

Symantec™ Secure Web Gateway(SWG) & ProxySG

The Benefits of Upgrading to the New Hardware Platform



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Why Upgrade?

Symantec has delivered new, advanced Secure Web Gateway appliances that separates the traditional appliance into individual hardware and software components. This allows new enterprise licensing and ensures the customer can deploy as they see fit - on-premises, in the cloud or a blended solution.

This new advanced hardware will replace current Symantec ProxySG and Reverse Proxy appliances.

Benefits of New SWG Hardware

- **Separation of Hardware and Software**
- **Flexible Licensing and Portability**
- **Easier Scalability**
- **Significantly Higher Performance**
- **Simplified Configurations**
- **Hardware Consolidation**
- **Reduce Data Center Costs**





What is SWG?

SWG stands for Secure Web Gateway, a market category term. It represents Symantec's family of web security products built on an advanced proxy architecture and delivered on-premises, in the cloud, as a hosted service or any combination of these. Symantec ProxySG is the core component for on-premises deployment (physical and virtual appliances) and Web Security

Service (WSS) for cloud-delivered, web security. Some of these advanced features within the SWG family may be offered as an integrated solution, or as a separate, complementary solution.

What is ProxySG?

ProxySG consolidates a broad feature-set that protects customers from the ever-increasing sophistication and volume of threats in web traffic. Sitting between users and their interactions with the Internet, ProxySG inspects content to identify malicious payloads and then filter, strip, block or replace web content to mitigate risks and prevent data loss. ProxySG can be deployed on-premises and managed by a customer via an appliance or virtual appliance.

Customers can also deploy it in public or private clouds (Google, AWS, Microsoft). Similar services (driven by ProxySG code) are also available as a hosted service through Web Security Service.

Secure Web Gateway

The Secure Web Gateway secures the enterprise and their users from multiple connection points to the internet and any cloud-hosted applications or data. Built with deployment scalability and flexibility, the Secure Web Gateway offers a variety of Symantec security technologies for Enterprises to deploy on-premises, in the cloud, as a hosted service or any combination of these.

Security Technologies

-  **Proxy**
-  **Threat Protection**
-  **Web Isolation**
-  **CASB**
-  **Other ...**

Deployment Options

-  **Appliance**
-  **Virtual / IaaS**
-  **Dedicated Cloud**
-  **SaaS**

What are the benefits of the new hardware?

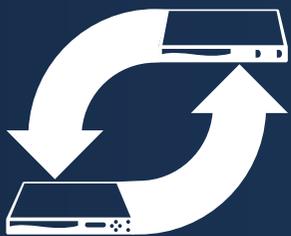
Compared to the previous S-Series appliances, this new hardware platform offers significant performance improvements, deployment flexibility, greater scalability and cost savings.

It separates the hardware purchase from the software purchase, which enables the adoption of new enterprise licensing so customers can choose how they deploy the software – on-premises, as a virtual appliance, or in the cloud.



The new hardware provides:

- **Separation of Hardware and Software** – This separation optimizes the customer’s upgrade experience as hardware and software components may follow separate upgrade paths and enhancements can be adopted more quickly.
- **Flexible licensing and portability** – The new hardware supports the new enterprise licensing.
- **Easier scalability** – Add capacity as needed, where and when you need it.
- **Significantly higher performance** – The new hardware will deliver up to 5 Gbps of throughput with 90% of web traffic being SSL encrypted.
- **Simplified configurations** – From 30 hardware appliance models (10 ProxySG, 10 Standard Reverse Proxy, 10 Advanced Reverse Proxy) down to just four, without the need of upgrade kits. These four models will also replace Content Analysis and Advanced Secure Gateway appliances in the future for further simplification.
- **Hardware consolidation** – With the highest model SWG hardware, customers can achieve the same performance in 1U of rack space as they could in 8U of rack space using the previous SWG hardware (current SGS500 appliances are 2U) - up to an 8X performance per rack unit improvement.
- **Reduce Data Center Costs** – With reduced footprint, customers can reduce requirements for rack space, power, cooling and management.



What appliances does the new hardware replace?

The new hardware initially replaces the ProxySG Appliances (Reverse Proxy and Web Application Firewall included). In the future, other SWG components will be able to run on this new, advanced hardware. Stay Tuned!

The new SWG hardware (SSP-S410) will replace the following hardware:

Figure 2:

Hardware Initially Replaced by the SSP-S410

S200 Series	S400 Series	S500 Series
SG-S200-10	SG-S400-20	SG-S500-10
SG-S200-20	SG-S400-30	SG-S500-20
SG-S200-30	SG-S400-40	SG-S500-30
SG-S200-40		

Figure 3:

SSP S410-40 offers eight times the performance for each unit of rack space.



Future announcements will be made regarding Content Analysis and Advanced Secure Gateway hardware replacement details. Stay tuned.

Symantec is committed to securing your network and protecting your users, data and business from advanced threats. To upgrade your hardware for greater efficiencies or to explore moving to a cloud-based or hosted SWG solution, contact your Symantec representative or authorized partner.

Online Resources:

[Secure Web Gateway](#)

[SWG Product Brief](#)



For more product information: broadcom.com

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