# WebScan for Linux White Paper

WebScan for Linux brings the awesome Anti Virus and Content Security features of MicroWorld products to protect the internal clients/networks served by Linux based Proxy Servers and stop the threat at the gateway level.

There is no direct threat to GNU/Linux servers as such. But since GNU/Linux is becoming popular on Servers, Proxies and Gateways, there is a need for solutions that work on the GNU/Linux Platform.

Also Server based products give centralized control of Policy deployment for clients require least or no modification of client computers. WebScan for Linux provides this solution. The application is an extremely powerful web-based application that is easily configurable.

## Features of WebScan for Linux

Key Features of WebScan for Linux are given below:

- Works transparently with world's most popular Squid Caching Proxy
- Scan Web pages for Contents Policy Violations.
- Scan Web page for Virus, Worms, Trojan and other Malware.
- Scanning of HTTP and FTP Protocols and Instant Messengers traffic.
- Pop-up Blocker to remove annoying Pop-up Ads and save bandwidth.
- Ad filter to block ad servers.
- Pre-defined and Admin created content filtering Policies
- Black listing and White listing of IP Addresses
- Black listing and White listing of Domains
- Black listing and White listing of URLs
- Black listing of MIME (File) Types (Audio, Video, Pictures etc.)
- Blocking HTTP file uploads for Information Security
- PICS Site Ratings using RASCi, Safe Surf and ICRA
- State-of-the-Art Anti-Virus Scanner
- Auto and/or manual updates of Virus Databases
- Extensive reporting system for Policy Violations
- Web Based GUI Front-end for easy configuration and administration

## ADD CATEGORIES

Given below is a screen shot of WebScan for Linux, the top selling Anti-Virus and Content Security software that has the feature of creating content filters and categories, creating a black list of URLs. You can also set the maximum number of phrases that can occur before a page is blocked.

