

White Paper eScan for Linux Workstation

eScan for Linux Workstation (eScan) is a reliable on-demand virus scanning software for servers running on Linux.. It offers a complete and secure anti-virus security solution that detects and removes over 91,000 viruses, Trojans and other threats. This white paper explains the key features of eScan and demonstrates how it detects and removes viruses.

Is an Anti-Virus solution needed for Linux

With the increased penetration of Linux as an alternate operating system for desktops, attacks on Linux based machines has increased. About 90% of the viruses today enter the organizations via Internet and through emails. The only solution is to provide content security or, in a broader sense, on demand software application that can be launched as and when required. eScan for Linux servers answers all the needs.

There is a false feeling of security that Viruses do not infect Linux systems. To a certain extent this is true since in the architecture of Linux systems, the 'Root' or administrator owns the Programs and other users in a Linux network use the non-privilege account.

But many Linux users Open Office for word processing and import documents created in MS Word. In some cases Linux machines directly connect to Windows machine and exchange files. Script and macro viruses can be present in the documents and while they may not harm Linux machines, they can find a safe haven and remain hidden there. When Linux users transfer or mail such documents to Windows based machines, the viruses are launched.

Features of eScan for Linux servers

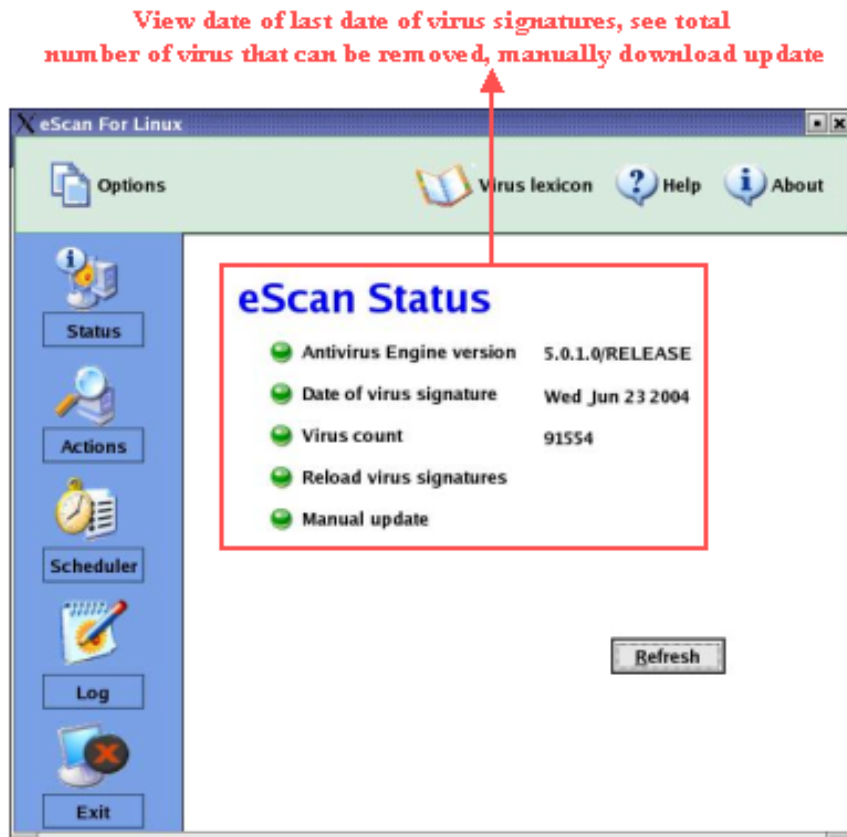
Key features of eScan for Linux Workstation are:

- eScan works as an on-demand software application that can be called when you need it.
- It has a sophisticated heuristic scan engine that can currently recognize and remove over 91, 500 viruses
- When viruses are detected you can run preset actions like disinfect, delete the infected file, rename it, prompt for users action, etc.
- eScan reads inside the data stream of a file to detect hidden viruses
- The application can scan virtually all types of files including zipped and archived files
- eScan has the facility of automatically downloading updates as per a schedule you can set

Screenshots of key features and their brief explanation are given in the next sections:

Anti-Virus Status

eScan for Linux has a menu that gives important information such as the date of virus signatures were downloaded the eScan anti-virus engine version and the total number of virus that can be removed.



