

Unified Threat Manager

UTM 1.0 Appliances provide the Advanced State full Firewall integrated with L7 Application Control, Intrusion Prevention, SSLVPN, IPSec VPN Web filtering, Users Authentication functionalities.

- ✓ Intrusion Prevention based Snort 2.9.
- ✓ Support for signatures from Snort VRT and Emerging Threat.
- ✓ HTTP/SSL Web Proxy based on Squid 3.1.20
- ✓ URL Filtering with Internet DB from URLBlacklists.com
- ✓ L7 Application Control
- ✓ Open vpn based SSLVPN Gateway
- ✓ Site-to-Site VPN with IPSec



FIREWALL

- ✓ State full Firewall with connections tracking capabilities
- ✓ Dynamic/Static NAT, Port forwarding
- ✓ Prevention of DOS, DDOS & IP Spoofing
- ✓ Bandwidth Control
- ✓ Multicast Forwarding
- ✓ TCP Syn Cookies
- ✓ MAC Filtering
- ✓ QOS/Diffserv marking
- ✓ Content Filtering - Blocking Java/ActiveX/Proxy/Cookies
- ✓ L7 Application Control with 70+ protocols support
- ✓ Transparent Firewall/Routed Firewall mode
- ✓ Use of Policy Objects for Firewall/NAT Policies Configuration
- ✓ Support for multiple firewall zones
- ✓ Zone based security policies

IPSEC

- ✓ Tunnel/Transport Mode
- ✓ IKE Exchange - Main/Aggressive/Base mode
- ✓ DES/3DES/Blowfish/Cast128/AES Encryption
- ✓ MD5/SHA Digest Authentication
- ✓ Pre shared Keys/Certificates/Password Authentication
- ✓ IKE/Diffe Hellman Group
- ✓ AH/ESP Support
- ✓ IPSec/PFS Group Support
- ✓ Traffic Compression
- ✓ Dead Peer Detection

NETWORK

- ✓ DHCP Server Support per Network Subnet/Vlan
- ✓ DNS
- ✓ Static Routes
- ✓ Virtual IP
- ✓ DDNS
- ✓ VLAN/801.q
- ✓ Dual WAN with Wan Failover/Load Balancing (Only Available in SMB Model)
- ✓ Firewall Zones/Port Mapping
- ✓ PPPoE Support

INTRUSION PREVENTION

- ✓ Intrusion Prevention enabling both Signature based Detection and Detailed Protocol Decoders.
- ✓ Support for Automatic Signature Updates
- ✓ Support for Custom Signatures with Intuitive signature configuration wizard
- ✓ Supporting the signatures from Emerging threats/Snort VRT

SSLVPN

- ✓ SSLVPN Solution - Access Gateway Mode
- ✓ SSLVPN Site-to-Site VPN tunnel support
- ✓ Locally managed SSLVPN Client Profiles
- ✓ Two factor Authentication enabling Password/Certificates based Authentication for SSLVPN Clients
- ✓ Use of Pre shared Keys/Certificates for P2P Authentication
- ✓ TCP/UDP Based Tunnels
- ✓ AES/DES/BF/CAST5/RC2 Encryption
- ✓ Traffic compression
- ✓ Tunnel All Traffic mode support on the client side.
- ✓ Supporting up to 25 VPN Clients
- ✓ Support for Mobile VPN Clients
- ✓ Easy to use VPN User Profiles/P2P Policies Configuration.

WEB FILTERING

- ✓ Web filtering with Squid Proxy – Support for URLs/Regular expression based Filtering
- ✓ Categories based Filtering with URL Blacklist service
- ✓ Users/User Groups based Web filtering Policies
- ✓ SSL Proxy
- ✓ Explicit/Transparent Proxy mode support
- ✓ Limiting Http connections per Network/Users/User Groups
- ✓ Filtering based on Web request/response size
- ✓ SSL Control
- ✓ Digest Based Authentication for locally managed Users
- ✓ Web Caching with USB Based Storage
- ✓ Localization Support for Web filtering Blocking Pages.
- ✓ Custom Webfilter Blocking Page support.
- ✓ External Webproxy support.

DEVICE MANAGEMENT



- ✓ WebUI accessible via SSL
- ✓ SSH CLI Access
- ✓ NTP
- ✓ SNMP v1/v2/v3 Support
- ✓ Syslog
- ✓ Provision to update firmware via WebUI
- ✓ Factory Reset
- ✓ Diagnostic Utilities
- ✓ Certificates Management for Web Proxy/SSLVPN/IPSec Services

ANTIVIRUS



- ✓ Onboard ClamAV Engine support.
- ✓ AV Inspection of Web traffic.

REPORTS



- ✓ Log viewer for accessing Syslog logs/Security Alerts
- ✓ Firewall Connections Monitoring
- ✓ DHCP Clients Status
- ✓ VPN Connections Monitoring
- ✓ Graphical reports on System Resources Usage/FW Connections Monitoring/IPS Alerts
- ✓ Web filtering Reports
- ✓ Bandwidth usage report



TECHNICAL SPECIFICATIONS

No of Interfaces	One 1Gbps WAN port & four 1Gbps LAN ports, 1 Console Interface, 1 USB port
Status Firewall Inspection	Yes
Deep packet Inspection	Yes
Signatures Support	~4000 Active Signatures from Snort VRT/Emerging Threats
Application Protocols Detection	70+
Maximum no of Connections	6000
Maximum no of new connections per second	1000
Maximum no of SSLVPN Clients	20
Authentication	X509 Certificates, Internal User DB
Logging	Local log viewer, Syslog
Device Management	HTTPS GUI, SNMP
Hardware	Cavium Octeon Plus 50xx, 2cores
RAM	1 GB

For more information please contact

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