

Antivirus Solution for Samba File Server

samba-vscan: On-access Virus Protection with McAfee Scanning Engine

System Requirements

samba-vscan can be deployed with any Samba 2.2.x/3.0 with VFS (virtual file system) support compiled-in.

- Pentium III / 512MB RAM
- any working Linux distribution with kernel version 2.2 or up
- Samba 2.2.x / 3.0 with VFS support (--with-vfs)

Samba is the open source software suite that provides seamless file and print services to Microsoft® Windows clients. samba-vscan is a virtual file system (VFS) module for Samba which provides on-access virus protection against any software virus using the virus scanning engine from NAI McAfee.

The Linux operating system is a secure environment, relatively unaffected by computer viruses. The DOS® and Windows® environment, however, is different. A Linux server might still harbor Windows system viruses and, while not itself affected, can pass them on to numerous Windows-based clients. Rather than trying to block viruses at each Windows-based computer connected to a UNIX system, samba-uvscan an efficient centralized solution. In order to protect yourself and your users, it is more important than ever to maintain anti-virus security.

- On-access Virus Protection

Whenever users trying to read or write files on the file server, samba-vscan activates the virus scanner. Completely safeguard the entire server and other clients from virus infection via the shared file storage.

- Deny Access to Infected Files

Depends on the configurable "infected file action" setting, samba-vscan sends out notification messages and deny access to any infected file.

- Minimize Delay and Speed Penalty

samba-vscan checks modification time and creation file of files. It would remember the scanning result of particular files to prevent duplicating checks on the same file repeatedly.

- Complete Logging

Support standard Syslog facility to keep scanning records with Samba client information. Administrators may trace back virus infection record of their clients.

- Reliable and Responsive Virus Scanning Engine

McAfee anti-virus researchers provide fast, responsive coverage for new viruses and other malicious software. New-generation VirusScan scanning technology can detect and remove more than 50,000 known boot, file, macro, stealth, encrypted, and polymorphic viruses.