

Endian Mercury

UTM appliance per reti di medie dimensioni



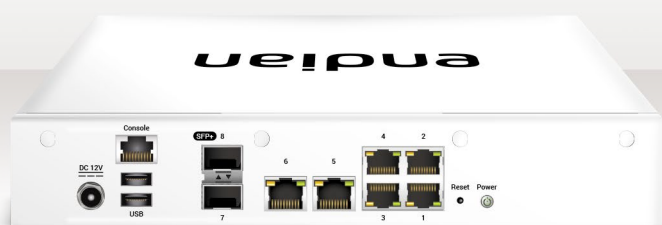
Endian UTM Mercury è un'appliance di cybersecurity con elevatissime performance, in grado di soddisfare le esigenze di reti di medie e grandi dimensioni. Grazie allo storage basato su SSD e connettività 10GbE SFP+, Endian Mercury offre flessibilità e garanzia di funzionamento.

La sicurezza in rete è assicurata da evolute funzionalità di Firewall, filtro Web/Email, IPS/IDS (Intrusion Prevention e Detection), GeoIP e molto altro ancora.

Il nuovo sistema di Maintenance, sviluppato per la massima flessibilità, permette di ritagliarsi una licenza su misura in base alle proprie necessità, da 100 fino a 200 IP.

Highlights

- ✓ Da 100 a 200 nodi
- ✓ 6x Gbit Ethernet
- ✓ 2x 10Gbit Ethernet SFP+
- ✓ 8GB DDR4 RAM
- ✓ SSD 256GB
- ✓ Desktop e Rack 1U (optional)



| Prestazioni* | |
|------------------------------|------------|
| Firewall Throughput | 8.0 Gbit/s |
| VPN Throughput (IPsec & SSL) | 750 Mbit/s |
| IPS Throughput | 750 Mbit/s |
| Antivirus Throughput (Proxy) | 1,0 Gbit/s |
| Web Security Throughput | 1,5 Gbit/s |
| Concurrent Sessions | 1.000.000 |

| Hardware | |
|-------------------------|---|
| CPU | 4 Cores / 4 Threads |
| Memoria | 8GB |
| SSD | 256GB HDDs |
| Networking & Interfaces | <ul style="list-style-type: none"> • 6 x 1GbE RJ-45 • 2 x 10G SFP+ • 2 x USB 3.0 |
| Dissipatore | 1 x Fan |
| Certificazioni | CE, FCC, RoHS |

| Dimensioni e specifiche fisiche | |
|---------------------------------|---|
| Design | <ul style="list-style-type: none"> • Desktop Network Appliance • Rack 1U (optional) |
| Dimensioni dispositivo BxTxH | 260mm x 178mm x 44mm |
| Dimensioni confezione BxTxH | 340mm x 320mm x 140mm |
| Peso (unboxed/boxed) | 2000g / 3000g |
| Alimentatore | 12V DC Power 60W |
| Temperatura operativa | 32°F ~ 104°F (0°C ~ 40°C) |
| Temperatura stoccaggio | -4°F ~ 140°F (-20°C ~ 60°C) |
| Umidità | 10% ~ 80% non condensante |

*Throughput massimo misurato in condizioni di test ideali e utilizzando più flussi attraverso più porte. Le prestazioni effettive possono variare a seconda delle condizioni della rete e dei servizi attivati.

Endian UTM Features

Network Security

- Stateful packet firewall
- Application control (including Facebook, Twitter, Skype, WhatsApp and more)
- Demilitarized zone (DMZ)
- Intrusion detection and prevention
- Multiple public IP addresses
- Multiple WAN
- Quality of service and bandwidth management
- SNMP support
- VoIP/SIP support
- SYN/ICMP flood protection
- VLAN support (IEEE 802.1Q trunking)
- DNS proxy/routing
- Anti-spyware
- Phishing protection

Web Security

- HTTP & FTP proxies
- HTTPS filtering
- Transparent proxy support
- URL blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM single sign-on
- Group-based and user-based web content filter
- Time based access control with multiple time intervals
- Bitdefender Anti-malware Engine
- Bitdefender Content filter Engine
- SafeSearch enforcement

Mail Security

- SMTP & POP3 proxies
- Anti-spam with bayes, pattern and SPF
- Heuristics, black- and whitelists support
- Anti-virus
- Transparent proxy support
- Email quarantine management
- Spam auto-learning
- Transparent mail forwarding (BCC)
- Greylisting
- Bitdefender Anti-spam Engine
- Bitdefender Anti-malware Engine

WAN Failover

- Automatic WAN uplink failover
- Monitoring of WAN uplinks
- Uplink types: Ethernet (static/DHCP), PPPoE, PPTP
- Support for UMTS/GPRS/3G USB dongles