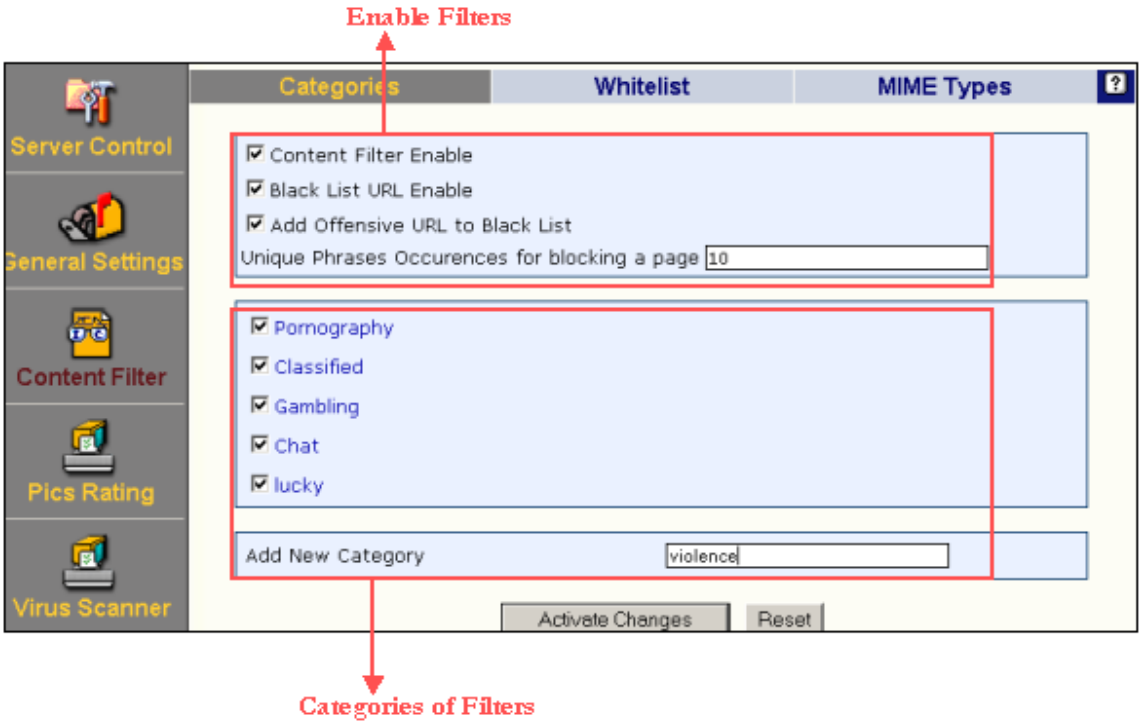
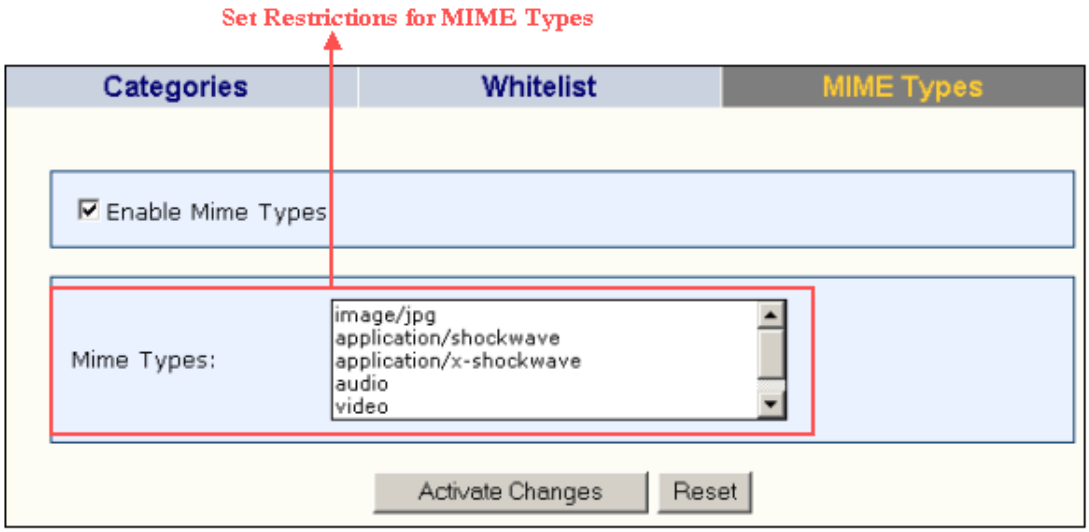



Figure 1 Block access to banned sites

## BLOCK MIME TYPES

WebScan for Linux allows you to choose options to set restrictions for MIME types. You can set restrictions for any types. The default MIME types are given below:

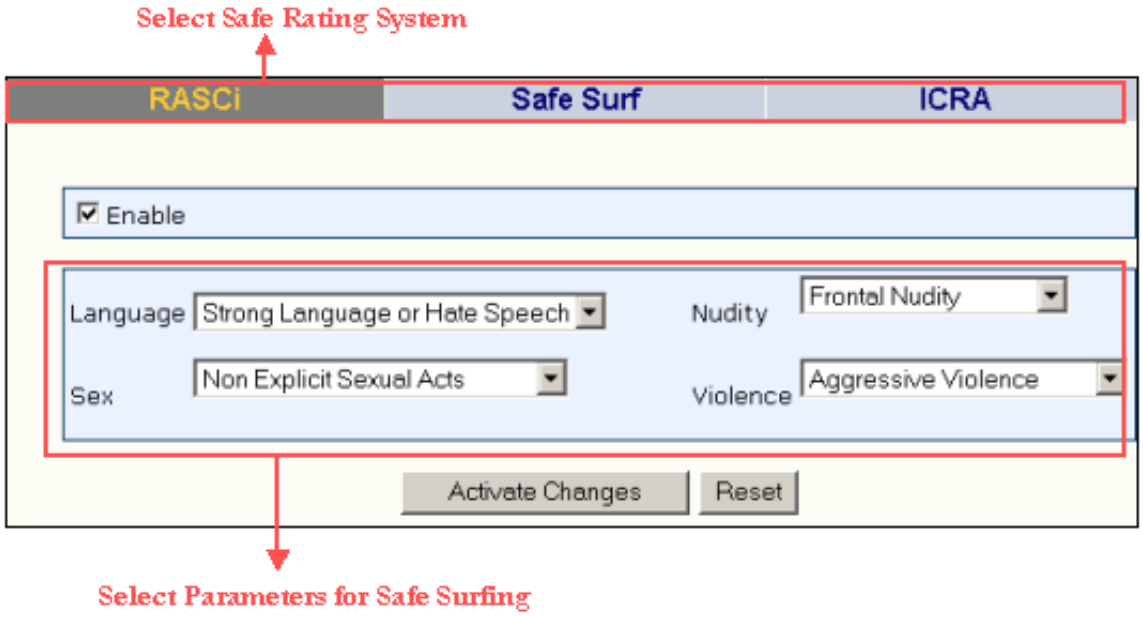
- **Block Images**: Images on web pages are not displayed.
- **Block Applications**: Block applications like .exe files that can be run on your machine.
- **Block Audio**: Audio or sound files on websites are not played.
- **Block Video**: Movies on web sites are not allowed to run.



