

STONESOFT



StoneGate™ Virtual Firewall/VPN Solution – bridges physical and virtual worlds

With the StoneGate Virtual Firewall/VPN 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. Plus you can leverage the expertise of a provider that has been supporting virtual environments since 2002.

The StoneGate Virtual Firewall/VPN solution functions just like our physical StoneGate appliance – protecting servers in the network, preventing attacks and securing data communications with multiple parallel VPNs – but does so in a virtual environment. In addition, the StoneGate Virtual Firewall/VPN 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 Firewall/VPN 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. Our platform's architectural modularity gives you the flexibility to tailor our solutions to fit specific requirements.

StoneGate™ Virtual Firewall/VPN

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

- Denies unauthorized access
- Provides layered defense with network segmentation
- Protects from zero-day exploit environments
- Provides stateful inspection and application-level protection
- Provides redirection of network traffic to anti-virus gateways, Web filtering systems or anti-spam filters

Resilient, Optimized Connectivity

- Includes patented StoneGate Multi-Link™ technology to actively load balance and seamlessly failover multiple connections – no matter what type, or how many
- Provides firewall/VPN clustering up to 16 nodes, active-active with seamless failover
- Enables drop-in-clustering mode
- Provides ISP multi-homing and route optimization
- Includes Quality of Service (QoS) and bandwidth management
- Ensures management high availability up to five (5) servers

System Specifications

- Operating environment: VMware ESX Server 3.5
- Memory requirements: 256 MB for each StoneGate Firewall/VPN
- Disk requirements: 2 GB
- Virtual firewall image size: 35 MB
- User authentication: RADIUS, TACACS+, LDAP(S), Internal LDAP user database
- VPN protocols: IPsec, AES 128, AES 256, DES, 3DES, Blowfish, CAST-128, Twofish, IKE, MD5, SHA-1, PKI (x.509)
- Supports four (4) network interfaces and VLAN tagging 802.1Q



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