

bitdefender® ANTIVIRUS SCANNER FOR UNICES

LINUX IS NO LONGER IMMUNE TO SECURITY THREATS

Linux operating systems have been considered less vulnerable than Windows systems for many years – but the myth that they are “immune” to virus attack is completely false. The Linux platform’s early survivability was primarily due to the lack of root access required for malware to infiltrate the system, the Linux community’s ability to quickly patch vulnerabilities, and the low adoption rate of Linux in the corporate network. This made Linux a lower priority target for the writers of malware. However, that priority is changing quickly as the Linux platform’s popularity catches on in the Enterprise.

In many organizations UNIX-based workstations are becoming popular as a cost effective computing resource. Common services such as email and Web-based services are easily accessible for those UNIX-based workstation users as their Windows-based counterparts. As UNIX-based endpoints become easier to use for workforce employees - with the addition of GUI’s and Windows compatible applications - their adoption within small to medium businesses network is virtually assured. When unprotected, they will provide “just as easy as Windows” access for malware to spread within the company’s network via shared files, cross-platform viruses, worms or email attachments.

SECURING YOUR UNIX-BASED ENDPOINTS WITH BITDEFENDER

The answer to data loss and lost productivity from malware is proactive protection. Organizations can effectively protect their UNIX-based endpoints from malware attacks by using BitDefender’s ability to detect and prevent known and zero-day threats, support overall organization’s security policies and manage them effectively with fewer IT resources.

BITDEFENDER ANTIVIRUS SCANNER FOR UNICES

BitDefender Antivirus Scanner for Unices is a versatile on-demand scanner for Linux and FreeBSD systems. The stand-alone scanner protects both UNIX-based and Windows-based disk partitions by scanning for viruses and spyware. Easy to use graphical user interface complements a powerful command line interface that fully supports operating system’s scripting tools. The scanner works stand-alone without needing any Centralized Management or local Update Servers.

DESKTOP INTEGRATION

BitDefender Antivirus Scanner for Unices has a graphical user interface to access the scanning features directly from the application menu lists, or for more advanced users via a command line interface. Script and application extensions allow your favorite file manager, email or news client to seamlessly integrate with the BitDefender scan engine. In many cases this is as simple as a mouse click, key-shortcut or menu selection. Example integrations are provided for file manager’s – such as KDE’s Konqueror, GNOME’s Nautilus, Xfce’s Thunar and GNU Midnight Commander.



KEY FEATURES AND BENEFITS

- Award winning virus detection, cleaning and quarantine of viruses, spyware/adware, Trojans and rootkits
- Easy to use graphical user interface complements a powerful command line interface
- Desktop integration with menu of selected file managers
- Script and extension-based integration with various applications and services
- Mailbox scanning includes email attachment and supports selected email client extensions
- Scanner supports for more than 80 packed archive files formats
- Quarantine’s infected or suspected files for to minimize infections and later safe analysis
- Compatible with all major UNIX-based platforms with rpm, deb and generic .tar. run packages.

BITDEFENDER TECHNOLOGIES

b-have All BitDefender solutions include B-HAVE, a patent-pending technology which analyzes the behavior of potentially malicious codes inside a virtual computer, eliminating false positives and significantly increasing detection rates for new and unknown malware.

DEFENSE IN DEPTH

BitDefender Antivirus Scanner for Unices is just one element in a comprehensive suite of solutions providing end-to-end network protection from the gateway to the desktop. BitDefender's proactive, multi-platform products detect and stop viruses, spyware, adware and Trojan threats that can compromise your network integrity.

SYSTEM REQUIREMENTS

To ensure compatibility with all major UNIX-based platforms the BitDefender's UNIX-based solutions are delivered as rpm, deb and generic .tar.run packages.

