

What's New In Astaro Security Gateway Software V6.1

Name Changes

Astaro is changing the name of **Astaro Security Linux** to "**Astaro Security Gateway Software**."

There are two reasons for this change:

- Because Astaro now markets security appliances as well as software, it is much easier to talk about "Astaro Security Gateway appliances and software" rather than saying "Astaro Security Gateway appliances, running Astaro Security Linux software, and Astaro Security Linux as stand-alone software."
- Because Linux was in the product name, many potential customers mistakenly thought that the software only protected Linux servers, or that they needed a trained Linux administrator to manage the software.

The names of the subscriptions are changing to the "**Email Security Subscription**" and the "**Web Security Subscription**." This is to keep the subscription names consistent with Astaro's new marketing materials, which will discuss how the Astaro Security Gateway appliances and software provide three types of security: Email Security, Web Security, and Network Security.

The new names will be phased in during October.

New Features

The new Astaro Security Gateway Software V6.1 provides a set of new features which dramatically enhance the capabilities of its email security mechanisms including Virus-, Spam-, and Phishing protection.

The major new features are:

Dual Virus Scanner Support

This release includes a second virus scanner, ClamAV, which will work in addition to the existing Kaspersky virus scanner.

This is the first implementation of dual virus scanners on a Unified Threat Management system.

Dual anti-virus systems improve security in three ways:

- Increasing the number of virus patterns, to detect more viruses by their signatures,
- Providing a wider range of virus testing methods, to detect more virus variations that can not be identified by a simple signature.
- Providing updates from two sources, to reduce the exposure to new viruses. Customers will be protected from new viruses as soon as the first signature is received from either Kaspersky Lab or ClamAV.

Kaspersky Lab (www.kaspersky.com) is a leading commercial vendor of anti-virus software. Its technology detects polymorphic and other virus derivatives through sophisticated processes that include heuristic analysis and code emulation. Kaspersky Lab's virus

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signature database is one of the largest in the world, with over 120,000 entries. Kaspersky Lab's renowned anti-virus research team tracks newly developing viruses 24 hours a day, seven days a week.

The ClamAV project (www.clamav.net) is the leading Open Source anti-virus project. The strengths of its technology include high performance and very high detection rates for phishing emails. Updated virus signatures and new software features are provided by the hundred ISPs, software vendors, universities and enterprises that support the ClamAV project.

Customers have the option of using only one scanner or both at the same time. If they use both, the two scanners will be connected in series, with ClamAV being in the first position.

Using two scanners will not harm performance. The first scanner will block or pass through the vast majority of packets. The only objects sent to the second scanner will be the ones that the first scanner is unable to evaluate (for example, if there is an archive file type that the first scanner cannot unpack).

This feature addresses the increasing customer demand to deploy two different independent virus scan engines.

Support for Accelerated Virus Scanning on Selected Astaro Security Gateway Appliances

In November Astaro will be releasing the Astaro Security Gateway 425 appliance which will include a virus acceleration hardware card from Sensory Networks.

This card will approximately double the speed of scanning and detecting virus signatures in email and web traffic. (Final performance information will be provided when the Astaro Security Gateway is released.) It will initially scan using the ClamAV database of virus patterns.

Astaro Security Gateway Software V6.1 will support the use of hardware acceleration cards, initially on the Astaro Security Gateway 425 and later on additional high-end Astaro appliances.

Spam-Release by End Users

End users receive a Daily Spam Digest of emails blocked as spam. With Astaro Security Gateway Software V6.1 they can release individual messages from the quarantine by clicking on a link in the digest, without involving the email administrator.

This will significantly reduce the administrative effort of managing Spam messages within the quarantine queue.

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Scanning Emails for Spam URLs

Almost all spam emails contain a link for the user to follow. The new release of Astaro Security Gateway software scans URLs within spam emails and checks them against a database to see if the URL is associated with spamming or other unwanted activities. If the URL is found in a specific category of the database, it will get an appropriate score which will be used afterwards to calculate the overall SPAM score for this message. The SPAM score will then trigger the predefined action set by the administrator (drop, reject, quarantine, or pass with warning).

This feature substantially increases the recognition rate of the Spam Protection module.

Real-Time Anti-Spam Pattern Updates

Astaro's Up2Date mechanism will now update spam signatures daily using SpamAssassin's real-time anti-spam patterns ("Rules du Jour"). This is of crucial importance because of the huge variety of types of spam that continuously evolve and change. Now Astaro Security Gateway can react more flexibly and more rapidly to different sorts of threads caused by spammers.

Improved Presentation of "Content blocked" Frames

Astaro displays a "Content blocked..." frame within a webpage when Spyware, Adware, or other Malware is detected. In this release the "Content blocked" frames have been enhanced. The message content has been minimized, so that it now fits even within very small frames (such as banner ads) without the need for scrolling. Detailed information on why the content was blocked is accessible via a separate window.

This makes the messages much easier to read and enhances the overall readability of the web pages.

Electronic Manual

The Astaro Security Gateway manual will now be available from within WebAdmin. It will be updated automatically when new versions of the manual are released. This ensures that administrators will always have the latest version of the manual, and will be able to find it quickly and easily without searching for a download web site.