Blue Coat SWG VA-100

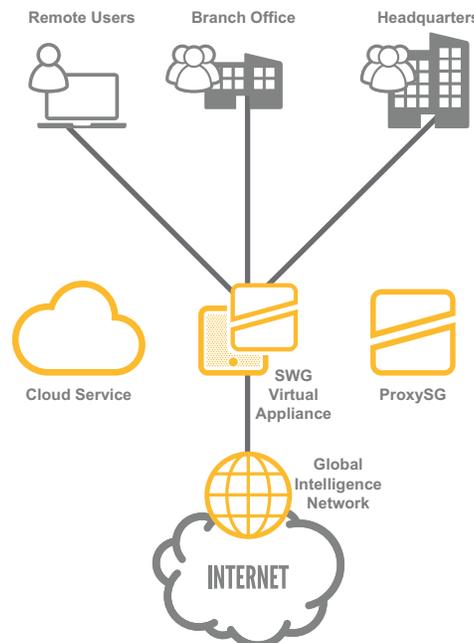Unified Web Security, Virtualization, and AWS Support

The Blue Coat Secure Web Gateway Virtual Appliance (SWG VA) combines the market-leading security capabilities of Blue Coat ProxySG with the flexibility of virtualization and support for Amazon Web Services (AWS) to provide a cost-effective enterprise branch office solution and on-demand web security with AWS. Part of Symantec's Integrated Cyber Defense, the Symantec SWG Virtual Appliance allows businesses to support web security and other critical remote office infrastructure on a common platform, reducing costs and IT resource requirements and take advantage of the flexible deployment options with AWS.

Web 2.0 Security and Control

Enterprises are constantly challenged to keep up with the increasing volume and sophistication of web threats. The same challenge is now compounded by the rapid enterprise adoption of mobile and Web 2.0 applications, such as social networking, content streaming, blogs, media downloads and cloud-based apps, which are all prime targets of modern malware.

Compounding the risks are the business challenges many enterprises face at the branch offices and in their AWS infrastructure. Reduced on-site IT staff, offices dispersed around the globe, time-zone differences and shipping logistics are just few of the challenges that can easily create security gaps that modern malware can exploit.

Symantec's Integrated Cyber Defense is uniquely designed to offer a comprehensive, enterprise-wide web security solution that can help close network security gaps and protect users wherever they work. SWG VA extends the same rich policy controls in

Remote Users   Branch Office   Headquarters

Cloud Service   SWG Virtual Appliance   ProxySG

Global Intelligence Network

INTERNET

SWG VA solution can be deployed together with other products within the Blue Coat Unified Security Solution. The Global Intelligence Network powers all Blue Coat Security Products (ProxySG, VA and Cloud).

ProxySG to the branch environment and to AWS infrastructure. With unified reporting that provides a single pane of glass visibility across all users, and centralized management through the Blue Coat Director, the SWG VA solution allows enterprises to seamlessly extend full protection and control to their branch offices and AWS infrastructure.

The SWG VA includes Symantec WebFilter, which is backed by the Symantec Global Intelligence Network providing a network effect from our more than 15,000 customers and their millions of users. With the Global Intelligence Network, customers benefit from the same high level of protection regardless of how their Symantec solution is deployed, e.g., ProxySG at corporate headquarters, virtual appliance at remote offices or in the AWS infrastructure, or cloud services for field workers. With Symantec, every customer is protected with industry-leading, real-time security against the latest malware, multi-dimensional categories and granular application controls.

Negative-Day Defense

For years, many considered a zero-day defense to be the best security available. However, while zero-day solutions can react extremely quickly to malware attacks, they still must wait for an attack to launch before acting on it. Distributed enterprise is particularly at risk since an attack at one branch office can quickly spread across the entire enterprise network. Symantec has effectively made zero-day defense obsolete with negative day defense.

At any given time, Global Intelligence Network monitors over 1500 malware delivery networks (malnets), which are often used to launch attacks and spread malware. By constantly monitoring the world's largest source of malware, delivering as much as 2/3 of all malware to users, Symantec can identify suspicious behavior and proactively block attacks at the origin. With Negative-Day Defense, Symantec's Integrated Cyber Defense can proactively defend against malicious attacks before they launch.

Simple Deployment

Deploying physical security appliances is a challenge at remote offices with little space or onsite IT support. Not only do appliances take up highly valuable space, administrators must also learn how to deploy and manage unique appliance hardware.

The SWG VA greatly simplifies the deployment of Secure Web Gateway solutions by enabling hardware consolidation and alleviating much of the IT administrative overhead. Running on VMWare ESX and ESXi, SWG VA shares the same server hardware with other virtual appliances, which significantly streamlines and accelerates the SWG deployment process. As a result, deployment that once took days can now be completed in just hours.

Optimize IT Resources

Many enterprises are electing to consolidate IT staff and reduce on-site staff at remote offices. As a result, fewer administrators are available to handle remote office administration, including network security, network infrastructure and endpoints/laptops. Staff reduction is all part of the ongoing enterprise effort to control costs by doing more with less.

With SWG VA, IT administrators can focus on managing the application rather than the entire appliance, better utilizing the administrator's time. Now, even the once-complex task of expanding the network to support additional users — a task that once involved installation of new appliances — can be accomplished with simple license upgrade.

Accelerate Disaster Recovery

Instead of duplicating all network and security infrastructure for redundancy, enterprises often rely on rapid support to provide business continuity at remote offices. Even with this approach, enterprises often face delays due to the logistics and overhead to migrate to a new system.

With SWG VA, enterprises can quickly bring up a SWG deployment in case of disaster recovery, and even leverage a backup image of the solution.

Proven Support with BlueTouch

When managing multiple remote and branch office locations it is imperative that your security administrator have access to qualified technical resources. Symantec BlueTouch Services offers this through 24/7 technical and online support, customer care, service options, training services and professional services.

An experienced and certified technical support staff is available at six interconnected support centers worldwide to rapidly respond to and solve support requests. BlueTouch support service options protect your business by providing access to software updates and helping to smoothly manage your business and IT operations. Symantec training and professional services are also available to bring your administrator quickly up to speed and provide customized consulting support.

SWG VA-100	
LICENSE	
USER LICENSE OPTIONS	25, 50, 100, 500, 1000, 2500
UPGRADES	Available to any larger license
DURATION	1 and 3 years
REQUIRED HARDWARE SPECIFICATIONS	
CPU	Single Core
MEMORY	4GB
VIRTUAL DISKS	Two
DISK CAPACITY	200 GB per Disk
SUPPORTED PLATFORMS	
VMWARE[2]	ESX and ESXi version 4.x and 5.0
MICROSOFT	Hyper-V Windows Server 2012 R2
AMAZON WEB SERVICES[3]	
PERFORMANCE[1]	
THROUGHPUT	100 Mbps
MAX CONNECTION	10,000 HTTP Connections[4]
SUPPORT	
SW SUPPORT	Included in User License
CERTIFICATION	
VMWARE	VMWare-certified
FEDERAL CERTIFICATION	Please contact: Federal_Certification@bluecoat.com

[1] Performance data based on 2.67 GHz Xeon processor and ESX version 4.1. Individual performance may vary.

[2] Minimum SGOS version SGOS 6.4

[3] Minimum SGOS version SGOS 6.6

[4] Maximum connections will vary with user licenses. Please refer to the sizing guide for details.