## SAFE NET USE RATING

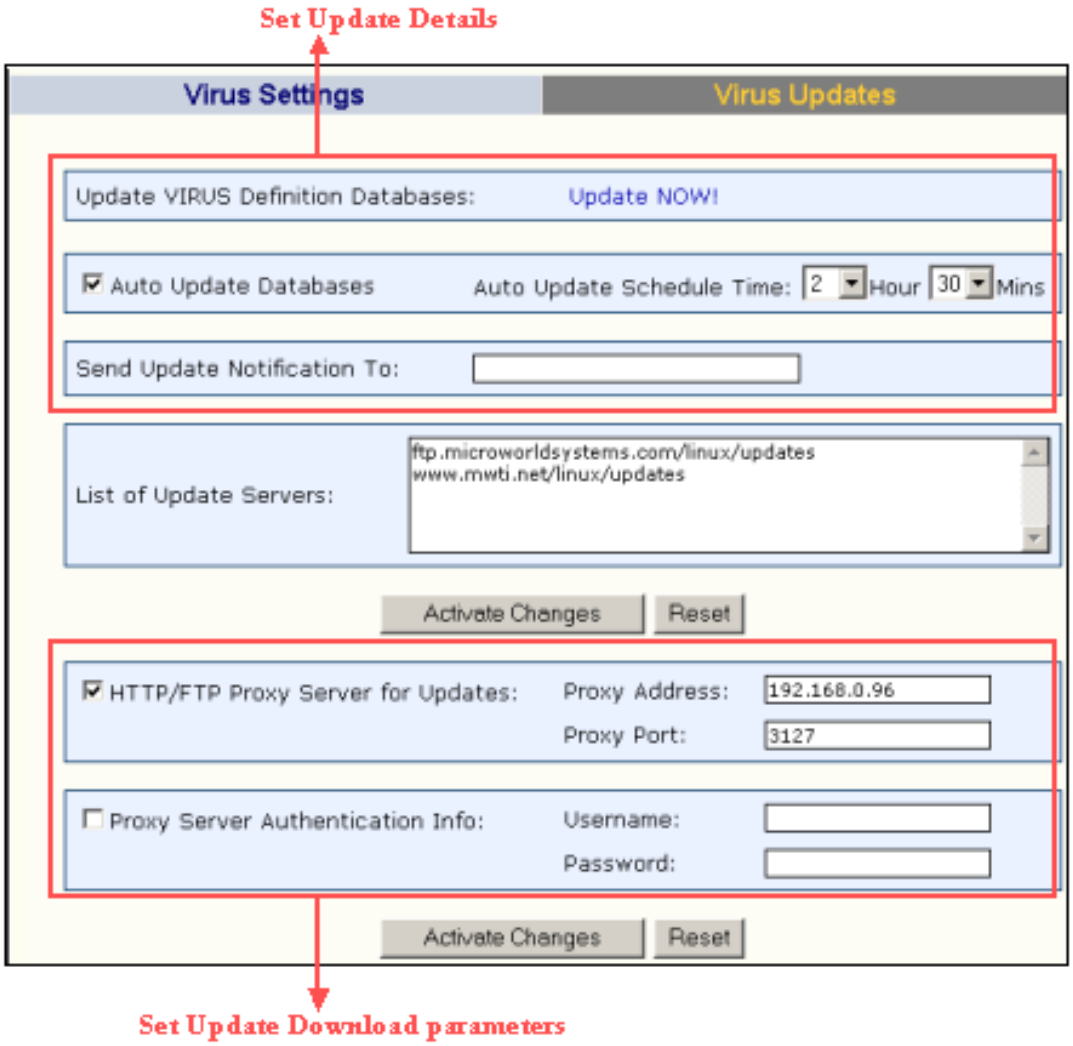
For safe net surfing, organizations like RSCAi, ICRA, SafeSurf, etc., rate sites based on the language, Nudity, Sex and Violence. Access is allowed only to sites rated as safe by these organizations.

