 2005-2007 Paul Hsieh
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. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "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 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.

Simple ECMAScript Engine (SEE)

Copyright © 2003, 2004, 2005, 2006, 2007 David Leonard. 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. Neither the name of David Leonard 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.

SQLCipher

Copyright © 2008-2012 Zetetic LLC

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 the ZETETIC LLC 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 ZETETIC LLC "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 ZETETIC LLC 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.

strcasestr.c

Copyright © 1990, 1993 The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by Chris Torek.

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. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Udis86

Copyright (c) 2002-2009 Vivek Thampi
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.

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.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of the FreeBSD Project.

Unicode

UNICODE, INC. LICENSE AGREEMENT – DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>. Unicode Software includes any source code published in the Unicode Standard or under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991–2007 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE 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 COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL 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 THE DATA FILES OR 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 these Data Files or Software without prior written authorization of the copyright holder.

UnRAR

The source code of UnRAR utility is freeware. This means:

1. All copyrights to RAR and the utility UnRAR are exclusively owned by the author - Alexander Roshal.
2. The UnRAR sources may be used in any software to handle RAR archives without limitations free of charge, but 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.
3. The UnRAR utility may be freely distributed. It is allowed to distribute UnRAR inside of other software packages.
4. THE RAR ARCHIVER AND THE UnRAR UTILITY ARE DISTRIBUTED "AS IS". NO WARRANTY OF ANY KIND IS EXPRESSED OR IMPLIED. YOU USE AT YOUR OWN RISK. THE AUTHOR WILL NOT BE LIABLE FOR DATA LOSS, DAMAGES, LOSS OF PROFITS OR ANY OTHER KIND OF LOSS WHILE USING OR MISUSING THIS SOFTWARE.
5. Installing and using the UnRAR utility signifies acceptance of these terms and conditions of the license.
6. If you don't agree with terms of the license you must remove UnRAR files from your storage devices and cease to use the utility.

Thank you for your interest in RAR and UnRAR.

Alexander L. Roshal