

# Sophos Anti-Virus

Sophos Anti-Virus for Unix is virus detection and disinfection software which can be installed on Unix file servers and workstations. It operates in scheduled and on-demand modes, checking local and remote file systems and networks for the presence of viruses. Its unique architecture intelligently determines which files need to be virus checked, maximising user transparency and minimising performance overhead.

## How it works

Sophos Anti-Virus for Unix offers on-demand scanning on Unix file servers, and ensures 100% virus detection. Scheduled scanning is possible using Sophos Anti-Virus and standard Unix facilities.

Where non-Unix machines are used, either connected to or separate from Unix servers, Sophos Anti-Virus allows workstations to benefit from on-access scanning, using Sophos's patented **InterCheck** technology. InterCheck uses a combination of virus scanning and checksumming to minimise the number of times each file needs to be virus checked, without compromising security.

## Features

- Detects and disinfects macro viruses, boot sector viruses and PE executable viruses.
- Easily detects polymorphic viruses using Sophos's advanced Virus Description Language (VDL) and a built-in code emulator.
- Allows third-party applications to integrate with the Sophos Anti-Virus detection engine via SAVI (Sophos Anti-Virus Interface).
- Scans inside encoded and archive files.
- Features an 'immediate mode' which allows checking on demand.
- Offers on-screen help as part of the CD on which the software is delivered.
- Includes 24x7x365 support as part of the licence.
- Is updated constantly.

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Command Prompt - telnet
1 file out of 15 was infected.
Please send infected samples to Sophos for analysis.
For advice consult www.sophos.com, email support@sophos.com
or telephone +44 1235 559933
End of Sweep.
michael@laurel:~/work $ sweep test
SWEEP virus detection utility
Version 3.51, November 2001 [Linux/Intel]
Includes detection for 68923 viruses, trojans and worms
Copyright (c) 1989,2001 Sophos Plc, www.sophos.com

System time 16:44:41, System date 01 November 2001

Quick Sweeping
>>> Virus 'EICAR-AU-Test' found in file test/eicar.src

15 files swept in 1 second.
1 virus was discovered.
1 file out of 15 was infected.
Please send infected samples to Sophos for analysis.
For advice consult www.sophos.com, email support@sophos.com
or telephone +44 1235 559933
End of Sweep.
michael@laurel:~/work $

```

*Sophos Anti-Virus for Unix finding a virus*



## Technical details

<b>Product name</b>	Sophos Anti-Virus for Unix.
<b>Function</b>	Scanning local and remote file systems for known viruses, and providing InterCheck scanning of individual non-Unix workstations.
<b>Mode of operation</b>	On-demand and scheduled scans: command line interface. (Scheduled scans are possible using Sophos Anti-Virus and standard Unix facilities.) InterCheck: available by using Sophos Anti-Virus for non-Unix workstations. SAVI: shared library.
<b>On-access scanning</b>	InterCheck technology provides on-access scanning for non-Unix workstations.
<b>Updates</b>	Continuous updates are available via the Sophos website for new viruses detected in the wild. In addition, full monthly updates are available for download. Sophos also sends full updates on CD to all customers at the beginning of each month.
<b>Virus alerts</b>	System administrators can be notified of virus alerts using Sophos Anti-Virus and standard Unix facilities.
<b>Specification of items to be checked</b>	Individual files, recursive searching of subdirectories, individual disk subdirectories. Boot sector scanning available for certain versions of Unix (Linux/Intel and FreeBSD).
<b>Specification of identities</b>	Between monthly updates, interim virus identities (.IDEs) for new in-the-wild viruses can be downloaded from <a href="http://www.sophos.com">www.sophos.com</a> and added into Sophos Anti-Virus at run-time; they can also be sent as faxed ASCII text.
<b>Platforms</b>	AIX/PowerPC Digital Unix/Alpha (Compaq Tru64 Unix/Alpha) FreeBSD/Intel HP-UX/HP-PA Linux/Alpha Linux/Intel SCO OpenServer/Intel SCO UnixWare/Intel Solaris/Intel Solaris/SPARC

**SOPHOS**  
ANTI-VIRUS

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Sophos Anti-Virus (SAV) has been certified by the ICSA under Windows 95, Windows NT (Alpha), Windows NT (Intel) and NetWare; however, all SAV software shares the same virus data, virus engine and monthly concordance tests.