

M86 Filter List For WebMarshal™

Optional URL Category Database for Enhanced Policy Enforcement and Web Activity Reporting

The M86 Filter List is a URL category database for use with the WebMarshal secure Web gateway. The M86 Filter List provides millions of URLs and wildcard domains in over 100 categories. The Filter List offers greater control for access to specific categories of websites and higher granularity in Web activity reporting.

THE BENEFITS OF THE M86 FILTER LIST FOR WEBMARSHAL

WebMarshal is a Secure Web Gateway and real-time Web content filtering solution. It performs a variety of functions including Web threat security/protection, Web access control and Data Leakage Prevention.

WebMarshal supports a range of optional add-on modules for anti-virus scanning, spyware detection and URL filtering. These modules extend WebMarshal's already impressive default capabilities. Without the M86 Filter List, WebMarshal controls access to the Web using real-time content analysis to detect pornographic, offensive and malicious content.

Seamless integration of the M86 Filter List into WebMarshal provides substantial added benefits:

- **Precise enforcement of acceptable use policies based on category** – Without the M86 Filter List, WebMarshal can identify the content on a website, such as detecting profane language, and block access to that content. However, this enforcement is not based on what the site is specifically about. The M86 Filter List contains a database of millions of URLs and domains in over 100 specific categories. This enables you to accurately control access to websites based on the type of site as well as the content on the site.
- **Improved security** – The M86 Filter List contains categories of websites related to hacking, phishing, spyware and botnets as well as sites known to have a bad reputation or serving malicious code or viruses. Adding the M86 Filter List to WebMarshal further improves its ability to control access to these kinds of websites.
- **Increased granularity and appropriate detail in Web activity reporting** - WebMarshal provides a comprehensive set of reports for Web activity, with or without the M86 Filter List. The added benefit that the M86 Filter List provides is more positive and meaningful detail within the reports themselves. This allows you to compartmentalize the wealth of data that WebMarshal produces into more manageable and appropriate categories and therefore make reports more useful and easier to understand. It also allows you to learn more in summary reports which help identify the specific categories of web activity you want to drill-down into and explore further.

HOW THE M86 FILTER LIST IS MAINTAINED AND UPDATED

The M86 Filter List is created and maintained using a variety of website classification methods incorporating both computer and human analysis. These include:

- **Targeted Website Categorization** – The M86 Filter List categorization efforts prioritize the websites of most importance to our customers. Customers can optionally choose to send feedback on uncategorized URLs for identification. With over 7,000 M86 Security web filtering customers this ensures a high degree of relevance and coverage within the Filter List. If your organization chooses to participate in the feedback program, this helps to ensure that the M86 Filter List grows to meet your specific needs and become even more useful.
- **Data Integration and Aggregation** – At M86, we utilize data from a variety of different sources to ensure that our categorization efforts are relevant and incorporate a wide perspective. These sources include independent security watchdogs, domain and search engine trending services, URL harvesting from millions of spam and phishing messages captured daily and regular customer feedback.
- **Computer-Based Classification and Filtering** – M86 incorporate a number of technologies and automated classification tools to analyze and filter unknown websites. These technologies include lexical content analysis, regular expressions, automated malware behaviour analysis, pattern identification and reputation cross-checks. These technologies are constantly researched and evolve periodically to leverage new methodologies or innovations.
- **Human Verification** – M86 employs a global team of URL Verifiers who specialize in a range of languages and take a regional approach to website categorization. These verifiers monitor and validate URL categorization and administer changes and updates to the Filter List. They work tirelessly to ensure the categorization of millions of URLs is accurate and appropriate.
- **Regular Filter List Updates** – The M86 Filter List is updated multiple times per day. Different categories use different update schedules. General categories are updated incrementally with new or expired URLs at least once per day. This ensures efficient bandwidth and memory utilization. Time sensitive security-related categories such as phishing or malware are updated every few hours or as needed for zero-hour alerts.