The software should allow you to choose a rating agency and further fine tune access options for Language, Nudity, Sex and Violence.



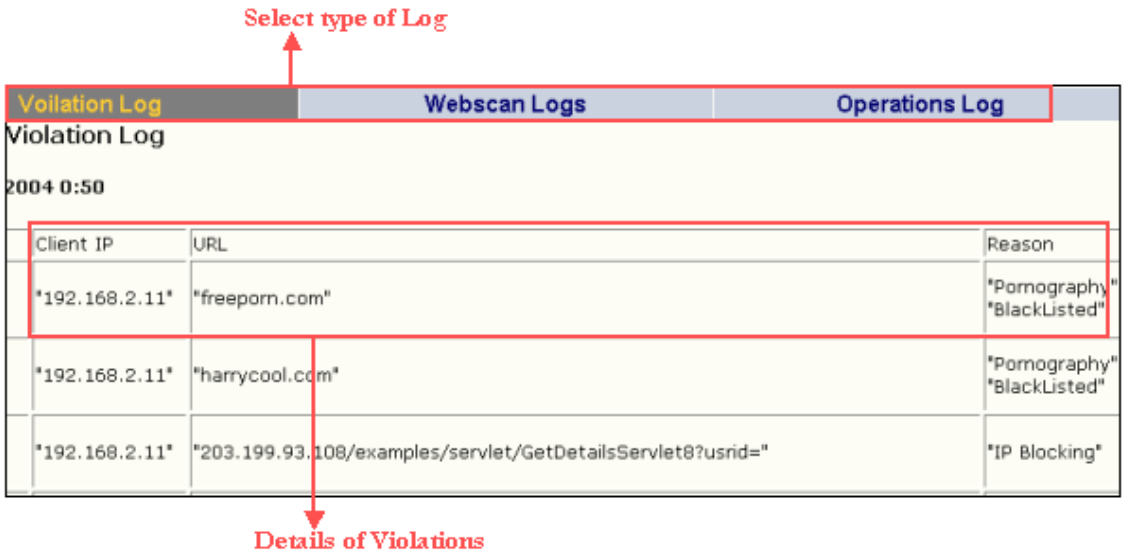
## ANTI VIRUS UPDATE DOWNLOAD

Each day sees new viruses being released. Updates are vaccines provided by MicroWorld that detect and remove these new viruses. Updates are stored in our dedicated download sites and should be kept up to date.



