

JUNIPER NETWORKS FIREWALL/VPN WITH REDIRECT WEB FILTERING

Market-Leading Protection with Websense Web Security

Challenge

Internet access in the workplace has become a critical business tool but has exposed employees and businesses to threats and security risks such as spyware, phishing and malicious mobile code attacks.

Solution

Juniper firewall/VPN appliances with Redirect Web Filtering features Websense Web Security, recognized as the leading Web security solution by IDC (December 2007) can protect businesses from these complex blended security threats while also helping to optimize employee productivity by restricting access to inappropriate websites and content.

Benefits

- Reduce the time and resources required to manage and repair infected computers by preventing access to infected Internet websites
- Gain granular insight into Internet usage that can be used to form or edit security policy
- Preserve bandwidth and enhance productivity by restricting access to applications such as Instant Messaging and peer-to-peer file sharing, as well as controlling access to traffic-intensive sites such as streaming media.

These days, the Internet is essential and businesses that don't use the Internet are now few and far between. Over the past decade, the majority of companies put in place security measures which, at the time were effective, however threats change, threats evolve, and the way that people use the Internet has also evolved to a point where the security measures that were put in place are no longer truly effective. There used to be two types of websites, good and bad, but given the change in the threat landscape over time this is not true any longer. Now, it is more likely that malicious code is embedded in a reputable, but compromised website rather than in a purpose built hacker website, so the security required for protection against these more complex threats needs to be able to deal with these complications.

The Challenge

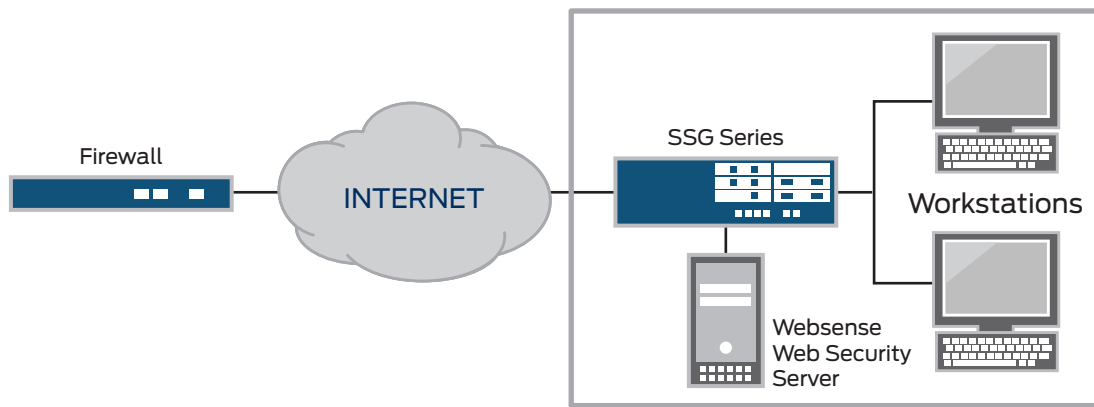
While the Internet has streamlined the flow of information between organizations, it has also enabled numerous distractions and Web-based security threats that must be managed to help ensure a safe and productive computing environment. With the rapid adoption of dynamic Web-based applications such as social networking sites and other Web 2.0 applications where user-generated content can be easily shared, securing the environment has just become even harder.

In 2007, the FBI Computer Crime and Security Survey noted that although 98 percent of companies use antivirus software, 46 percent of them suffered a security incident in the past 12 months. Managing Internet access has truly moved beyond traditional issues related to individual Web surfing and bandwidth concerns into the mitigation of malicious attacks that come from Port 80 and within a browser.

Organizations must now find a way to allow employees to visit business-related websites and utilize business applications while protecting them from non-business and malicious content. This task becomes daunting for IT administrators when considering the many blended threats from legitimate websites and widely accepted applications.

The Juniper Networks Firewall/VPN with Redirect Web Filtering features Websense Web Security Solution

Websense provides software solutions that identify Web-based threats such as spyware or other malicious code that can be missed by some traditional security methods like antivirus. In addition to allowing organizations to transparently monitor, manage and report on internal Web traffic, Websense also delivers unique security benefits that enhance Juniper Networks® firewall solutions. Websense delivers a solution that protects employees from websites that contain malicious mobile code and phishing, blocks spyware and keylogger backchannel communications, and filters URLs to manage employee Internet access. Additionally, Websense's technology enables customers to manage instant messaging and attachments, peer-to-peer file sharing, streaming media and other Web-based applications.