Virus Scanning Features

SCANNING FILES AND DIRECTORIES

eScan allows you to select different objects in your system and scan them for viruses. You can select and scan any directory or file, your whole computer, directories in your system and also running process for memory resident viruses.

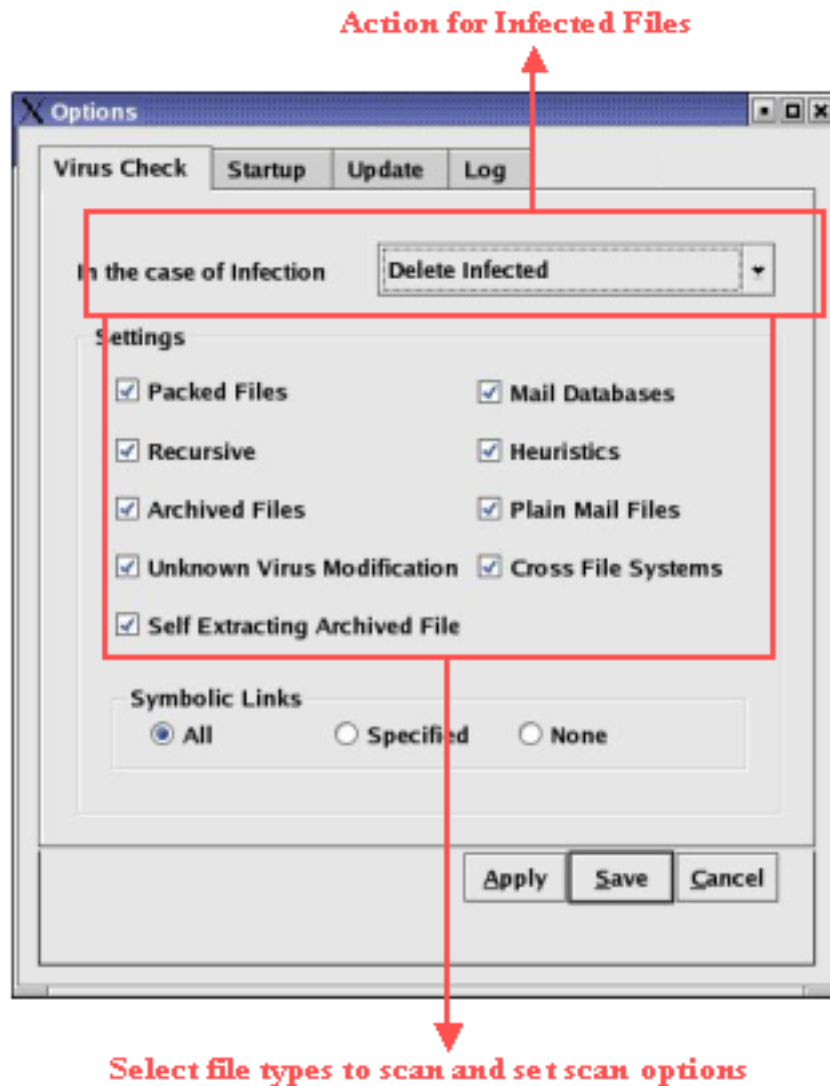
**Check directories, files, computer
and running processes**



