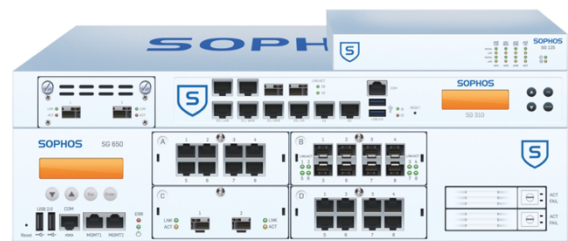


# XG Firewall

## What's New in v16



## Control Center and Navigation

### Enhanced Control Center Widgets

Several widgets have improved flip-card views or drill-down results including Reports, Interfaces, and Security Heartbeat.

### Left Navigation

Left navigation has been expanded to improve access and gain consistency with Sophos Central. Menu items are grouped logically on the left side by task or activity.

### Tab-based 2<sup>nd</sup> Level Navigation

Second level navigation is now tab-based enabling quicker 2-clicks-to-anywhere access to most frequently used configuration options. (Note: final tab layout and organization is still being worked on for a subsequent beta build)

## Firewall, Network and Device Configuration

### Firewall hostname

You can now assign a custom hostname to your firewall.

### Cloning

Enables easy cloning of existing firewall rules, objects and policies.

### Policy routes

Route select traffic to a custom gateway based on source, destination or layer-4 service.

### Firewall to Firewall RED Tunnels

Site-to-site RED tunnel support. Note that tunnels between SG UTM 9 and XG Firewall are not yet supported but this is planned before GA.

### Country filtering improvements

Streamlined of implementing country or continent based filtering in firewall rules.

### NAT Business Rule Creation

Improved DNAT, Full NAT, and server load balancing rule creation.

### DHCP Server and Relay

Support for concurrent DHCP Server and Relay configurations at the same time.

## Authentication and Diagnostics

### Two-factor Authentication

Improved access security with support for OATH-TOTP one-time passwords directly on the firewall eliminating the need for a separate 2FA solution. Support for IPSec, SSL VPN, User Portal, and WebAdmin access. We recommend using the free Sophos authenticator app for iOS and Android.

### STAS (Sophos Transparent Authentication Suite) UI

STAS configuration has been added to the GUI enabling easy setup without requiring the CLI.

### Direct Live Log Viewer Access

Open the live log viewer in a separate window directly from the Control Center using the magnifying glass at the top of any screen.

### Live Log Viewer Enhancements

An improved live log viewer which conveniently opens in a new window, with a 5-second refresh option, and color coded log lines – as well as a live packet filter packet level drill-down enabling easier real-time insights, visibility, and trouble-shooting.

## Web

### Redesigned Web Policy Model

Flexible new user and group policy creation and in-line editing tools with inheritance that makes web policies more intuitive and easy to maintain while dramatically reducing firewall rule count in many situations.

### Warn action

A new web filtering action in addition to Block or Allow that enables users to proceed to websites only after acknowledging a warning that the site belongs to an inappropriate or undesirable category. This option can be ideal in situations where user education, awareness, and monitoring is desired without strictly prohibiting access.

### Unscannable content handling

Options to allow or block content that cannot be scanned due to encryption or containers.

### Google Apps control

Limit access to a selected Google Apps domain to reduce the risk of data loss from users transferring documents to their personal Google Apps.

### Creative Commons Enforcement

Reduce the risk of exposure to inappropriate images by enforcing search engine filters for content with a Creative Commons license.

## External URL lists

Import external URL lists that require enforcement in certain organizations or jurisdictions.

## Email

### Per domain routing

Route incoming mail to the correct destination server, based on the target domain.

### Full MTA – Store and forward support

Enable business continuity, allowing the firewall to store mail when target servers are unavailable.

### Spam features (HELO/RDNS)

Added anti-spam technology to identify non-legitimate mail sending servers.

### SPX reply portal

Enable recipients of SPX encrypted emails generated by the Firewall to reply securely using a portal on the Firewall to draft and send a response.

## Synchronized Security

### Missing Security Heartbeat

Enables the Firewall to detect when a previously healthy Endpoint is generating network traffic with a missing Security Heartbeat and automatically identify the system and respond. This may be an indication the Endpoint AV has been tampered with or disabled.

### Real-time Application Visibility

Enables the Firewall to solicit information from the Endpoint to determine the application responsible for generating uncategorized network traffic. This is valuable for gaining insights into network traffic that is unrecognized by other Firewall solutions.

### Destination-based Security Heartbeat

Enables the Firewall to limit access to destinations and servers based on the status of their Heartbeat further bolstering protection from potentially compromised systems until they can be cleaned up. Combined with regular Heartbeat policy enforcement, this can effectively isolate a compromised system completely - both inbound and outbound.

## Deployment and Hardware

### Microsoft Azure Platform Support

Support for deployment in Microsoft Azure as a preconfigured virtual machine from the Microsoft Azure Marketplace with pay-as-you-go or bring-your-own-licensing (BYOL) pricing and licensing options.

## High Availability Enhancements

HA support for configurations using dynamic (DHCP/PPPoE) interfaces.

## Improved Security Audit Report

Improved layout, presentation and information for the customer facing Security Audit Report provided after a TAP-mode or Inline-mode Proof-of-Concept deployment.

## RED 15w Support

Adds support for the RED 15w with integrated wireless.

## AP 15C Support

Adds support for the entry-level AP 15C ceiling mount access point.

## Issues Addressed

### Open Issues Addressed

In addition to new features, this release has closed hundreds of open issues identified since the release of v15 across all areas of the product.

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