HP TippingPoint S6100N Intrusion Prevention System Simplifies and Speeds Service Delivery

Overview
Today's always-on world has increased the need for virtual deployments to improve service availability and flexibility of IT resources. However, each virtual machine (VM) created or moved requires the time-consuming manual application of security policies.

The new HP TippingPoint S6100N Intrusion Prevention System (IPS) enables clients to automatically propagate standard security policies across a data center, campus, branch and WAN. As a result, physical, virtual and cloud deployments are protected as VMs are created or moved on the fly.

The HP Tipping Point S6100N IPS is based on the HP FlexNetwork architecture, the industry's only unified architecture for the data center, campus and branch enabling enterprises to fully harness the power of media-rich content, virtualization, mobility and cloud computing.

A core component of the HP Converged Infrastructure, the HP FlexNetwork architecture ensures that industry-standard protocols are implemented consistently across networked devices. This simplifies and speeds service delivery, enabling clients to improve agility and drive innovation.

Physical and virtual security with one device
The new HP TippingPoint high-performance security solution is the first to protect VMs without adding devices and complexity. It secures VMs automatically, providing consistent, centrally managed protection across the entire FlexNetwork.

Providing up to 60 percent higher performance than the previous generation,[1] the HP TippingPoint S6100N IPS inspects up to 8 Gbps of high-bandwidth application traffic in real time to improve availability of mission-critical services. Two S6100N IPS appliances can be stacked

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together to create a single appliance that inspects up to 16 Gbps of application traffic. Leading the industry in high-performance IPS solutions, a single HP TippingPoint S6100N IPS delivers 100 percent more inspected throughput with 33 percent lower power consumption than comparable offerings from Cisco.[2]

By leveraging the HP TippingPoint Secure Virtualization Framework, the new S6100N IPS security solution delivers advanced security protection for virtualized servers and host machines in any cloud environment. Client benefits include:

— Comprehensive protection from security threats and zero-day vulnerabilities through the filters uploaded to TippingPoint IPS by HP Digital Vaccine Labs (DVLabs), an HP research organization that leads the industry in the number of security threats uncovered.[3]

— Reduced complexity with a common, consistent security framework that spans the physical and virtual environments without adding additional devices.

— Simplified management with enhanced interoperability between HP TippingPoint vController and VMware vShield™ in VMware virtual data centers. The companies' relationship is focused on enabling pervasive security in the cloud by delivering unified security management and by automating the processes of scanning, identifying threats and blocking attacks.

The new solution is part of the growing family of HP security solutions that enable businesses to secure assets with unprecedented speed and simplicity. Solutions include TippingPoint, intrusion prevention systems for network security; ArcSight, protection from cyber security threats and compliance management; and Fortify Software Security Center, securing software from development through operations, across the application life cycle.

HP Converged Infrastructure is key to an Instant-On Enterprise. In a world of continuous connectivity, the Instant-On Enterprise embeds technology in everything it does to serve customers, employees, partners and citizens with whatever they need, instantly.

Pricing and availability

The HP TippingPoint S6100N 8 Gbps IPS device is available worldwide immediately with a U.S. list price of $209,995.[4] More information about HP Networking solutions is available at www.hp.com/networking.

HP's premier client event, HP DISCOVER, takes place June 6 - 10 in Las Vegas and Nov. 29 - Dec. 1 in Vienna, Austria. The event showcases how organizations can get started on their Instant-On Enterprise journeys.

(1)   Internal tests comparing HP S6100N IPS to HP S5100N IPS.
(2)   Internal tests comparing HP S6100N IPS to Cisco IPS 4270.
(3)   HP DVLabs had discovered 12 times more software vulnerabilities than the nearest security solutions vendor. Based on publicly disclosed vulnerability information and "World Vulnerability Research Tracker 2Q 2010," Frost & Sullivan.
(4)   Estimated U.S. list price. Actual price may vary.