

SOPHOS

Sophos SafeGuard Disk Encryption für Mac Schnellstartanleitung

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1 Bevor Sie beginnen

1.1 Systemvoraussetzungen

- **Hardware** (nur Intel-basierende 64-Bit CPU)
 - MacBook
 - MacBook Pro
 - MacBook Air
 - iMac
 - Mac mini
 - Mac Pro

- **EFI**
 - EFI32 (Firmware)
 - EFI64 (Firmware)

Mit dem folgenden Terminalbefehl lässt sich die EFI Firmware überprüfen:

```
"ioreg -l -p IODeviceTree | grep firmware-abi"
```

Es sollte der Wert "firmware-abi" = <"EFI64" >oder "firmware-abi" = <"EFI32" > geliefert werden.

- **Betriebssystem**
 - 10.7 (Lion) aktueller Patch Level, 32 oder 64 Bit Kernel

- **Aktualisierung von Sophos SafeGuard Disk Encryption for Mac**

Da Sophos SafeGuard Disk Encryption for Mac 5.55 die erste Version für Mac OS X 10.7 (Lion) ist, ist eine Aktualisierung von früheren Versionen nicht möglich.

- **Aktualisierung von Mac OS X auf Version 10.7 (Lion)**

Um eine Aktualisierung von Mac OS X 10.6 (Snow Leopard) auf 10.7 (Lion) durchzuführen, müssen Sie Sophos SafeGuard Disk Encryption for Mac 5.50.x zunächst deinstallieren. Dieser Schritt umfasst eine endgültige Entschlüsselung der verschlüsselten Partitionen.

Nach der erfolgreichen Aktualisierung auf Lion müssen Sie Sophos SafeGuard Disk Encryption 5.55x installieren und die Partitionen wieder verschlüsseln.

Hierzu ist keine Änderung der Exclude-Regeln für Ihre Time Machine Konfiguration notwendig.

1.2 Benötigte Informationen

Für Installation und Konfiguration benötigen Sie die folgenden Informationen:

- Administratoranmeldedaten für den Mac, auf dem Sie die Software installieren möchten.

2 Schützen von Mac OS X Computern

2.1 Installation von Sophos SafeGuard Disk Encryption for Mac

1. Gehen Sie mit der Web-Adresse und den Download-Anmeldedaten auf die Sophos Website und laden Sie den Sophos SafeGuard Disk Encryption Installer for Mac OS X herunter.
2. Suchen Sie im Download-Ordner nach dem Installer Disk Image. Öffnen Sie das Image. Suchen Sie Sophos SafeGuard.pkg und klicken Sie auf dem Paket doppelt, um den Installer zu starten.
3. Klicken Sie auf **Weiter**. Führen Sie die angegebenen Handlungsschritte aus.
4. Geben Sie die Mac OS X Administratoranmeldedaten ein, wenn Sie der Installer dazu auffordert. Dies ist notwendig, damit der Installer Änderungen vornehmen kann.
5. Wenn der Installer abgeschlossen ist, starten Sie Ihren Mac neu.
6. Nach dem Neustart ist Sophos SafeGuard Disk Encryption installiert.
7. Die Power-on Authentication ist noch nicht aktiviert. Sie zeigt jedoch das "Secured by SOPHOS"-Logo. Nach etwa einer Sekunde wird das Betriebssystem gestartet. Solange noch kein SafeGuard Benutzer vorhanden ist, zeigt die Software weiterhin das "Secured by SOPHOS"-Logo an. Wenn der erste Benutzer erstellt wird, wird die Power-on Authentication aktiviert.

Sophos SafeGuard Disk Encryption for Mac platziert ein Symbol auf die rechte Seite der Menüleiste. Durch Klicken auf dieses Symbol erhalten Sie Zugriff auf die Sophos SafeGuard Disk Encryption Benutzer- und Disk-Verwaltungsfunktionen.

2.1.1 Deinstallation von Sophos SafeGuard Disk Encryption for Mac

Um Sophos SafeGuard Disk Encryption zu deinstallieren, verwenden Sie das Uninstaller Package **Sophos SafeGuard Uninstaller.pkg** aus **/Library/Sophos SafeGuard**. Sie müssen zunächst die Festplatte entschlüsseln.

2.2 Konfigurieren von Sophos SafeGuard Disk Encryption

Nach der Installation der Software müssen Sie SafeGuard-Benutzer hinzufügen und angeben, welche Volumes auf Ihrem Mac verschlüsselt werden sollen.