M86 FILTER LIST CATEGORIES

The M86 Filter List provides approximately 10 million websites and growing; with over 100 website categories allowing for well defined policy enforcement and granular reporting. The categories include:

ADULT CONTENT

Child Pornography
Explicit Art
Obscene/Tasteless
Pornography/Adult Content
R Rated

Examples: playboy.com; bikini.com

Description: Sites ranging from R-18 (restricted to 18 years and older) to explicit sexual content and illegal pornographic material. These categories are typically prohibited by policy.

BANDWIDTH

Image Servers & Image Search Engines
Internet Radio
Peer-to-Peer/File Sharing
Video Sharing
VoIP
Web Based Storage
Streaming Media

Examples: flickr.com; skype.com; youtube.com

Description: Sites related to high bandwidth consumption either through image hosting, file downloads, Internet telephony or streaming media. Access to these categories is typically restricted, controlled via quotas or monitored by policy.

BUSINESS / INVESTMENTS

Employment
Financial Institutions
General Business
Online Trading/Brokerage
Real Estate

Examples: microsoft.com; jobdirect.com;

Description: These categories relate to a range of different business types and online commercial services as well as property which could be used for personal as well as business purposes. Access to these categories is typically permitted and monitored by policy.

COMMUNITY / ORGANIZATIONS

Community Organizations
Local Community

Examples: habitat.org; albanycounty.com

Description: These categories feature non-profit and charitable organizations such as the YMCA, Boy/Girl Scouts and also local councils or city websites. Access to these categories is typically permitted and monitored by policy.

EDUCATION

Education
Educational Games
Online Classes
Reference

Examples: harvard.edu; kidsdomain.com; wikipedia.com

Description: Sites typically used for education purposes by schools, colleges and universities. These sites range from schools to online education, tutorials and research reference sites such as online encyclopaedias. Access to these categories is typically permitted and monitored by policy.

ENTERTAINMENT

Art
Comics
Entertainment
Gambling
Humor
Kids
Movies & Television
Music Appreciation
Online Greeting Cards
Restaurant
Theater
Games

Examples: mp3.com; funny.com; tvguide.com; playstation.com

Description: These categories represent a wide range of entertainment information sites and online entertainment. For most organizations these sites would be used for personal free-time purposes. Access to these categories is typically restricted to non-work hours or monitored by policy.

GOVERNMENT / LAW / POLITICS

Government
Legal
Military Appreciation
Military Official
Political Opinion

Examples: whitehouse.gov; lawyers.com; army.mil

Description: These categories cover a wide spectrum of government sites, legal advice, legal services and legal information, military information, military unit history, politics and political parties. Access to these sites is typically permitted and monitored by policy.

HEALTH / FITNESS

Fitness
Health/Medical
Holistic
Self Help

Examples: yoga.com; bluecross.com;

Description: These sites cover everything from gyms, fitness equipment, diet advice, to hospitals, clinics, homeopathic medicine and counselling services. Access to these categories is typically permitted and monitored by policy.

ILLEGAL / QUESTIONABLE

Criminal Skills
Dubious/Unsavory
Hate & Discrimination
Illegal Drugs
School Cheating
Terrorist/Militant/Extremist

Examples: hightimes.org; nazi.org; password-crackers.com

Description: Categories pertaining to inappropriate and potentially offensive content as well as illegal material or controlled substances. These categories are typically prohibited by policy.

INFORMATION TECHNOLOGY

Dynamic DNS Servers
Freeware/Shareware
Information Technology
Internet Service Providers
Portals
Remote Access
Search Engines
Web-Based Newsgroups

Examples: tucows.com; cnet.com; aol.com; google.com

Description: Categories covering a wide spectrum of Internet services, resources, technology information and advice. Access to these categories is typically permitted and monitored by policy or may also be controlled by file download restrictions or bandwidth quotas in the case of categories such as Freeware/Shareware.

