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StoneGate™ High Availability Firewall VPN Appliance Datasheet

StoneGate™ FW-5100

The StoneGate™ FW-5100 FW/VPN appliance is a firewall solution designed to meet the performance and scalability requirements of data centers, large network central sites, MSP or other operator environments demanding the ultimate 10 Gbit/s capacity. The FW-5100 has up to 18 interfaces providing fast and flexible network segmentation at the perimeter or internal networks requiring high performance.

In these demanding environments StoneGate FW-5100 FW/VPN provides not only reliable data security but also high-availability features, which guarantee continuous information flow. Built-in firewall clustering, server load balancing and the possibility to utilize reserve capacity on overloaded Internet connections guarantee continuous network connectivity.

The robust construction of StoneGate FW-5100 ensures that appliance serves well even in the most demanding environment. Triple redundant power supply units (PSUs) together with duplicate RAID hard drives and fans ensure that the appliance keeps working even if one PSU, or even two, goes down.

StoneGate FW-5100 and all other StoneGate appliances offer comprehensive network security with easy configuration and unified management. This ensures an optimized solution for any geographically dispersed enterprise deployment.

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StoneGate™ FW-5100 Specifications

StoneGate™ Firewall and VPN Specifications

Application-Level Inspection, Stateful Inspection, Packet Filtering, Integrated Operating System, Circuit-level firewall with TCP proxy protocol agent

Firewall Protocol Agents

SIP, FTP, HTTP, H.323, SMTP, SSH, Oracle SQL Net, RSH NetBios Datagram, SunRPC, MS RPC, TFTP, TCP Proxy

VPN Protocols

IPsec, AES 128, AES 256, DES, 3DES, Blowfish, CAST-128, Twofish, IKE, MD5, SHA-1, PKI (x.509)

User Authentication

RADIUS, TACACS+, LDAP(S), Internal LDAP user database

Management

Remote, centralized enterprise management with StoneGate Management Center, Java-based GUI, encrypted and authenticated connections

Automatic Upgrades & Updates

Software upgrades and dynamic updates

Extensive Logging Methods

Direct file archive, advanced filters, traffic recording

Multiple Alert Methods

E-Mail, SMS (text message), SNMP trap, User-defined scripts

Efficient Administration

Multiple administration accounts, simultaneous administration, three different administrator levels

Certifications

Common Criteria EAL4+ (Firewall + VPN + HA v.2.0.5), FIPS 140-2, ICSA Firewall and VPNC IPsec

Safety/EMC Certification

FCC, CE, CB

Network interfaces

Full copper version

18 x 10/100/1000 copper

Fiber version

14 x 10/100/1000 copper + 2 x 1000BASE-SX fiber

10 x 10/100/1000 copper + 4 x 1000BASE-SX fiber

6 x 10/100/1000 copper + 6 x 1000BASE-SX fiber

2 x 10/100/1000 copper + 8 x 1000BASE-SX fiber

10 x 10/100/1000 copper + 2 x 10GBASE-SR fiber (859nm)

10 x 10/100/1000 copper + 4 x 10GBASE-SR fiber (859nm)

Fiber connector type is LC, 10Gbit interface connector type is LC duplex

Performance

Licensed Firewall Performance

9.6 Gbit/s

Licensed VPN Performance

800 Mbit/s

VPN Tunnels

10 000

Concurrent Connections

2 000 000

Connections/sec.

50 000

Features

High Availability

Active/active firewall clustering with up to 16-nodes, stateful failover (including VPN connections), Server load balancing

ISP Multihoming

High availability and load balancing between multiple ISPs (including VPN connections)

Number of protected IPs

Unlimited users

Mechanics

Dimensions (W x H x D)

3U-19" rack unit, 450 x 132 x 647 mm/17,7" x 5,2" x 25.5"

Weight

32,7 kg/72,09 lbs

Power Supply

760W hot swappable redundant PSUs, 100-240V, 50-60Hz, 14/7 Amp

Connectors

4 x USB ports, 1 x serial port,

Robust Design

RAID HDD, easily replaceable fans, heavy-duty construction

Support

Replacement service

15 months or 39 months replacement service for defective hardware

Premium Support

24/7-call logging via Web and phone, two-hour response time, software updates, hardware replacement service

Basic Support

8/5-call logging via Web and phone, next business day response time, software updates, hardware replacement service