

STONESOFT



StoneGate™ Virtual IPS Solution – protects physical and virtual worlds

With the StoneGate Virtual IPS solution, your organization can take full advantage of the benefits provided by virtual server technology with the confidence that your networks will be secure and always available. In addition, you can leverage Stonesoft's expertise with supporting virtual environments since 2002.

The StoneGate Virtual IPS solution functions just like the physical StoneGate IPS appliances – proactively detecting and stopping harmful traffic both inside and outside the perimeter – but in a virtual environment. In addition, the StoneGate Virtual IPS solution features:

- One management platform for both physical and virtual environments, leveraging the power of the StoneGate Management Center
- Ensured secure, resilient, optimized connectivity with patented Stonesoft technologies
- Certified for the VMware™ ESX platform and supports VMsafe™ technology
- Support for a wide range of architectures and virtual platforms

The StoneGate Virtual IPS solution is designed to help your organization maximize the potential cost savings and return on investment from embracing virtualization. Our solutions are all-inclusive. There are no add-on purchases to get the full functionality your organization needs. The architectural modularity of the StoneGate Virtual Security Solutions gives you the flexibility to tailor our solutions to fit specific requirements.

StoneGate™ Virtual IPS

Centralized Management

- Provides one management platform for both physical and virtual environments, leveraging the power of the StoneGate Management Center
- Enables simultaneous role-based administration
- Ensures consistent security policies
- Provides unified monitoring, logging and reporting
- Includes instant reporting tools to quickly drill down to the data
- Provides remote maintenance and upgrade capabilities to eliminate costly on-site visits
- Enables auto-updates and upgrades to reduce administrators' workloads
- Provides multiple alert methods – e-mail, SMS, SNMP trap, custom scripts and automatic alert escalation

Comprehensive Security and Threat Mitigation

- Protects vulnerable applications from network attacks, including client and server vulnerabilities on Windows and Linux/Unix operating systems
- Detects spyware, rate-based DoS, non-rate based DoS, port scans, trojans, worms, protocol anomalies and network transactions
- Includes multiple inspection methods – protocol validation, vulnerability based misuse detection, DoS detection, scan detection and event correlation
- Includes thousands of fingerprints for more than hundred protocols – HTTP, DNS, IMAP, SMB, MSRPC, MYSQL, Oracle, POP3 and others
- Includes customizable fingerprints that utilize regular expression syntax to provide accurate vulnerability protection
- Provides intelligent event correlation to reduce and manage false positives and negatives
- Enables automatic connection termination for detected anomalies or policy violations as an inline device
- Advanced blacklisting and whitelisting capabilities in conjunction with other StoneGate virtual and/or physical appliances
- Hybrid mode IPS uniquely operates in monitoring and/or prevention mode simultaneously on the same virtual machine

Resilient, Optimized Connectivity

- Efficient supervision of network behavior
- Optimization of network business traffic
- Visibility into non-business related traffic to help remove it from the network
- Built-in test system and auto recovery option

System Specifications

- Operating environment: VMware ESX Server 3.5
- Memory requirements: 1024 MB for each StoneGate IPS
- Disk requirements: 2 GB
- Virtual IPS image size: 26 MB
- Supports four (4) physical network interfaces per IPS engine and VLAN tagging 802.1Q



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