Operating System: Linux, FreeBSD, Linux Kernel: 2.4.x or 2.6.x (recommended), FreeBSD: 5.4 (or newer with compat5x)

glibc: version 2.3.1 or newer, and libstdc++5 from gcc 3.2.2 or newer

Processor:

- x86 compatible 300 MHz;
- i686 500MHz;
- amd64(x86_64)

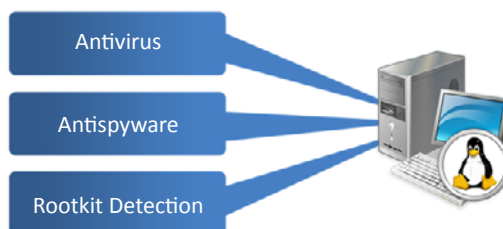
Minimum Memory: 128MB

Minimum Free Disk Space: 100MB

Supported Distributions:

- RedHat Enterprise Linux 3 or newer
- SuSE Linux Enterprise Server 9 or newer
- Fedora Core 1 or newer
- Debian GNU/Linux 3.1 or newer
- Slackware 9.x or newer
- Mandrake/Mandriva 9.1 or newer
- FreeBSD 5.4 or newer

Proactive Protection



BitDefender Antivirus Scanner for Unices offers endpoint protection for UNIX-based workstations

PROACTIVE SECURITY FOR ENDPOINTS

BitDefender's award-winning scan engines have been recognized by leading certification bodies, - including ICSA Labs, Virus Bulletin, and West Coast Labs - for their unmatched proactive antimalware protection. BitDefender provides multiple levels of advanced protection. BitDefender Antivirus Scanner for Unices Includes:

Antivirus – In addition to signature based detection, BitDefender provides heuristic detection that emulates a virtual computer-within-a-computer, checking all files and code for malicious behavior. This technique produces fewer false positives and significantly higher detection rates for zero-day and unknown threats.

Antispyware Using a multi-layer approach, BitDefender Antivirus Scanner for Unices detects known spyware and adware to prevent outbound data leakage.

Trojans and Root Kits are designed to allow remote access to a computer system. Once a Trojan or Root Kit has been installed, it is possible for an attacker to access the system remotely and often leads to data theft. Detecting and preventing these types of threats manually can be time consuming and often lead to a complete system reinstall if improperly removed.

BitDefender's antivirus scanner does not only rely on lists of known threat signatures, but provides heuristic detection that emulates a virtual computer-within-a-computer, checking all files and code for malicious behavior. This technique produces fewer false positives and significantly higher detection rates for zero-day and unknown threats.

SCANNING ARCHIVES

BitDefender Antivirus Scanner for Unices can unpack and scan inside archives. Scanning progress of each archived file is fully visible with individual file scanning statuses. There is a limit of archive recursion depth, to prevent the occurrence of exploits such as zip-bombs and administrators should be suspicious of any file archived recursively too many times. BitDefender features built-in support for more than 80 packed files formats, including RAR, ZIP, ARJ, LZH, LHA, ACE, GZIP, TARGZ, JAR, UUE, MIME or CAB archives, no matter how they were created (self-extractable, multivolume, etc).

MAILBOX SCANNING

BitDefender Antivirus Scanner for Unices can be used for scanning specific emails or the entire mailbox. The mailbox scanning identifies emails containing attachments and executes scanning for each email attachment. Script and extensions supports also integration with mail clients (e.g. Pine, Evolution) and Mail Server services.

QUARANTINE AND VIRUS SUBMISSIONS

To minimize risk of further infection and to allow safe analysis, BitDefender Antivirus Scanner for Unices can quarantine infected files into a protected directory. In addition to infected files, suspect files may also be moved to the quarantine area as they are identified by heuristic analysis as having known characteristics of malicious code but do not match a known virus signature. Both infected and suspect files can be analyzed internally or submitted to BitDefender Antivirus Lab at for further investigation.

SCHEDULED UPDATES WITH SYSTEM TOOLS

BitDefender Antivirus Scanner for Unices can be configured to automatically update product or new virus definitions via the internet. If the automatic updates are not configured, manual updates can be initiated anytime from graphical or command line user interfaces.