

Avrestor Avr6100

Yeni nesil Güvenlik Duvarı



Avr6100, büyük işletmeler ve birden fazla şubesi olan şirketler çoğunlukla kritik güvenlik sorunlarıyla karşılaşır. Korumayı yüksek seviyede tutmak için Avrestor size yeter.

Öne Çıkan Özellikler

- 50 kullanıcıya kadar
- 4 ethernet port
- 2 GB RAM
- 16 GB Disk
- Dayanıklı Donanım
- 5651 Loglama
- VPN Desteği
- Multi WAN Desteği
- IDS/IPS Koruması



Performans	Avr450/H
Firewall Throughput	1 Gbit/s
VPN Throughput (IPsec & SSL)	50 Mbit/s
IPS Throughput	120 Mbit/s
Antivirus Throughput (Proxy)	90 Mbit/s
Web Security Throughput	250 Mbit/s
Concurrent Sessions	300,000

Donanım	Avr450/H
Tipi	Masaüstü
Boyutlar	29cm x 18cm x 4.4cm
Ağırlık	1.1 kg
RAM	2 GB
Kapasite	16 GB (1333MHz)
Network	4x Gigabit Ethernet
Fan	2 Adet
Güç kaynağı	60W Dahili
Soğutma	2 Fan
Console	Var
VGA	Var
Donanım Garantisi	2 yıl
Sertifikalar	FCC/CE/RoHS

Avrestor Avr450 Teknik Özellikleri

Network Security

- Stateful paket güvenlik duvarı
- Web Filtrel (Facebook, Twitter, Skype, WhatsApp)
- Demilitarized zone (DMZ)
- Multi WAN ile çoklu internet
- IDS/IPS Koruması
- **NEW** 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
- Panda cloud-based anti-virus
- Cyren URL filter
- 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
- Cyren anti-spam
- Panda cloud-based anti-virus

• **NEW**

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

BYOD / Hotspot*

- Configurable captive portal
 - **NEW** 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)
 - **NEW** 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 Avrestor Network
- Scheduled automatic backups
- Encrypted backups via email
- Instant recovery / Backup to USB stick (Avrestor Recovery Key)

5651 Loglama

- Online ve offline 5651 log imzalama
- Avrestor Logger ile logları yedekleme

* Hotspot özelliği Avr450 cihazında mevcut değildir. Bunun için Avr450H modelini tercih edebilirsiniz.