Websense customers are kept up-to-date against the latest threats with updates from Websense Security Labs™. Websense customers are kept up-to-date against the latest threats with updates from Websense Security Labs, A recognized leader in Web and email security research. Websense Security Labs discovers, identifies, classifies, and adapts to content trends on a global scale to protect customers and their essential information. Using the ThreatSeeker™ Network. Websense scans more than 40 million websites for malicious code every hour and parses more than one billion pieces of content daily to provide unparalleled visibility into the state of content on the Internet.

The interoperability between Juniper Networks firewall/VPN with Unified Threat Management (UTM) security platforms and Websense Web Security solution allows customers to use Websense's best-in-class Web filtering and Web security technologies while offering the increased scalability and lower levels of latency provided by Juniper Networks SSG Series Secure Services Gateways.

The Juniper Networks Redirect Web Filtering solution comprises:

1. Industry-leading Websense Web Security solution that includes a Web Security server with flexible policy management (Web-based UI) and dashboard/reporting.

2. Juniper Networks firewall/VPN device that redirects URLs to the Websense Enterprise solution.

Redirect Web Filtering is offered on Juniper Networks SSG Series Secure Services Gateways, which includes the SSG5, SSG20, and SSG140 Secure Services Gateways, as well as the SSG300 line and SSG500 line. The SSG Series gateways have low TCO, provide a high level of network protection, and can be easily deployed and centrally managed. Juniper Networks Redirect Web Filtering is an ideal solution for enterprises and service providers seeking a comprehensive on-premise Web filtering and security service.

In order to use the Redirect Web Filtering service, the customer must first install the Websense Enterprise solution locally and set up the Web filtering and Web security policies, then provide the address of the local solution to the SSG Series. When an employee tries to access a website, the SSG Series relays the URL request to the local Websense Enterprise solution. The Websense solution performs policy and database lookup and returns a block/allow response to the SSG Series for access to the requested URL. The Websense solution also logs the request for reporting purposes. Juniper Networks requires customers to purchase the Websense service directly from Websense.

Features and Benefits

KEY FEATURES	BENEFITS
Security delivered from the #1 Web security vendor (IDC, 2007)	Feel secure that your business is being protected by the experts.
On-premise Web Filtering and Web Security Service	Low-latency, comprehensive security solution for enterprises.
Advanced security filtering	Prevent threats such as spyware, malware and blended threats from compromising your network.
Enterprise scalability	As your business grows, your Websense security solution can easily scale with you.
Granular, drill-down reporting	Understand how your Internet connection is being used, who your biggest users are, and the threats that have been blocked.
Controlled use of applications and protocols on the network	Reduce the risk of a threat entering the network through an unsecured channel.
Backed by Websense Security Labs real-time updates, recognized leader in Web and email security research	Minimizes the window of opportunity for a threat to be successful.

Solution Components

- Websense Web Security or Websense Web Filter
- Juniper Networks firewall/VPN with Unified Threat Management security appliance

Summary—Effective Protection Against Web-Based Threats

Businesses today need protection against the increasingly prolific and complex threats that cannot be effectively addressed by antivirus products. The combination of a Juniper firewall/VPN platform with Redirect Web Filtering (featuring Websense Web Security) can help ensure that customers get the level of protection they need in today's dynamic Internet world. Secure your business today with:

- Award-winning security from the recognized market leader in Web security—Websense
- Protection against threats entering through unknown and unprotected channels such as Instant Messaging
- A solution backed by a recognized leader in Web security research, Websense Security Labs

Next Steps

For more information regarding Websense Web security solutions, contact your local Websense channel partner or visit www.websense.com.

About Websense

Websense, Inc. (NASDAQ: WBSN), a global leader in integrated Web, messaging and data protection technologies, provides Essential Information Protection™ for more than 42 million employees at more than 50,000 organizations worldwide. Distributed through its global network of channel partners, Websense software and hosted security solutions help organizations block malicious code, prevent the loss of confidential information and enforce Internet use and security policies. For more information, visit www.websense.com.

About Juniper Networks

Juniper Networks, Inc. is the leader in high-performance networking. Juniper offers a high-performance network infrastructure that creates a responsive and trusted environment for accelerating the deployment of services and applications over a single network. This fuels high-performance businesses. Additional information can be found at www.juniper.net.

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