SOPHOS LIVE PROTECTION ANTI-MALWARE SOLUTION FOR SRX SERIES

Sophos Live Protection Anti-Malware Provides Fast, Accurate Antivirus and Threat Blocking for branch SRX Series platforms

**Challenge**
Every day, businesses are targeted with malware delivered via routine network traffic. Effective “defense in depth” strategies blend unified threat management (UTM)-capable infrastructure security solutions with PC-based protection. But all too often, UTM solutions have slow performance and frustrate end users.

**Solution**
SRX Series Services Gateways for the branch secure your network from a wide range of cyber threats. Sophos Live Protection Anti-Malware, available as an optional software license, identifies and stops viruses, spyware, and trojans before they reach your users and sensitive data assets.

**Benefits**
Sophos Live Protection Anti-Malware combines cloud-based anti-malware resources with the SRX Series gateway’s on-box horsepower to deliver a lightweight and fast security solution. The result is a highly effective barrier against malware that doesn’t slow down your users or your business.

With today’s substantial malware volume (Sophos identifies over 25,000 newly infected web pages every day), security solutions can no longer rely solely on reactive signature updates. Sophos Live Protection Anti-Malware offers unrivaled protection from viruses, spyware, and trojans with a minimal impact on unified threat management (UTM) performance (CPU, memory, storage). Live Protection Anti-Malware on Juniper Networks® SRX Series Services Gateways blocks websites that host this malware 99.5% of the time. To enhance protection, Sophos Live Protection Anti-Malware also checksums against known viruses. These additional layers of malware protection effectively “threat proof” networks using the SRX Series Services Gateways for the branch. Live Protection Anti-Malware secures Juniper’s network hardware, and, in many cases blocks threats even traditional endpoint security suites won’t catch.

**The Challenge**
Today’s most successful businesses use technology and the network to outsmart their competition. They know that ready Web access is unmatched as an enabler of employee productivity. They rely on local branches and highly mobile workers to make contact where their customers work, learn, and play. In response, traditional “command and control” security restrictions are giving way to more open and fluid models.

While IT professionals strive to accommodate these new business imperatives, the Internet is steadily drowning in dangerous content. Infected web pages, whether purposefully malicious or compromised legitimate sites, are proliferating at an alarming rate. SophosLabs™ finds over 25,000 newly infected web pages every day (1 every 2 seconds). It’s no longer enough to simply monitor the edges of the network at headquarters or to force users to use specific devices at predefined locations. What is needed is a comprehensive, high-performance, anti-malware solution that can deliver real-world protection against web-based threats at any location and for any device.

Unified threat management (UTM) solutions keep danger far from the end user by stopping dangerous traffic before it enters the corporate network. Scanning traffic for malware and updating security devices with new threats is, however, a very complex task. As a result, UTM devices often degrade the user experience and put a limit on returns on investments in technology.
The Juniper Networks Sophos Live Protection Anti-Malware Solution

The Sophos Live Protection Anti-Malware solution from Juniper and Sophos adds a powerful new layer of protection to the SRX Series Services Gateways for the branch. Security professionals can now design robust solutions that detect and remove malware before it reaches the corporate network. Because Sophos Live Protection Anti-Malware uses an innovative blend of on-the-box and in-the-cloud techniques to spot threats, users can have a great networking experience without sacrificing threat coverage or accuracy.

SophosLabs is a global network of threat analysis centers staffed by security experts. Their continual research powers the Live Connection Anti-Malware solution via an online lookup system that dramatically accelerates the distribution of anti-malware intelligence, moving away from traditional scheduled updates to a real-time system that provides quicker response to new and emerging malware threats.

Features and Benefits

Table 1. Juniper-Sophos Solution Features and Benefits

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<th>FEATURE</th>
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| Innovative blend of on-the-box and in-the-cloud resources to detect and stop malware | • Responsive end user experience  
• Suitable for use in even very small locations  
• Instant protection against the most recent threats |
| Global SophosLabs security analysts on duty 24X7 | • Protect against emerging threats with near real-time updates  
• Acknowledged expertise with visibility into threats around the world |
| Integrated into the SRX Series Services Gateways for the branch | • Reduce cost and complexity associated with multi-box solutions  
• Best-in-class routing and security from a single vendor |
Solution Components

- SRX Series for the branch product which includes the SRX100, SRX210, SRX220, SRX240 and SRX650
- One, three or five year subscription for Sophos AV, WF, AS and IDP

Great Protection, Great Performance

Together, Juniper and Sophos have partnered to create a high-performance, highly effective anti-malware solution for UTM systems. No Juniper competitor currently offers a more effective solution to prevent infection. Sophos Live Protection Anti-Malware is available as an option only on Juniper Networks SRX Series Services Gateways for the branch.

Next Steps

To reach Sophos for sales or engineering support or to discuss specific applications, please e-mail juniper@sophos.com.

For more information, see www.juniper.net/us/en/products-services/security/srx-series.

About Sophos

Sophos is headquartered in the UK and USA, with subsidiary head offices in Australia, Canada, France, Germany, Italy, Japan, and Singapore.

Trusted by 100 million users and endorsed by industry analysts as a security leader, Sophos provides a full range of endpoint, encryption, email, and Web security solutions that are simple to deploy, manage, and use. Customers include General Electric, Northrop Grumman, Ford, Philips, Harvard University, Toshiba, Heinz, Orange, Gulfstream, HSBC, Accenture, Marks & Spencer, and Xerox.

About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at www.juniper.net.