

ProxySG™ with Web Virus Scanning

High performance, Real-time Virus Scanning of Web Content

ProxySG with Web Virus Scanning enables organizations to:

- Improve corporate security by scanning for viruses and malicious mobile code that utilizes HTTP-based services
- Interoperate with Symantec and Trend Micro virus scanning solutions using the ICAP protocol
- Provide complete policy-based control over high performance Web virus scanning
- Perform regular and automated health checks to determine availability of virus scanning servers for easier troubleshooting
- Define cluster of ICAP servers and utilize load balancing to optimize performance
- Provide content scanning, filtering, and repair service for Internet-based malicious code
- Dynamically scan and change Web content
- Integrate additional solutions such as content filtering, IM controls, Web proxy and more

As technology evolves, so do technology-based threats. Email and Web access, critical applications for today's connected businesses, provide a new set of open doors into corporate networks. Virus scanning at the Internet access point plays a critical role in network security by removing harmful content at the security perimeter – before it enters and infects the network. Just as organizations deployed virus scanning on corporate email systems to secure SMTP-based services, there is a need to deploy virus scanning solutions to protect against new Web-based threats that utilize HTTP-based services.

Web viruses and malicious code are finding their way into corporate networks on the very protocols that firewalls permit into an organization's network. Virus developers target protocols such as HTTP because they understand that it is essentially an allowed protocol in most corporate networks. And, because the firewall was designed to operate at a packet level, it is not well suited to handle these new threats hidden across multiple packets of a given Web object or content type.

Why Use ProxySG to Virus Scan Web Objects?

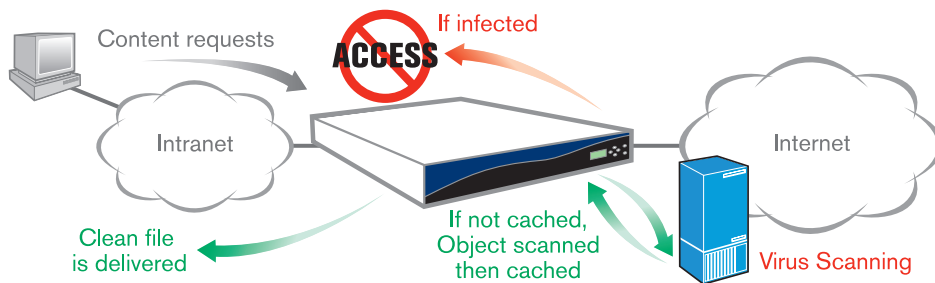
Enterprise-class Device - Delivered as an optimized appliance, the ProxySG is easy to install and administer. The ProxySG runs on a purpose-built, secure operating system specifically designed to provide the fault tolerance, scalability and performance required for the largest virus scanning operations. With integrated caching, ProxySG provides a "scan once, serve many" methodology to increase performance of HTTP virus scanning.

Better Policy Granularity - The ProxySG appliance allows an administrator to easily configure customized, corporate-wide access policies governing the use of scanned objects. At the core of the solution is Blue Coat's patent-pending Policy Processing Engine™, which provides scalable, policy-driven controls that can be easily applied across the enterprise. Using the BlueView™ Visual Policy Manager, administrators can quickly deploy sophisticated policies that integrate with existing virus scanning servers.

Most Extensible Platform - Because it is built on a high-performance proxy cache foundation, the Blue Coat ProxySG delivers virus scanning, unsurpassed content filtering, Web usage monitoring, IM control and bandwidth management features – allowing centralized management of all Internet communications.

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Blue Coat ProxySG allows organizations, in conjunction with leading virus-scanning products, to provide a policy-based approach to virus scanning of Web content.



There are a number of issues and concerns in allowing non-scanned Web objects on the corporate network. For example:

- Increased support costs resulting from the introduction of Web borne viruses onto the corporate network
- Destruction of data and financial loss from viruses that enter because of non-scanned content
- Decline in user productivity resulting from network downtime

Blue Coat Systems has developed strategic partnerships to complete its Web traffic virus scanning offerings. The company has strategic partnerships with Symantec (Anti-virus Scan Engine 4.0), Trend Micro (Interscan Web Protect 1.5), Webwasher 4.4 and Finjan (SurfinGate 7.0). Leveraging the Internet Content Adaptation Protocol (ICAP), the partnerships include joint development, testing and marketing of Web virus solutions. For the first time, organizations have complete policy-based control over high performance Web virus scanning. For example, administrators may choose to have data deemed safe, like images from trusted sources, not vectored to the virus servers for scanning. Other data requested from internal sites could be sent to a service for light scanning, while all other content could be sent to a second virus scanning service for deeper inspection.

Blue Coat's Web virus scanning solution is fully optimized within the ProxySG family of secure proxy appliances. It provides comprehensive control, logging and reporting of all scanned traffic while delivering a single point of management for additional services. With Blue Coat, organizations can leverage their existing security infrastructure and the power and flexibility of Blue Coat's secure proxy appliance to stop Web threats in their tracks.

Key Features:

ICAP Service Definition

Create groups of ICAP servers with assigned weights to distribute traffic loads

Auto Sense Settings

Quickly obtain settings from existing ICAP servers to avoid tedious configuration

Content Stripping

Define policy for uploaded and downloaded content based on file or MIME type

Patience Page

Create a customized message instructing the user to be patient while a large object is being scanned for the first time

Policy Processing Engine

Patent-pending system enables sophisticated, granular policies based on individual users, groups of users, time of day, location, protocol, user agent, content type and other attributes

BlueView Visual Policy Manager

Integrated, browser-based software application with an intuitive, graphical user interface for defining and managing content filtering policies

BlueView Reporter

Provides complete visibility on usage, traffic, content and potential breaches

Extensible Platform

Easily upgraded to support additional services including content filtering, Web virus scanning and Web proxy