



Web Filter 5.0.00

M86 Security is pleased to announce the release of Web Filter software version 5.0.00, available for downloading to a virtual machine in an environment supporting Virtualization Technology. For Web Filter appliances, this software release requires one of the following models running Web Filter software version 4.2.00 or later: Web Filter 300, 500 or 700, R3000 HL or SL, or MSA or IR MSA sold after January 2008.

WARNING: Due to operable changes in mobile filtering introduced by the M86 Mobile Security Client in this release, the Web Filter 5.0.00 software is incompatible with the former M86 Mobile Client product. Thus, by applying this upgrade, the legacy M86 Mobile Client will no longer be operable in your environment. Additionally, an IR or WFR cannot be used as a mobile server. In a synchronization environment, an IR or WFR cannot function as either a source or target server.

NOTE: After applying this software upgrade, Web Filter 500 and 700 models with Cavium SSL accelerator cards will automatically reboot.

FREQUENTLY ASKED QUESTIONS

Q. Can MSC be used in a synchronization environment?

A. For this release, in a synchronization environment, mobile settings are not synced.

Q. Can a Web Filter still be set to use two modes, e.g. invisible and mobile modes?

A. For this release, the Web Filter can be set to use only one mode. If the Web Filter is set in the mobile mode, it will only function as a mobile server.

Q. Can the MSC client be used in an environment with a Web Filter and a Secure Web Gateway (SWG)?

A. The client is designed to be used with Web Filter 5.0 and SWG 10.2 servers.

NEW FEATURES AND ENHANCEMENTS

Web Filter Virtual provides an optional filtering source

The new Web Filter Virtual product is available for use in an environment supporting Virtualization Technology. This product offers a cost-effective solution for including another Web Filter on the network without needing to purchase and maintain a chassis to host the software.

The following items are required for using Web Filter Virtual:

- Host computer on your network
- VMware ESXi 5.0 server software and ESXi 5.0 client software
- Web Filter software image downloaded to your computer.

Mobile Security Client replaces Mobile Client application

What is the Mobile Security Client (MSC)?

The new Mobile Security Client (MSC) product performs Internet filtering and blocking on mobile workstations physically located outside your organization. This product uses a Web Filter configured in the mobile mode, certificates for authentication purposes, and the client installed on each mobile workstation.

Prerequisites for running MSC

- MSC is available for use on a Web Filter appliance (64-bit platform models 300, 500, 700; and 32-bit platform models 70, 71, 80, 84, 85), and is currently unavailable for use on an IR and WFR appliance.
- MSC can run on the new Web Filter Virtual product for use in a synchronization environment.
- A server for signing and storing certificates, such as a Windows Enterprise Edition LDAP server on your network.
- Multiple mobile Web Filters can be set up for use in a failover situation.

User interface modifications

The following modifications have been made in the System section of the user interface to accommodate MSC:

- Mode > Operation Mode > Mode screen - The "Mobile Only" option has been renamed "Mobile", and the "Mobile" check box has been removed. When choosing the "Mobile" option, the Mobile menu selection displays in the System tree.
- SSL Certificate menu and screen have been renamed "UI SSL Certificate" to differentiate between the certificate generated for the Web Filter's user interface, and those generated for Web-based Authentication or for devices used in the MSC verification process.

continued

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ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry's leading Secure Web Gateway provider. The company's appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 25,000 customers and 26 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advanced threats, secure confidential information, and ensure regulatory compliance. The company is based in Irvine, California with international headquarters in London and development centers in California, Israel, and New Zealand. For more information about M86 Security, please visit: www.m86security.com.

User interface modifications, continued

- Mobile menu - This menu includes the "Certificate Management" and "Configuration" sub-menus:
 - Certificate Management screen - This screen includes tabs used for enabling the PKI mode and generating certificates to be issued to devices engaged in the Mobile Security Client verification process. A schedule can be established for communicating with the certificate authority server to pull the latest list of validated mobile users.
 - Configuration screen - This screen includes tabs used for configuring the client's Proxy Auto-Configuration (PAC) file used for communicating with the mobile Web Filter.

Since the MSC client does not use MAC addresses to identify end users, references to "MAC Address" have been removed from the following System and Policy screens:

- System > Diagnostics > Active Profile Lookup screen - Active Profile Lookup results pop-up window
- Policy > IP group > Members screen
- Policy > IP group > Sub Group > Sub Group Details screen
- Policy > IP group > Sub Group > Members screen
- Policy > IP group > Individual IP > Members screen

In the mobile mode, the mobile Web Filter captures all mobile workstation traffic. Thus, because it is not necessary to configure a range of IP addresses to detect, the Policy > Global Group > Range to Detect feature is disabled in the mobile mode.

Advantages to using MSC

With MSC deployed, the following Web Filter features are no longer restricted for end users with mobile workstations:

- Minimum Filtering Level
- Time Profile
- Override Account
- Exception URL
- LDAP Authentication
- Warn and Quota filter settings
- Pattern filtering
- HTTPS filtering
- Extended URL Keyword filtering
- Safe search for Bing, AOL, Youtube, and Ask.com
- Custom block page redirect URL
- Always Allow feature for set categories

Resolved Known Issues

- Go to <http://www.m86security.com/software/8e6/ts/r3000-rki.html> and click the Web Filter 5.0.00 accordion to open it and view the resolved known issues for this software release.

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Version 03.15.12

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