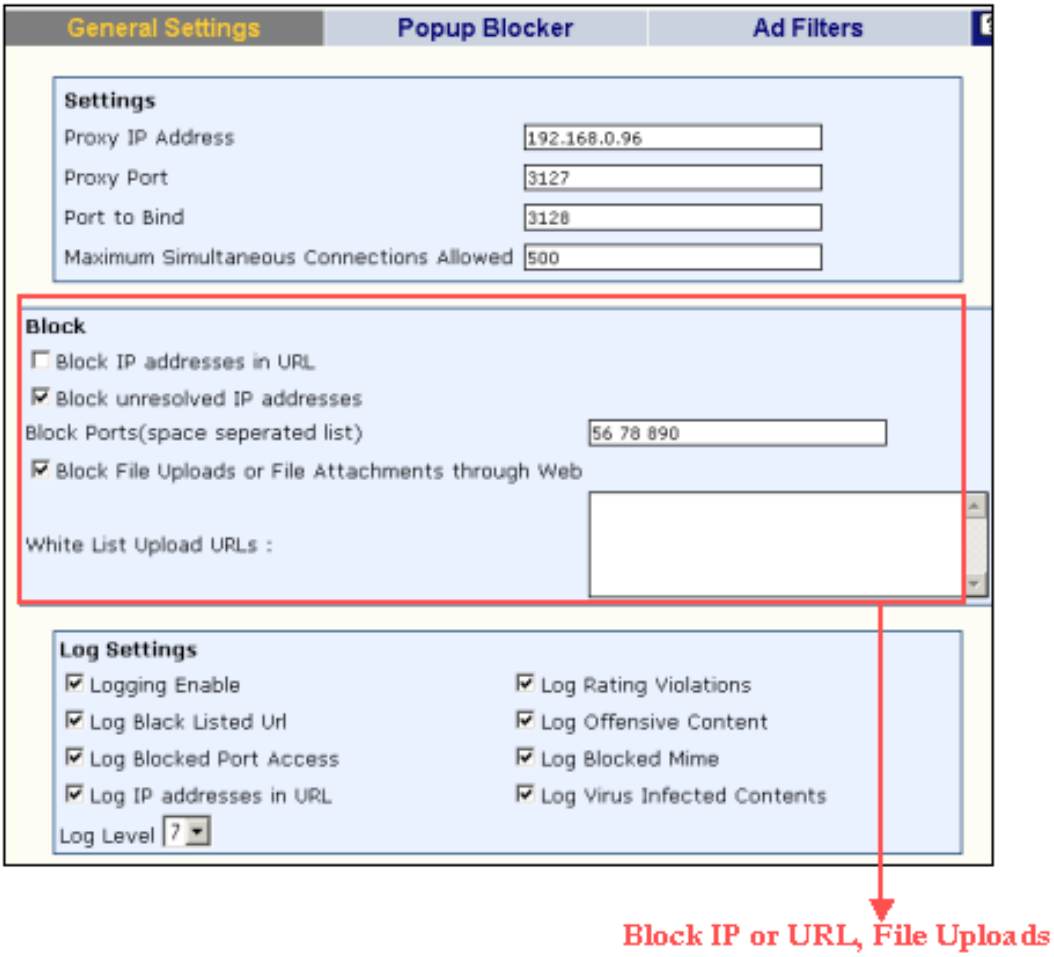
## LOGS AND REPORTS

WebScan for Linux allows you to view three types of logs: Violation Logs, WebScan Logs and the Operations Logs. In violations log, when users try to access restricted sites or sites that violate your policies, details of such attempts are logged.



