

NGS 5792HF Functional specifications

Features	Description
Threat Defense (Anti-Virus / IPS / SSL Traffic Detection)	<ol style="list-style-type: none">1. Provide Clam AV anti-virus engine, the database is up to one million real-time updates, no annual fee2. Built-in one year anti-virus engine3. Provide IPS database with tens of thousands of feature codes, regularly updated and maintained4. IPS feature database will be divided into high, medium and low according to the degree of danger5. Capable of detecting SSL traffic

Firewall protection

1. Actively intercept and block hacking attacks, regardless of DOS, DDOS, UDP Flood attacks
2. QoS, providing guaranteed bandwidth, maximum bandwidth, priority
3. Can limit the amount of bandwidth used by internal source IP and external source IP
4. Provide IPv6 & IPv4 operation dual architecture
5. Equipped with Load Balance (external / internal / group)
6. Provide DNS server service and DDNS service

Potential Risk Detection (Flow Analysis)

1. Provide abnormal IP analysis, detect session volume, upload / download traffic
 2. Can notify, block and record abnormal traffic
 3. Combined with the switch, you can set the intranet collaborative defense and POE scheduling settings
 4. Stop ARP spoofing
 5. Provide switch topology
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Mail Security Management

1. Provide multiple layers of spam filtering mechanisms, including Bayesian filtering, automatic learning, greylisting, fingerprint recognition, black and white lists, and more.
2. Provide message body filtering and spam feature filtering
3. Spam learning sharing
4. Provide mail audit filtering settings, advanced settings and filtering quarantine.
5. Provide client-side spam search Web interface
6. All incoming and outgoing letters can be audited, and quarantine / delete / IP block / copy copy operations can be performed.
7. Provide mail record query

App & Database

1. Provide multiple types of application control, support P2P software / VPN and remote control / audio and video service and VOIP / network service / data sharing and storage / website service / social network / instant messaging / system and update / news media / Shopping Auctions / Entertainment & Arts / Sports & Travel / Diet / Financial Insurance / Gambling & Porn / Games & More
 2. Managers can control by themselves through Policy
 3. Built-in one-year application control database update
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Malicious URL Filtering (URL & Database)

1. Provide URL filtering conditions and database control
2. Can set URL filtering rules by yourself
3. URL blacklist and whitelist, system administrators can control with full URL function and keywords.
4. Built-in URL blacklist database update for one year

User Identification (Radius)

1. Provide native and integrated POP3, Radius, AD
2. Customizable user groups
3. Implement network access policy control
4. Provide relevant authentication records and authentication connection status

Online Record (Content Record)

1. Record all incoming and outgoing mail
2. Email record format is eml file
3. Web browsing history

Load balance

1. Create a continuous network environment
 2. Provide Outbound / Inbound load balancing
 3. Provide load balancing mode of automatic allocation, manual allocation, allocation according to source IP and destination IP
 4. Built-in Smart DNS Server
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VPN secure connection

1. Support Windows VPN Client
2. Support IPSec Tunnel, and can control Server and Client
3. Support IPSec, PPTP, L2TP VPN, SSL VPN secure connection and record
4. Can control VPN connection, and support VPN backup, Auto VPN

Mode of operation

Routing 、 NAT

Threat Intelligence Center and Logs

1. Threat Intelligence Center provides commonly used threat statistics, APP analysis, email analysis charts, IPS analysis, WEB analysis, defense analysis, real-time dynamic session analysis and reports.
2. Provide multiple logs, such as login / logout, installation wizard, system network settings, regulations and targets, network services, advanced protection, IPS, mail management, content logging, VPN, etc. and detailed log search system.
3. For debugging analysis, evaluation of system performance, and proof and tracing basis when illegally invaded

Virtual Server

Supports virtual servers, and passes all traffic from one port to another port without any switches or routing.

HA dual machine backup

Also supports dual-machine backup HA service mechanism

CMS Central Management

1. Manage multiple firewalls and AP devices
2. Support CMS Server & Client
3. Provide real-time monitoring, maintenance and management

Electronic whiteboard

Equivalent to an electronic bulletin board, which is conducive to the use of the Internet to publicize the real-time policy of all employees

Network detection tool

Provides Ping, Trace Route, DNS Query, Port Scan, IP Route, Interface Information, Wake Up, SNMP, etc.

System Management

1. Hardware CPU service interrupt setting
2. Provide HTTPS, HTTPS web management
3. Interface provides traditional, simplified Chinese and English languages
4. Provide system backup, firmware upgrade, automatic backup, firmware download records
5. With restart system and shutdown function
6. UPS uninterruptible power system
7. With VLAN 802.1Q function
8. Support DDNS service, DNS server, SNMP service
9. Support remote recording server
10. Support DHCP Client & Server

other

1. Can be used as SDN equipment, the interface can be customized into multiple zones.
 2. Administrator authority control
 3. Timed hard drive detection and repair
 4. LCM display board
 5. With LAN bypass
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