INTERNET COMMUNICATION

Chat
Message Boards
Online Communities
Translation Services
Web Based Email
Web Logs/Personal Pages
Web-Based Productivity Apps
Instant Messaging (IM)

Examples: myspace.com; facebook.com; hotmail.com; aim.com

Description: These categories encompass a wide range of communication, social networking and Web 2.0 sites. Access to these categories is dependent on organizational culture and personal use policies. Some organizations may permit access to select categories to facilitate business communication but these are typically considered personal use categories and access is either restricted to non-work hours or closely monitored by policy.

INTERNET PRODUCTIVITY

Adware
Banner/Web Ads
Fantasy Sports
Free Hosts/Web Hosts

Examples: coremetrics.com; myfantasyleague.com; geocities.com;

Description: Internet-related categories which serve limited business functions. These include sites providing advertising or hit tracking software, fantasy sports sites, and free hosting sites. Access to these categories is typically restricted or monitored by policy.

INTERNET / INTRANET MISC.

Domain Landing
Edge Content Servers/Infrastructure
Invalid Web Pages
Reviewed/Miscellaneous

Description: Categories representing Internet infrastructure and miscellaneous sites which don't typically suit other categories such as 'under construction' pages. Access to these categories is typically restricted or monitored by policy.

NEWS / REPORTS

News
Sports
Weather/Traffic

Examples: cnn.com; espn.com; weather.com

Description: These categories relate to very popular sites for current affairs, sports news, traffic updates and weather forecasting. Access to these categories often depends on organization culture but is typically permitted and monitored or restricted to out-of-office hours.

RELIGION / BELIEFS

Paranormal
Religion

Examples: astrology.yahoo.com; heavensgate.com

Description: Categories representing sites discussing mainstream religions, churches, temples, as well as more obscure beliefs such as UFO's, tarot reading and the occult. Access to these categories is typically permitted and monitored or restricted to out-of-office hours.

SECURITY

Bad Reputation Domains
BotNet
Hacking
Malicious Code/Virus
Phishing
Spyware
Web-based Proxies

Description: These categories represent known security threats covering a range of malicious content or sites that promote and facilitate Internet hacking tools, botnet operations, exploit browser vulnerabilities or are otherwise undesirable. These categories are typically prohibited by policy.

SHOPPING

Online Auction
Shopping

Examples: ebay.com; amazon.com

Description: These categories cover a range of sites which promote or enable the purchase or trade of goods. These kinds of sites are typically very popular and widely used for personal reasons but provide limited business value. Access to these categories is often restricted to out-of-office hours or managed with time quotas.

SOCIETY/LIFESTYLES

Alcohol
Animals/Pets
Books & Literature
Dating/Personals
Fashion
Lifestyle
Recreation
Self Defense
Social Opinion
Tobacco
Vehicles
Weapons

Examples: petsonsale.com; match.com; gardenweb.com; buckknives.com

Description: These categories represent an assortment of typically non-business related websites covering a spectrum of personal interests, hobbies and social topics. As the nature of many of these categories is typically personal, access to these categories is often restricted to out-of-office hours or managed with time quotas.

TRAVEL / EVENTS

Tickets
Travel

Examples: ticketmaster.com; expedia.com

Description: These categories represent sites that promote or facilitate special events, tickets, bookings, travel packages, as well as hotels and accommodation. Access to these sites is typically permitted and monitored by policy.

ABOUT M86 SECURITY

M86 Security is a global provider of Web and messaging security products, delivering comprehensive protection to more than 20,000 customers and over 16 million users worldwide. As one of the largest independent internet security companies, we have the expertise, product breadth and technology to protect organizations from both current and emerging threats. Our appliance, software and cloud-based solutions leverage real-time threat data to proactively secure customers' networks from malware and spam; protect their sensitive information; and maintain employee productivity. The company is based in Orange, California with international headquarters in London and offices worldwide. For more information about M86 Security, please visit www.m86security.com.

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