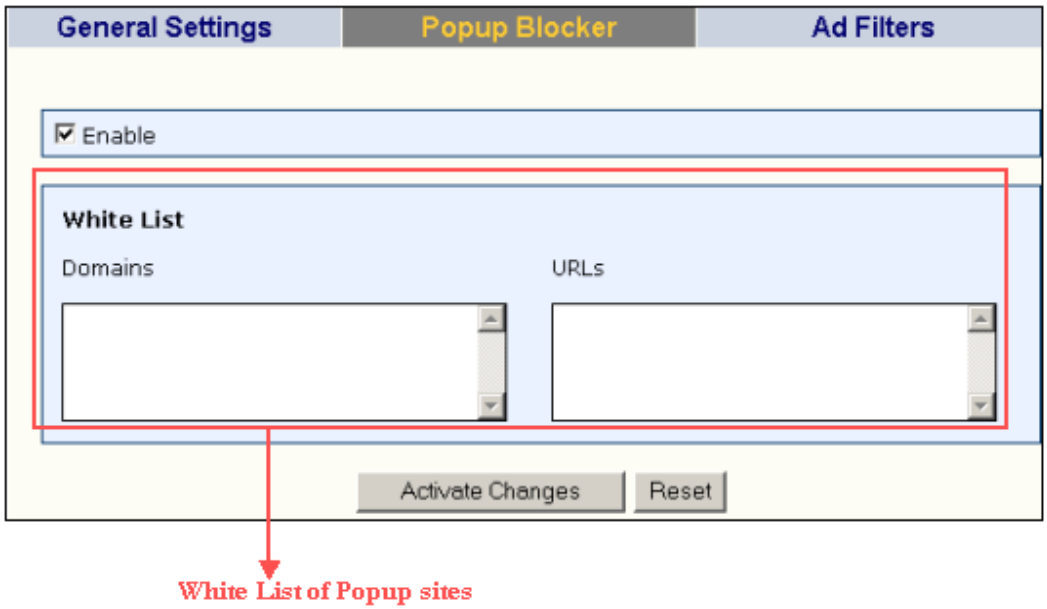
## Block Features

WebScan for Linux allows you to block IP of Spammers, specific URLs, file uploads, etc. You can also log violations events.

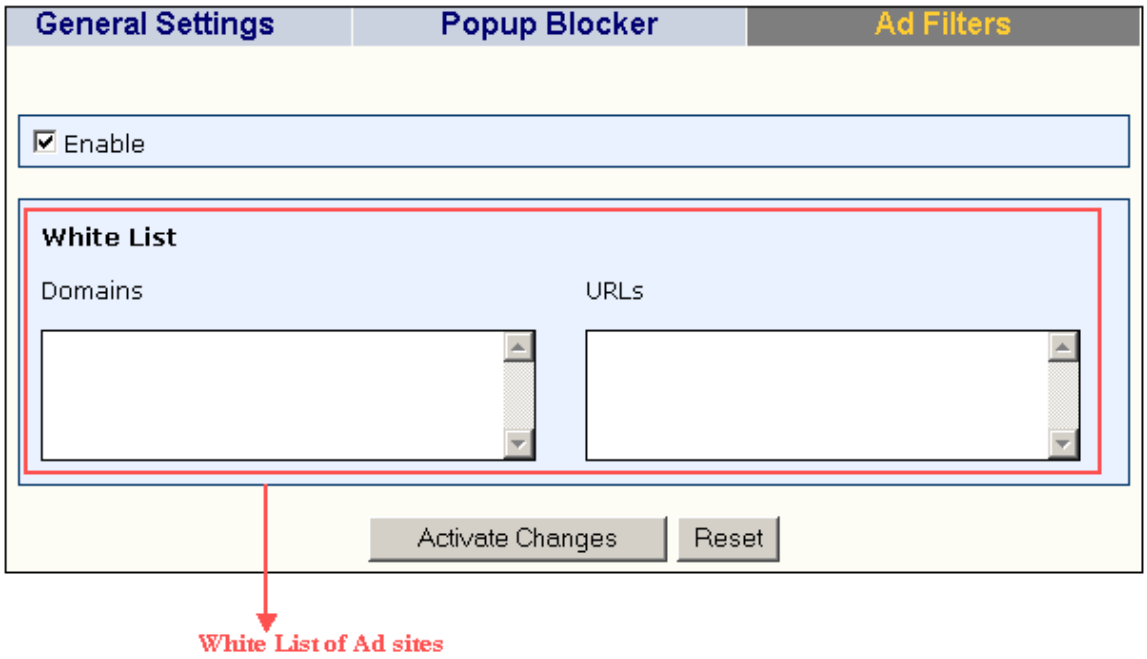


## POPUP FILTER

PopUps are intrusive Ads that are displayed as you surf. You usually do not need them as they hamper your surfing and consume valuable bandwidth. WebScan allows you to block all such popups. Some sites may have genuine popups that are usually forms that you wish to use. WebScan for Linux allows you to create a white list of such sites where popups are allowed.



## AD FILTER

Online Advertisements are unsolicited information that appear on the accessed page and then in a separate popup window when you request for more information or inadvertently click on them. These are exasperating and may not be relevant to your work. Besides consuming bandwidth, you waste browsing time in chasing and closing them. They offer a cheap way for companies to advertise their products.

WebScan Ad Filter allows you to create a white list of domains and URLs whose Ads should be allowed.