1 Is this the right guide?

Sophos Anti-Virus for Linux 10 is only available for 64-bit Linux. If you are using 32-bit Linux refer to Sophos Anti-Virus for Linux startup guide.

Installing Sophos Anti-Virus for Linux 10

You can install Sophos Anti-Virus for Linux 10, or upgrade an existing Sophos Anti-Virus installation, so that it is managed by Sophos Central.

For this type of installation, sign in to Sophos Central, go to the Protect Devices tab and follow the instructions for Linux there.

Note
If you don't have Sophos Central yet, you'll need to get an account.

Configuration

Configuration of Sophos Anti-Virus for Linux 10 is managed through Sophos Central.

Configure Sophos Anti-Virus for Linux 10 as follows:

• Configure on-access scanning, scheduled scans, alerting, logging, and updating centrally from Sophos Central. For information, see the Help in the Sophos Central.

Note
These features also include some parameters that can't be set centrally.

You can find details of all configuration options in the Sophos Anti-Virus for Linux configuration guide. The information described in this guide also applies to Sophos Anti-Virus for Linux 10.

• Configure on-demand scans from the CLI on each Linux computer locally.
2 About Sophos Anti-Virus for Linux 10

2.1 What Sophos Anti-Virus for Linux 10 does

Sophos Anti-Virus for Linux 10 detects and deals with viruses (including worms and Trojans) on your Linux computer. As well as being able to detect all Linux viruses, it can also detect all non-Linux viruses that might be stored on your Linux computer and transferred to non-Linux computers. It does this by scanning your computer.

2.2 How Sophos Anti-Virus for Linux 10 protects your computer

On-access scanning is your main form of protection against viruses. Whenever you open, save or copy a file, Sophos Anti-Virus for Linux 10 scans it and grants access to it only if it is safe.

Sophos Anti-Virus for Linux 10 also enables you to run an on-demand scan to provide additional protection. 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.
3 System requirements

For system requirements, go to the system requirements page of the Sophos website.

For details of any additional requirements, for example for language support, see the "Additional information" section in the release notes.

Related information
Sophos system requirements
4 On-access scanning

On-access scanning is your main form of protection against viruses. Whenever you open, save or copy a file, Sophos Anti-Virus for Linux scans it and grants access to it only if it is safe.

By default, on-access scanning is active. If you want, you can check that it is active and start it if necessary.

Note
To use the commands in this section, you must be logged on to the computer as root.

This document assumes that you have installed Sophos Anti-Virus in the default location, /opt/sophos-av. If you haven't, when you run a command, you must substitute the installation directory that you are using.

4.1 Start on-access scanning

To start on-access scanning, do one of the following:

- Type: /opt/sophos-av/bin/savdctl enable.
- Use the appropriate tool to start the installed service sav-protect. For example, type: /etc/init.d/sav-protect start or service sav-protect start.
5 Run an on-demand scan of the computer

We recommend that you scan the whole computer for viruses right after you install Sophos Anti-Virus. To do this, you run an on-demand scan.

Note
This is especially important if the computer is a server and you want to minimize the risk of spreading viruses to other computers.

• To run an on-demand scan of the computer, type: savscan /.
6 What happens if viruses are detected

Regardless of whether viruses are detected by on-access scanning or an on-demand scan, by default Sophos Anti-Virus for Linux 10:

- Logs the event in syslog and the Sophos Anti-Virus for Linux 10 log.
- Sends an email alert to root@localhost.

Sophos Anti-Virus for Linux 10 also displays alerts according to whether the viruses were detected by on-access scanning or an on-demand scan, as explained below.

On-access scanning

If on-access scanning detects a virus, Sophos Anti-Virus for Linux 10 denies access to the file and by default displays a desktop pop-up alert.

If the desktop pop-up alert cannot be displayed, a command-line alert is displayed instead.

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

On-demand scans

If an on-demand scan detects a virus, by default Sophos Anti-Virus for Linux 10 displays a command-line alert. 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 [Linux/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.
```
7 Uninstall Sophos Anti-Virus for Linux 10

To uninstall Sophos Anti-Virus for Linux 10, do as follows:

- Go to each Linux 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 for Linux 10.
- The Sophos Anti-Virus for Linux 10 man pages. The SAV man pages are added to the local `man` environment; the path is usually `/usr/local/man`. This path depends on your environment variables.
- The `savscan` on-demand scanner in `/usr/local/bin`.
- `/opt/sophos-av` and its contents.
8 Support

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

- Visit the Sophos 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.
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pycrypto

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—–amk (www.amk.ca)
TinyXML XML parser

www.sourceforge.net/projects/tinyxml

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

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zlib

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Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).