avast! for Linux/Unix Servers is an antivirus solution for the more popular Linux and BSD environments. Considering its robust design and mail scanning support, it is primarily intended for Linux (or BSD) based servers; it can be used on desktop computers as a desktop solution, but pricing assumes server usage.

Owing to its flexible deamon architecture, avast! for Linux/Unix Servers can be used for both file system and network traffic scanning, such as real-time monitoring of mail (SMTP) and web (HTTP) data streams.

avast! for Linux/Unix features an antivirus suite, built from the avast! antivirus kernel, and designed to be used on UNIX-like operating systems. The suite consists of a command-line scanner and resident scanner.

Antivirus Kernel

The antivirus kernel of avast! for Linux is identical as the one for Windows systems. This means that all high-end features, typical of the AV kernel on Windows, are included in the Linux version too. The latest version of the avast! antivirus kernel features outstanding detection abilities, together with high performance. You can expect 100% detection of In-the-Wild viruses (viruses already spreading between users) and excellent detection of Trojan horses with minimal false positives.

The kernel is certified by ICSA Labs and frequently takes part in the tests of Virus Bulletin magazine, often yielding the VB100 award.

As in avast! for Windows, avast! for Linux features outstanding unpacking support too. It can scan inside almost the same number of archives as under Windows, with exception of MAPI, CAB, ACE, CHM, 7ZIP and NTFS streams. The following archives can be scanned: ARJ, ZIP, MIME (+ all associated formats), DBX (Outlook Express archives), RAR, TAR, GZIP, BZIP2, ZOO, ARC, LHA/LHX, TNEF (winmail.dat), CPIO, RPM, ISO, and SIS. It also supports a number of executable packers (such as PKLite, Diet, UPX, ASPack, FSG, MEW...).

Updates

Updates of the virus database are another key need in virus protection. avast! offer regular updates ensuring that your software and virus database are always offering the best protection possible.

Command Line Scanner

Experienced users appreciate the classic, on-demand scanner, controlled from command line. It allows scanning of files in specified directories and both local and remote volumes. Of course, the command line scanner also works on volumes mounted over network. The program is very flexible and accepts a lot of additional arguments and switches. It is also able to generate extensive report files that can be used for analysis. The scanner is, furthermore, able to run in STDIN/STDOUT mode so can be used as a pipe filter. This mode is intended to be used in shell scripts.

Background Scanner

To handle intensive usage, the antivirus daemon runs in background. The daemon serves to other applications on the system, and third-party applications can access the antivirus daemon via UNIX sockets. The daemon can be used in a specific directory under a specified user account. Conjointly, the client for accessing the antivirus daemon is integrated as part of installation package.

Third Sides Support Software

MTA + MDA:
• **avast4mail:** filter of electronic mail for Postfix, qmail, Sendmail, Exim, procmail a maildrop. Program scans email messages for viruses and moves, marks or gives notice about infected message.
• **avast4milter:** filter of mail for sendmail using milter interface. It permits to move, mark or give notice about infected message.
• **amavisd-new:** version of amavis daemon rewritten by Marek Martinec. avast! package avast4server includes patch and manual about integration of avast! For Linux/Unix server.

File system:
• **avasr4guard:** resident protection based on project Dazuko available for Linux and FreeBSD.
• **Samba-vscan:** offers resident protection Samba of shared sources (by Rainer Link). avast! package avast4server includes patch and manual about integration of avast! For Linux/Unix server.

Main Features

ANTIVIRUS KERNEL

- Almost 100% detection with outstanding performance
- ICSA certified

USER INTERFACE

- Command line scanner with a lot of additional arguments and switches
- Interactive or non-interactive mode
- Resident scanner running as daemon
- Individual settings for third-party applications
- Client for access daemon through UNIX sockets
- Testing of whole disks or just selected folders
- Defining and running of antivirus tests
- Actions with infected files
- Virus Encyclopedia
- Command-line scanner with STDIN/STDOUT mode

UPDATES

- Updates can be completely automatic
- Standard updates are released twice a week

OTHER

- Logging to syslog
- Works on all modern distributions
- Shell scripts for common tasks

Minimum System Requirements

LINUX PLATFORM

- GLIBC version 2.1 or highernd pthreads libraries
- 486 processor (Pentium or higher recommended)
- 32 MB RAM (64 MB recommended)

BSD PLATFORM

- FreeBSD 4.10 or higher (platform x86) with libc.so.4 a libc_r.so.4 or higher and pthreads libraries
- 486 processor (Pentium or higher recommended)
- 32 MB RAM (64 MB recommended)

ALWIL Software a.s., Průběžná 76, 100 00 Praha 10, Czech Republic
phone: (+420) 274 005 666, fax: (+420) 274 005 889
http://www.avast.com

alwil software