

ESET File Security for Linux/BSD/Solaris

Many organizations are making the switch to Linux operating systems to gain a flexible and cost-effective solution for storing vast amounts of data. Even though the number of computer threats endangering UNIX computers still cannot compare to that of Windows operating systems, it is becoming increasingly critical to implement a reliable antivirus protection. This is especially so, given that in mixed networks, unprotected Linux servers may become a host for a wide array of infiltrations targeting other platforms.

Designed for mixed heterogeneous networks, ESET File Security delivers comprehensive protection for your server's file storage area. ESET's solution for Linux/BSD/Solaris employs the award winning ThreatSense® scanning engine, which has become renowned for its excellence both in speed and detection capabilities. Optimized for the Unix environment, ThreatSense® shields your data against all types of malware ranging from worms, Trojans, adware and spyware to rootkits. The advanced heuristics it deploys is capable of proactively detecting malicious code by its behavior – before a patch becomes available – eliminating the threat during critical zero-day attacks. In addition to delivering industry-leading precision, the scan utilizes minimal system resources and the server's performance is barely affected by its operation. With ESET File Security, you can be assured of the best protection in its class.

KEY FEATURES

Proactive Protection	Advanced scanning techniques constantly analyze the behavior of suspicious files and eliminate new threats.
Nanoupdates	The size of update files has been minimized in order to streamline the update process.
Multi-platform Support	Linux, FreeBSD, NetBSD and Sun Solaris.
Improved Compatibility	Full compatibility with 64-bit operating systems.
Increased Stability	A single daemon serving all agents' requests contributes to the increased speed, efficiency and trouble-free operation of ESET File Security.
Enhanced Security	All executive agents (except esets_dac) run under non-privileged user account.

KEY USER BENEFITS

Cross-platform Protection	Your important data is kept safe on a platform less prone to malware attacks. ESET File Security eliminates threats as they try to smuggle themselves into a UNIX-based system.
Unique Technology	ESET File Security for Linux/BSD/Solaris brings the award-winning ThreatSense® technology embedded in the scanning core, delivering highly sophisticated proactive protection and improved cleaning. It deploys advanced heuristic algorithms for precise malware identification, without the unnecessary drag on the system resources.
Distribution-independent Solution	The ESET File Security installer comes in several versions to accommodate multiple operating systems. ESET provides installers for the most popular distributions as well as a general package, suitable for integration with less common systems not supported directly.
Time-tested Performance	Business clients can rely on the established track record of performance and reliability synonymous with ESET solutions as recognized by independent testing organizations, such as the VB100% and AV-Comparatives. ESET leads the industry in the overall number of VB100% awards, having received its first one in 1998. The prestigious AV Comparatives tests regularly rank ESET solutions in the highest, Advanced+ category for overall performance and detection capabilities, with low false positives.
Seamless Updating	The ThreatSense® scanning core as well as virus definitions are updated 'on-the-fly' providing virtually uninterrupted protection. Additionally, ESET File Security enables you to create a local update server for ESET's Windows-based solutions including ESET NOD32 Antivirus or ESET Smart Security. The unified update mechanism saves your company's bandwidth and simplifies the configuration process, as it runs automatically and needs neither additional configuration of cron jobs nor server restarts.

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Solution Capabilities

The architecture of ESET File Security is founded on the ESETS daemon. It is the core component that runs resident in the background, covering all basic tasks including scanning, logging, notifications and system maintenance. The specialized agent modules serve to integrate the ESETS daemon with the Linux/BSD/Solaris environment and provide on-demand and on-access scanning. The on-demand scanner module 'esets_scan' can be launched by a user with administrative rights, or simply by using a system scheduling tool (e.g. cron) and requires no extra configuration. Real time scanning can be implemented in two ways. The first option is to install the libesets_pac.so ESETS preload library to continuously control all files that are opened, closed or executed. The second way is to activate the esets_dac agent which can be run on systems supporting the open source Dazuko kernel module. Based on the scan results, access to controlled files can be either allowed or denied. Administrators can easily control ESET File Security from a web browser with the help of a user-friendly web interface. Custom parameters can be specified both for the global section defining the general scanning engine configuration and the behavior of the ESETS daemon, as well as for the agents section, allowing to define how various data flows are intercepted and submitted to scanning. In addition, ESET's solution for file servers enables selective configuration of users accessing protected data. Moreover, ESET File Security supports multiple platforms and all widely-used distributions and can run on single processor as well as on multi-processor machines.

Key User Benefits Continued

Easy Installation and Administration	The installation of ESET File Security does not require external libraries or programs except for LIBC. Configuration, administration and license management are offered through an intuitive and user-friendly Web Interface. The notification tool enables you to send alert messages to selected users in the event of a detected infiltration. For management in large computer networks, the system supports ESET Remote Administrator.
Customizable Options	The User Specific Configuration mechanism allows for a high degree of customization by specifying antivirus scanner options based on the user accessing the file system. Multiple logging levels can be configured to capture information about system activity and infiltrations. Pre-defined actions allow the administrator to define a set of actions for objects to be executed based on the results of anti-virus testing.
24 x 7 Live Telephone Support	For business customers, ESET provides Premium Service contracts. In addition to our standard support offerings, you will receive 24 x 7 Live Telephone support with dedicated support engineers and guaranteed response times to assist you with any inquiries to fine-tune the system to achieve optimal network security.
Optimization/Training Services	Clients can take advantage of supplemental service to assure seamless implementation of ESET solutions specific to their network environment. The service includes an audit of the client's network architecture by our trained professionals and elaboration of proposals for optimal implementation of ESET solutions. Additionally, network administrator(s) will receive a specialized on-the-premises training highlighting the solution's capabilities and configuration options to achieve the highest possible level of performance.

SYSTEM REQUIREMENTS

Memory	32 MB
Disk Space	32 MB for installation plus additional disk space for temporary files
Processor Architecture	i386 (Intel® 80386), amd64 (x86_64)
Operating Systems	Linux: Kernel version 2.2.x, 2.4.x or 2.6.x; glibc 2.2.5 or higher; Dazuko kernel module 2.0.0 or higher (optional) FreeBSD: Version 5.x, 6.x or 7.x; Dazuko kernel module 2.0.0 or higher (optional) Sun Solaris: Version 10 NetBSD: Version 4