Stonesoft

Security Engine Comparison Datasheet

The industry's first transformable security engine

The Stonesoft Security Engine changes how network security is delivered. Unlike traditional security products, the Security Engine is one solution that delivers the adaptability, agility and scalability of a service.

All needed security capabilities and performance improvements are made available and integrated in the Security Engine. That means that not only are you always up to date and protected, you don't have to buy new products when business needs or the threat environment changes.

Instead, you decide, define, choose and configure your own security model – and can change it at any given moment.

Read more at http://securityengine.stonesoft.com/

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APPLIANCE SPECIFICATIONS	NGN-1035	NGN-1065	NGN-1301	NGN-1302	NGN-3202	NGN-3206	NGN-5206
Firewall throughput (UDP 1518 byte)	10 Gbps	20 Gbps	20 Gbps	20 Gbps	50 Gbps	60 Gbps	120 Gbps
VPN throughput (AES-128-GCM)	1.2 Gbps	3 Gbps	2 Gbps	10 Gbps	10 Gbps	18 Gbps	18 Gbps
VPN tunnels	20,000	20,000	20,000	40,000	40,000	200,000	200,000
VPN Clients	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Concurrent connections (no inspection)	6 mil	8 mil	10 mil	15 mil	30 mil	30 mil	30 mil
New TCP connections/sec (no inspection)	35,000	100,000	120,000	200,000	300,000	300,000	300,000
64 byte packets per second (no inspection)	1.2 mil	3.3 mil	7 mil	14 mil	24 mil	40 mil	40 mil
VLAN tagging	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Inspection throughput (UDP 1518 byte)	1 Gbps	3 Gbps	8 Gbps	10 Gbps	13 Gbps	30 Gbps	30 Gbps
HTTP inspection (21 kB payload)	400 Mbps	1.2 Gbps	2.5 Gbps	4 Gbps	4.5 Gbps	10 Gbps	10 Gbps
SSL inspection (AES-256)	150 Mbps	450 Mbps	500 Mbps	1 Gbps	1.8 Gbps	3.3 Gbps	3.3 Gbps
Inspected concurrent connections	150,000	1 mil	1 mil	1 mil	4 mil	12 mil	12 mil
Virtual Engines (default/max)	0/5	0/5	5/25	5/25	10/100	10/250	10/250
Anti-Spam	option	option	option	option	option	option	option
Anti-Virus	option	option	option	option	option	option	option
Web filtering	option	option	option	option	option	option	option
Application control	yes	yes	yes	yes	yes	yes	yes
Full inspection	yes	yes	yes	yes	yes	yes	yes
Multi-Link	yes	yes	yes	yes	yes	yes	yes
Server load balancing	yes	yes	yes	yes	yes	yes	yes
Clustering	yes	yes	yes	yes	yes	yes	yes
Fixed Ethernet interfaces	4 x 10/100/1000	4 x 10/100/1000	6 x 10/100/1000	2 x 10/100/1000	2 x 10/100/1000	2 x 10/100/1000	2 x 10/100/1000
10/100/1000Base-T Ports	4 to 12	4 to 12	6 to 14	2 to 10	2 to 26	2 to 26	2 to 50
10GBase-F SFP+ Ports	0 to 2	0 to 2	0 to 2	0 to 2	0 to 6	0 to 6	0 to 12
Module slots	1	1	1	1	3	3	6
Other interfaces	3G modem support	3G modem support	3G modem support	3G modem support	3G modem support	3G modem support	3G modem support
Form factor	1U rack	1U rack	1U rack	1U rack	2U rack	2U rack	3U rack
Dimensions (W x H x D)	426 x 44 x 300 mm 16.77 x 1.73 x 11.81”	426 x 44 x 300 mm 16.77 x 1.73 x 11.81”	426 x 44 x 400 mm 16.77 x 1.73 x 15.7”	426 x 44 x 400 mm 16.77 x 1.73 x 15.7”	437 x 89 x 450 mm 17.2 x 3.5 x 17.7”	437 x 89 x 450 mm 17.2 x 3.5 x 17.7”	437 x 132 x 648 mm 17.2 x 5.2 x 25.5”
Redundant power supply	-	-	-	-	yes	yes	yes
DC power supply	option	option	option	option	option	option	option

Next Generation Security

- **Layer 3 Firewall/VPN - Layer 2 FW - IPS - IDS functionality**
- **Full inspection feature set**
- **Application awareness**
- **SSL/TLS inspection of encrypted Web traffic for both client and server side protection**
- **Integrated Anti-Virus* and Anti-Spam***
  - Content inspection – integrated Web filtering* or redirection of network traffic to external Anti-Virus gateways, Web filtering systems or Anti-Spam filters
- **Granular access control based on user or user group, traffic type, target or source IP address, interface or domain name, time of the day or day of the week**
  - Integrated with Active Directory and other sources to improve blocking decisions
  - Seamlessly integrates with other Stonesoft engines
- **IPv6 support**

Next Generation Availability & Scalability

- **Built-in patented High Availability technologies:**
  - Stonesoft Multi-Link™ technology enables multiple redundant internet links
  - Load balancing of unlimited ISP circuits
  - Seamless VPN loadbalancing and failover across multiple circuits
  - Active/active clustering up to 16 devices
  - Dynamic server load balancing monitors production servers and redistributes traffic to available systemsffic to available systems
- **Remote connectivity with integrated VPN client**
- **Automatic backup connection with 3G**
- **Bandwidth management and Quality of Service (QoS) support**
- **No special network configurations required**

Next Generation Management

- **Single console – complete visibility and proactive control of physical and virtual networks**
- **Third-party event management – monitoring, logging and reporting of switches, routers and security appliances from other vendors**
- **One-step management – automatic blacklisting, automatic policy/rule execution, create once, deploy everywhere policy/rule execution**
- **Accelerated incident management – correlated view of all network activity, powerful data mining engine and sophisticated incident case management tools**
- **Central repository – shared rules for Firewall and IPS, repository backup for disaster recovery, customizable role-based access, domains for managing different environment with one management server**
- **Real-time monitoring and alerting – customizable dashboards and alerting, geographic pinpointing of IP addresses, Web portal for monitoring security from any device**
- **Interactive reporting and compliance – customizable reports, automated report generation and distribution, system auditing and audit trails, comparative analysis of security policies**
- **Rule-base optimization – enhance rule base, eliminate unused/redundant rules, create rules directly from logs**

* Optional feature

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