

Web Filter 4.2.00

M86 Security is pleased to announce the release of Web Filter software version 4.2.00. This software release requires one of the following appliance models running Web Filter software version 4.1.10 or later: Web Filter 300, 500 or 700, R3000 HL or SL, or MSA or IR MSA sold after January 2008.

NOTE: M86 recommends applying this software update during periods of low network usage, as it will have a severe impact on the server resulting in a decreased filtering performance for approximately five minutes.

WARNING: In a synchronization environment with a mix of Web Filter and WFR, uninstalling this software update on the Web Filter will break synchronization because this update cannot be uninstalled on the WFR. Thus it is strongly recommended that this software update is not uninstalled in this scenario.

FREQUENTLY ASKED QUESTIONS

Q. Which versions of Java are supported in this release?

A. The latest versions of Java are now supported due to enhancements made in this release. Previously only Java versions 1.6.0_17 through 1.6.0_21 were supported.

Q. If the synchronization feature is used in our environment, do all Web Filter and Web Filtering and Reporting Suite (WFR) appliances need to be running the same software version?

A. In a synchronization environment, all Web Filters must use the same software version. If this 4.2.00 software release is installed on the source Web Filter, target Web Filters and/or WFRs must also be upgraded to 4.2.00.

Q. Why aren't older hardware models supported in this release?

A. This software upgrade cannot be applied on older R3000 and R3000IR models due to hardware limitations. The server must be upgraded to a later model in order to apply the software update.

NEW FEATURES

Download software updates to preview upcoming features

From the Local Software Update screen (System > Software Update > Local Software Update), you can now download and apply pre-officially released Web Filter software versions in order to preview new features before they are made available to all Web Filter users. The following terms are used when referring to the three basic types of software downloads:

- GA (General Availability) - Official software release; recommended for production systems, available for all active servers.
- LA (Limited Availability) - Production ready software made available in advance of an official software release, downloads are used in a production environment.
- Beta - Pre-released software made available for reviewing new features in an upcoming software release; not recommended for use in a production environment.

Local Software Update screen enhancements

The new feature includes the following screen enhancements:

- Type column in the Available Software Updates and History of Software Updates frames displays the software update code corresponding to the downloaded update in the grid (GA, LA, Beta).
- Enable/Disable Software Update Type Download frame includes a key explaining the software update types, with checkboxes preceding each software update type. If enabling Beta software downloads, LA also becomes enabled.

NOTES:

- Options to enable/disable LA or Beta software downloads can be modified at any time.
- Only the latest, available LA/Beta software update for an upcoming GA release displays in the Available Software Updates table.
- With Beta and/or LA software update downloads enabled, an email is sent to alert you to the availability of the latest Beta/LA software update.

Beta, LA software update acceptance and application

When choosing to apply either a Beta or LA software update for the first time, clicking Apply Now in the README pop-up window launches the Software Update Installation Key pop-up window requesting the entry of a valid installation key.

- Typing in the valid installation key and clicking Enter opens the Software Update Type Acceptance dialog box that includes an explanation for the type of software update being requested (Beta, LA).
- Clicking Yes launches the EULA that must be accepted in order to apply the requested software update.

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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 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 Irvine, California with international headquarters in London and offices worldwide. For more information about M86 Security, please visit www.m86security.com.

Beta, LA software update, continued

- If you do not have an installation key, clicking the “click here” link launches the login page at M86Security.com in which you authenticate yourself and verify user and server criteria in order to obtain the installation key.

Customized time settings in Web-based authentication

Using Tier 2 or Tier 3 Web-based authentication, you now have the ability to customize the number of minutes an end user's profile will be active per session on the network.

If Tier 3 is enabled in System > Authentication > Enable/Disable Authentication, you have the option to click a new checkbox to enable the global authentication profile to be effective for a customized number of minutes (1 minute by default). The specified number of minutes for using the global authentication profile only becomes effective if the end user's workstation does not allow the Java Applet pop-up box to display, as on Android and iOS-based devices.

If either Tier 2 or Tier 3 and its optional checkbox is enabled, for each LDAP group or individual user profile set up in the Policy tree, a new screen is available via that node's menu. This screen, Web-based Authentication Timeout, lets you choose whether to inherit the global authentication profile minutes set up in Enable/Disable Authentication, or specify a unique number of timeout minutes to be used by that group/user profile.

SNMP label modification

In System > SNMP the “Community token for public access” field has been renamed “SNMP read community string” to better represent its function.

Exception URL case-sensitivity match

The Exception URL screen (available for group/user profiles via the Policy tree) has been enhanced to let you specify case-sensitive URLs to be blocked or bypassed. This feature is especially pertinent to YouTube URLs which are case-specific.

To accommodate the new functionality, the Add Block URLs and Add ByPass URLs pop-up windows now contain the “Match case” column with checkboxes for specifying which URLs you wish to designate as being case-specific.

Chassis serial number accessible from UI, LCD panel

The unique serial number of the chassis can now be viewed:

- In the user interface by navigating to Help > About. The Web Filter software version number is also displayed in the About pop-up box. This information can be copied and pasted in an email to be submitted to M86 Technical Support.
- In the LCD menu of an appliance with an LCD panel.

Resolved Known Issues

- Go to <http://www.m86security.com/software/8e6/ts/r3000-rki.html> to view the resolved known issues for this software release.

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