2.2.1 Erstellen des ersten Sophos SafeGuard Disk Encryption Admin-Benutzers

Es muss immer ein Admin-Benutzer vorhanden sein. Als erster Benutzer muss ein Admin-Benutzer erstellt werden. Dies wird von der Benutzerverwaltung durchgesetzt und ist Voraussetzung für alle Administrationsaufgaben. Sind mehrere Admin-Benutzer vorhanden, so kann beim Löschen von Benutzern der letzte Admin-Benutzer nicht gelöscht werden.

1. Klicken Sie auf das Sophos SafeGuard Disk Encryption Symbol und wählen Sie **Benutzerverwaltung**.
2. Geben Sie einen Namen für den Admin-Benutzer ein.
3. Geben Sie das Kennwort in den Feldern **Kennwort** und **Kennwort bestätigen** ein. Sophos SafeGuard Disk Encryption akzeptiert nur Kennwörter mit acht oder mehr Zeichen. Um das eingegebene Kennwort anzuzeigen, wählen Sie die Option **Kennwort anzeigen**.
4. Klicken Sie auf **OK**.

Nun können Sie weitere Benutzer erstellen.

2.2.2 Verschlüsseln einer Partition

Mit Sophos SafeGuard Disk Encryption können Sie die Festplatte oder Partitionen auf Ihrem Mac verschlüsseln. Für alle Disk-Verwaltungsaufgaben (verschlüsseln/entschlüsseln/unterbrechen/fortsetzen) ist die Authentisierung als SafeGuard Admin-Benutzer erforderlich.

1. Klicken Sie auf das Sophos SafeGuard Disk Encryption Symbol und wählen Sie **Disk-Verwaltung**.
2. Geben Sie Ihre SafeGuard Admin Anmeldedaten ein und klicken Sie auf **OK**.
3. Wählen Sie im Verwaltungsbereich die Option **Partitionen**. Hier werden alle verfügbaren Partitionen angezeigt.
4. Klicken Sie neben der Partition, die Sie verschlüsseln möchten, auf **Verschlüsseln**.
5. Die Verschlüsselung der ausgewählten Partitionen wird sofort gestartet. Um die Geschwindigkeit des Verschlüsselungsvorgangs zu steigern, wählen Sie die Option **Fast Mode** in der unteren linken Ecke des Bereichs **Disk-Verwaltung**.

Sie können die Ver-/Entschlüsselung unterbrechen, indem Sie auf die **Unterbrechen** Schaltfläche rechts neben der Fortschrittsanzeige klicken. Um die Verschlüsselung fortzusetzen, klicken Sie auf die **Verschlüsselung fortsetzen** Schaltfläche. Diese wird angezeigt, wenn die Verschlüsselung unterbrochen wurde. Für beide Aktionen ist eine Authentisierung als SafeGuard Admin-Benutzer erforderlich.

Wenn Sie Ihren Mac neu starten, werden unterbrochene Ver-/Entschlüsselungsvorgänge automatisch fortgesetzt.

Eine detaillierte Beschreibung finden Sie im Sophos SafeGuard Disk Encryption Benutzerhilfe-Handbuch..

2.3 Time Machine Backups

Die folgenden Komponenten von Sophos SafeGuard Disk Encryption sollten von Time Machine Backups ausgenommen werden:

- `/.com.sophos`
- `/System/Library/Extensions/sgbiodrv.kext`
- `/usr/sbin/sgd`
- `/usr/bin/sgadmin`
- `/Library/Sophos SafeGuard`
- `/Library/LaunchDaemons/com.sophos.sgd.plist`
- `/Library/LaunchAgents/com.sophos.sguimenu.plist`
- `/Library/LaunchAgents/com.sophos.sgsynclang.plist`
- `/Applications/sgui.app`

3 Technischer Support

Technischen Support zu Sophos Produkten können Sie wie folgt abrufen:

- Rufen Sie das SophosTalk-Forum unter <http://community.sophos.com/> auf und suchen Sie nach Benutzern mit dem gleichen Problem.
- Durchsuchen Sie die Sophos Support-Knowledgebase unter <http://www.sophos.de/support/>.
- Laden Sie Dokumentation zu den Produkten unter <http://www.sophos.de/support/docs/> herunter.
- Senden Sie eine E-Mail an den technischen Support support@sophos.de und geben Sie die Versionsnummer(n), Betriebssystem(e) und Patch Level Ihrer Sophos Software sowie ggf. den genauen Wortlaut von Fehlermeldungen an.

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Gladman AES

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FreeType font driver for bdf files

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FreeType font driver for pcf fonts

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Zlib, Part of FreeType

zlib.h -- interface of the 'zlib' general purpose compression library version 1.1.4, March 11th, 2002

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <ftp://ds.internic.net/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](ftp://ds.internic.net/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](ftp://ds.internic.net/rfc/rfc1952.txt) (gzip format).

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