User Authentication

- Active Directory / NTLM
- LDAP
- RADIUS
- Local

Virtual Private Networking

IPsec

- Encryption: Null, 3DES, CAST-128, AES 128/192/256-bit,
 - Blowfish 128/192/256-bit,
 - Twofish 128/192/256-bit,
 - Serpent 128/192/256-bit,
 - Camellia 128/192/256-bit
- Hash algorithms: MD5, SHA1, SHA2 256/384/512-bit, AESXCBC
- Diffie Hellman modes: 1, 2, 5, 14, 15, 16, 17, 18, 22, 23, 24
- Authentication: pre-shared key (PSK), RSA keys
- X.509 certificates
- IKEv1, IKEv2
- Dead Peer Detection (DPD)
- NAT traversal
- Compression
- Perfect Forward Secrecy (PFS)
- VPN Site-to-Site
- VPN Client-to-Site (roadwarrior)
- L2TP user authentication
- XAUTH user authentication

OpenVPN

- Encryption: DES, 3DES, AES 128/192/256-bit, CAST5, Blowfish
- Authentication: pre-shared key, X.509 certificates
- Support for VPN over HTTP Proxy
- PPTP passthrough
- VPN client-to-site (roadwarrior)
- VPN client for Microsoft Windows and Apple OS X
- Possibility of multiple logins per user
- VPN failover
- Multiple server support
- Support for mobile devices (Android, iOS)

VPN Portal for Clientless Connections

- Web-based access to internal resources
- Configurable portal page
- Support for multiple destinations
- Destination-based authentication
- SSL offloading

User Management & Authentication

- Unified user management for OpenVPN, L2TP, XAUTH, VPN Portal
- Group management
- Integrated certificate authority
- External certificate authority support
- User password and certificate management
- Multiple authentication servers (Local, LDAP, Active Directory, RADIUS)
- Fully integrated one-time password (OTP) support
- Let's Encrypt Support

BYOD / Hotspot

- Configurable captive portal
 - Use your website as portal (SurfNow Button)
 - Free access to allowed sites (walled garden)
 - Wired / wireless support
 - Integrated RADIUS service
 - Connection logging
 - Bandwidth limiting based on user, ticket or global settings
 - Social login (Facebook, Google)
 - Social Enabler (sharing on social networks)
 - MAC-address based user accounts
 - Configurable multiple logins per user
 - User accounts import/export via CSV
 - User password recovery
 - Automatic client network configuration (support for DHCP and static IP)
 - Fully integrated accounting
 - Generic JSON API for external accounting and third party integration
 - Instant WLAN ticket shop (Smart-Connect)
 - Single-click ticket generation (Quick ticket)
 - SMS/e-mail user validation and ticketing
 - Pre-/postpaid and free tickets
 - Time-/traffic-based tickets
 - Configurable ticket validity
 - Terms of Service confirmation
 - MAC address tracking for free hotspots
 - Cyclic/recurring tickets (daily, weekly, monthly, yearly)
 - Remember user after first authentication (SmartLogin)
 - Multi-location setup through master/satellite configuration
 - External authentication server (Local, LDAP, Active Directory, RADIUS)
- ## Network Address Translation
- Destination NAT
 - Incoming routed traffic
 - One-to-one NAT
 - Source NAT (SNAT)
 - IPsec NAT traversal

Routing

- Static routes
- Source-based routing
- Destination-based routing
- Policy-based routing (based on interface, MAC address, protocol or port)

Bridging

- Firewall stealth mode
- OSI layer 2 firewall functionality
- Spanning tree
- Unlimited interfaces per bridge

High Availability

- Hot standby (active/passive)
- Node data/configuration synchronization (not for BYOD/Hotspot)

Event Management

- More Than 30 Individually Configurable Events
- Email Notifications
- SMS Notifications
- Powerful Python Scripting Engine

Logging and Reporting

- Reporting dashboard
- Detailed system, web, email, attack and virus reports
- Live network traffic monitoring (powered by ntopng)
- Live log viewer
- Detailed user-based web access report (not in Mini 10 and Mini 10 WiFi)
- Network/system/performance statistics
- Rule-based logging settings (firewall rules)
- Syslog: local or remote
- OpenTSA trusted timestamping

Extra Services

- NTP (Network Time Protocol)
- DHCP server
- SNMP server
- Dynamic DNS

Management / GUI

- Centralized management through Endian Network (SSL)
- Easy Web-Based Administration (SSL)
- Multi-language web-interface (English, Italian, German, Japanese, Spanish, Portuguese, Chinese, Russian, Turkish)
- Secure remote SSH/SCP access
- Serial console

Updates and Backups

- Centralized updates through Endian Network
- Scheduled automatic backups
- Encrypted backups via email
- Instant recovery / Backup to USB stick (Endian Recovery Key)