SET ACTIONS FOR INFECTED FILES

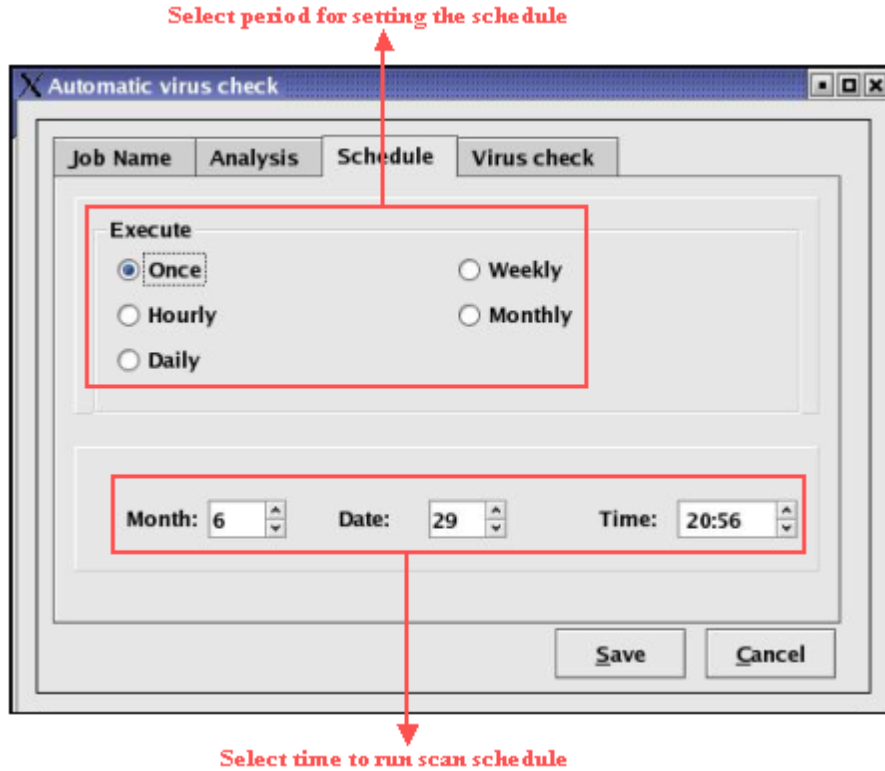
When infected files are detected, you can set the action to be taken. The actions that can be preset include renaming the infected file, cleaning the file and if that fails, either rename or delete the file, etc.

Another feature is that you can select specific file types for scanning. Different file types like packed, mail databases, archived, plain mail, self-extracting archived files.



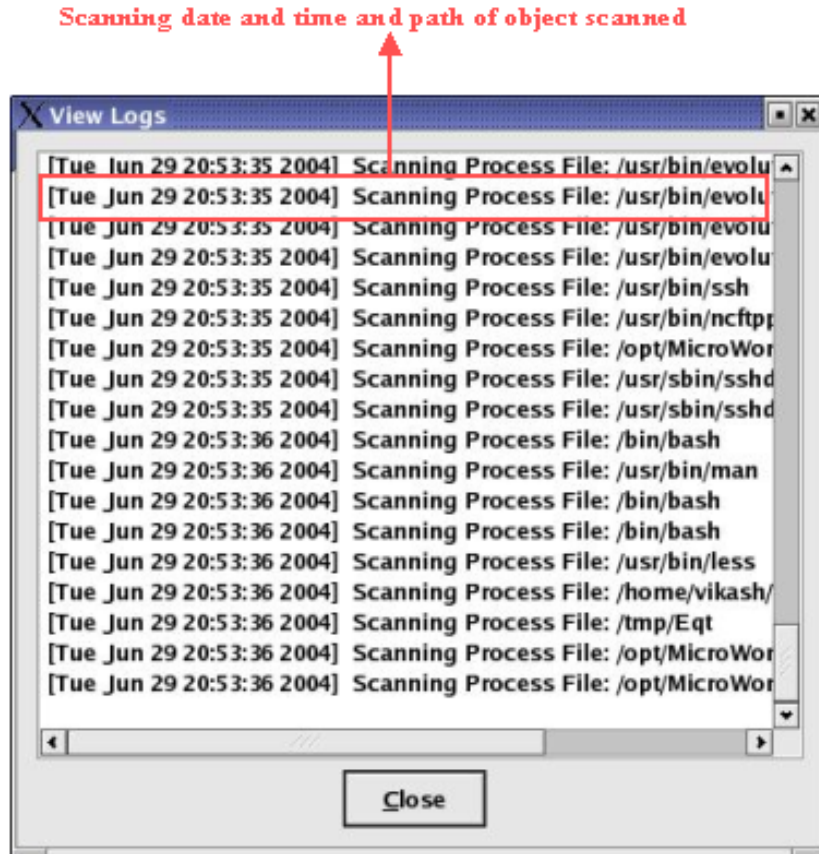
Schedule for Scanning

You can set a schedule to automatically scan your system at a preset time. When virus infected files are detected, actions you have selected earlier are run.



View eScan Log

eScan generates a comprehensive log of anti-virus activity. The log shows date and time when scanning was done, path and name of objects scanned.



System Requirements

- Red Hat Linux 9 or higher should be installed on the system.
- 40 MB of free disk space

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