UTM FIREWALL SPECS

ASIC-Based Standalone Appliance	
GbE RJ45 Ports	42
Internal Storage	64 GB

SYSTEM PERFORMANCE

Firewall Throughput (1518 / 512 / 64 byte UDP packets)	4 / 4 / 4 Gbps
Firewall Latency (64 byte UDP packets)	6 µs
Firewall Throughput (Packets Per Second)	6 Mpps
Concurrent Sessions (TCP)	3 Million
IPS Throughput	2 Gbps
Antivirus Throughput (Proxy Based / Flow Based)	600 / 1,100 Mbps
Virtual Domains (Default / Max)	10

Network Services and Support

Built-in DHCP, NTP, DNS Server and DNS proxy
NTP, DDNS and DNS service
Interface modes: Sniffer, Port Aggregated, Loopback, VLANs (802.1Q and Trunking),
hardware and software switches
Static and Policy rRouting
WAN load balancing with ECMP (Equal Cost Multi-Path) and redundancy
Dynamic routing protocols:
- RIPv1 and v2, OSPF v2 and v3, ISIS, BGP4
Multicast traffic: sparse and dense mode, PIM support
Content routing: WCCP and ICAP
IPv6 Support: Management over IPv6, IPv6 routing protocols, IPv6 tunnelling, firewall and
UTM for IPv6 traffic, NAT46, NAT64, IPv6 IPSEC VPN

User & Device Identity Control

Local user database
Remote user authentication service support: LDAP, Radius and TACACS+
Single-sign-on: Windows AD, Novell eDirectory, Citrix and Terminal Server
Agent, Radius (accounting message), user access (802.1x, captive portal) authentication
PKI and certificates: X.509 certificates, SCEP support, Certificate Signing Request (CSR)
creation, auto-renewal of certificates before expiry, OCSP support
2-factor authentication: 3rd party support, integrated token server with physical, SMS and Soft Tokens
Device Identification: device and OS fingerprinting, automatic classification, inventory management
User and device-based policies

Firewall

Operating modes: NAT/Route and Transparent
Schedules: One-time, Recurring
Session helpers & ALGs: dcerpc, dns-tcp, dns-udp, ftp, H.245 I, H.245 0, H.323,
MGCP, MMS, PMAP, PPTP, RAS, RSH, SIP, TFTP, TNS (Oracle)
VoIP traffic support: SIP/H.323 /SCCP NAT traversal, RTP pin holing
Protocol type support: SCTP, TCP, UDP, ICMP, IP
Section or global policy management view
Policy objects: predefined, customs, object grouping, tagging and coloring
Address objects: subnet, IP, IP range, GeoIP (Geography), FQDN
NAT configuration: per policy based and central NAT Table
NAT support: NAT64, NAT46, static NAT, dynamic NAT, PAT, Full Cone NAT, STUN
Traffic shaping and QOS: shared policy shaping, per-IP shaping, maximum & guaranteed
bandwidth, maximum concurrent connections per IP, traffic prioritization, Type of Service
(TOS) and Differentiated Services (DiffServ) support

VPN

IPSEC VPN:
- Remote peer support: IPSEC-compliant dialup clients, peers with static IP/dynamic DNS
- Authentication method: certificate, pre-shared key
- IPSEC Phase 1 mode: aggressive and main (ID protection) mode
- Peer acceptance options: any ID, specific ID, ID in dialup user group
- supports IKEv1, IKEv2 (RFC 4306)
- IKE mode configuration support (as server or client), DHCP over IPSEC