



Astaro Web Gateway **V7.2**

Release Notes

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The new Astaro Web Gateway V7.2

Astaro Web Gateway provides complete protection and control over data transferred over the web. The All-In-One web security appliance features Malware Detection, Application Control, URL Filtering and Bandwidth Management, fully integrated and manageable through a single and intuitive browser-based user interface.

The following main features are included:

Management and Administration

Web-Based User Interface

The WebAdmin interface provides an instant overview through the dashboard, multi-admin support and lots of flexibility—for example, you can create new network objects from any point within WebAdmin.

Customizable End User Messages

Administrators can individually customize and localize all notifications, HTTP-Status/Error pages and messages viewed by end user (not admin). All end user messages also support multiple languages (UTF8/uni-code compatible).

Configurable Alerting

A GUI allows the administrator to configure which important notifications he wants to receive and which less important (informational) ones should be silently dropped.

Reporting

Integrated graphical reports offer comprehensive information about frequency and duration of web-usage by user and domain, blocked web categories, detected/blocked viruses.

Executive Report

The Executive Report can be sent at three different intervals (daily, weekly, monthly) to different recipients.

Active Directory and eDirectory Integration

Authentication cannot only be effected by the integrated user database but also be managed by easy integration of Active Directory or eDirectory to allow a true single-sign-on experience.

Automatic Signature and System Software Update

Not only signatures for individual security applications (virus scanners) but also components of the system software (firmware) are kept up to date automatically with the Astaro Up2Date Service. Astaro Web Gateways download new firmware automatically to the gateway – the administrator can install it with one mouse click.

High Availability

Active/Active High Availability (Cluster) ¹

This new patent pending technology, developed by Astaro, enables the load distribution of cost-intensive tasks like content scanning (HTTP and FTP traffic) to multiple nodes without the need for additional load balancers. A cluster can consist of up to 10 units while operating in high availability mode. New nodes can be added dynamically to the cluster without interrupting operation.

Auto Configuration Zero Latency High Availability (HA)

The active/passive HA concept ("hot standby") includes an "automatic setup" (auto configuration) mode, which configures the unit automatically for HA mode depending on whether it finds a master or slave unit on a specific interface (the HA-port). The HA concept ("hot standby") allows takeover times after a failure of less than 2 seconds.

HTTP and FTP Proxy

Web Proxy Cache

The Astaro Web Gateway proxy cache provides faster Web browsing experience and helps to save Internet bandwidth for other business critical applications.

Transparent FTP Proxy

A transparent FTP proxy is now able to handle "native" FTP connections (e.g. from FTP clients like WS-FTP or CuteFTP) in addition to FTP sessions initiated through a web browser (FTP over HTTP). This allows transparent scanning and filtering of malicious content (viruses, expression lists, extension filter) within all FTP traffic.

Mixed HTTP Proxy Mode Configuration

You can use transparent mode, standard mode, and authentication mode simultaneously on different networks with each instance using different filtering actions.

URL Filtering

Comprehensive URL Filter

Administrators can control employee web access for 60 specific content categories. A comprehensive URL database with international content offers support for more than 70 languages via sites registered in over 200 countries. The database is updated daily with newly discovered websites.

Time, User and Group-Based URL Filtering Rules

A fine-grained rule administration allows not only simple user/group-specific restriction of access rights to certain websites; it also allows them to be limited to a single or recurring period.

Malware Detection

HTTP and FTP Traffic Filtering

¹ Only AWG 3000 and AWG 4000

Malware filtering covers all web and FTP traffic in order to stop viruses, spyware and active content from entering your network.

Spyware “Phone Home” Protection

Hidden “phone home” communication from spyware infected PCs is detected and blocked, avoiding the leakage of confidential data.

Dual Antivirus Engines

To provide optimal protection, Astaro Web Gateway provides two built-in virus scanners operating with comprehensive, independent databases with over 300,000 patterns. Both scanners can be activated optionally and are automatically updated in real-time through Astaro’s Up2Date servers.

HTTP MIME Type Filter

With the MIME type filter you can restrict access to HTTP objects that match a given MIME/content type. Optionally you can also turn on a “magic lookup” forcing the MIME type filter to inspect the complete HTTP body in order to verify if the specified MIME type is correct and not faked.

Active Content Protection

With active content protection you can block unsafe ActiveX, JavaScript and Flash content from Web pages.

Granular IM/P2P Control

IM/P2P Protocol Detection

The Astaro Flow Classifier allows detection and classification of sophisticated protocols, which are typically hard to identify. The classification engine is able to detect AOL Instant Messenger, ICQ (OSCAR), MSN Messenger, Yahoo! Messenger, IRC, Google Talk/Jabber, Tencent QQ, Skype, Applejuice, Ares, Bittorrent, Direct Connect, Edonkey, Gnutella, IMesh, MUTE, Manolito, Pando and Winny.

Exceptions Based on User/IP Addresses

Administrators can define exceptions from the global IM/P2P usage policy for individual IP addresses. This allows granting usage of specific IM or P2P applications to specific users/IP addresses only.

Skype Blocking, Logging and Bandwidth Shaping

By use of the flow classifier, Astaro Web Gateway can also detect Skype communication, and block it, or limit its bandwidth consumption, or just log its usage for the administrator.

Bandwidth Management

Quality of Service for IM/P2P Protocols

In order to reserve sufficient bandwidth for business critical applications you can define bandwidth limitations for certain IM/P2P protocols, e.g. BitTorrent. For this purpose Astaro Web Gateway offers pre-defined traffic-selectors for all IM and P2P protocols.

Quality of Service for Other Applications

You can define new generic traffic-selectors to control many different traffic types, not only based on IP addresses and ports but also on TOS and DSCP header markings.

System Requirements

Supported Web Browser

Astaro Web Gateway V7 WebAdmin supports the following browser/platform combinations:

MS Windows 2000/XP/Vista

- IE6 or higher (including IE7)
Note: Parallel installations of IE6 and IE7 are not supported!
- Mozilla Firefox 1.5 or higher
- Safari 3.0 or higher

Linux:

- Mozilla Firefox 1.5 or higher

Mac OSX:

- Safari 2.0.3 or higher
- Mozilla Firefox 1.5 or higher

Note: The iPhone Safari browser has certain limitations – hence it is not supported

Other browsers could also work, but might be subject to rendering or JavaScript issues. They are unsupported. Java or Flash support is not needed.

As with the new GUI technology much of the GUI processing has been moved from the appliance to the management workstation we recommend using [Firefox](#) on a system with at least 512 MB RAM and a CPU with 1.5 GHz. More system performance will increase GUI processing speed significantly.

Software Download

The new version is available at Astaro's official download servers:

ftp://ftp.astaro.de/pub/AWG/v7/install/hardware_appliance/
http://download.astaro.de/AWG/v7/install/hardware_appliance/

Supporting Management Applications

Astaro Command Center Support

Astaro Web Gateway V7.2 will be supported by Astaro Command Center (ACC) V1.9.

Astaro Report Manager Support

Astaro Web Gateway V7.2 will be supported by Astaro Report Manager (ARM) in future releases.

Known Issues

The actual AWG V7 Known Issues List (KIL) can be found at

http://www.astaro.com/lists/Known_Issues-ASG-V7.txt