

antikor v2

Unified Cyber Security System

EPA-CFWM-50 Series NGFW Centralized Management



COMMON CRITERIA
EAL 4+



TRtest

Antikor v2 Unified Cyber Security System EPA-CFWM-50 Series Next Generation Firewall (NGFW) Centralized Management System is a Turkish national product that provides centrally management of all Antikor NGFWs for enterprise networks with enhanced management functions. Centrally monitoring and management becomes easy with flexible configuration, live dashboard and enhanced profile capabilities.

Profile Support

The Antikor NGFW Centralized Management System manages multiple security policies under the name "Profile". Managed Antikor NGFWs can be subscribed to multiple profiles. By this way, it can apply both default security profile and specialized security profiles.

Batch Policy Management

Antikor NGFW Centralized Management System, applies your corporate security policies to the subscribed managed Antikor NGFWs in batches. Displays the reachability status and notifications of the managed Antikor NGFWs on the map.

Performance

Operates your network with maximum performance while executing security functions. Provides enterprise networks security and network requirements easily and highly efficiently by its powerful network stack.

Management

From the Central Management, Antikor® can provide Update Server Service to Antikor NGFWs connected to it, Configuration Template Management, Single Management and Batch Update





Product Specifications

Central Management Features

For Managed Antikor NGFW Systems;

- Configuration Management
- Configuration Template Management
- Update Server Service
- Security Policy and Object Management
- Periodic Configuration Backup
- Access Monitoring the Map
- Tracking Alerts and Notifications
- Communications Encrypted with IPsec Tunnel
- Ability to Manage Singularly
- Profile / Global Configuration Management
- Batch Update Management
- Detailed Audit Logs
- Notification Management
- Authority Management

Network Interface Specifications

- Loopback Interface, IEEE 802.1Q VLAN support
- Link Aggregation:
 - LACP, Failover, Load Balance, Round Robin
- Bridging / STP / Ethernet Bypass
- Virtual Extensible LAN (VXLAN)
- NAT64, IPv6 6to4 Tunneling
- Static ARP

IPsec VPN

- Encryption:
 - AES, CAMELIA, NULL_ENC, SERPENT, TWOFISH
- Authentication:
 - MD5, SHA1, SHA256, SHA384, SHA512, AES
- Wildcard ID Support
- NAT Traversal Support
- PKI - Public Key Infrastructure Support
- PSK - Pre Shared Key Support

Services

- Live Dashboard
- Automated Update System
- Online Update
- Automatic Configuration Backup
- Antikor® Shared Management - Virtual System
- SNMP v2/v3 Service
- Log Timestamping
- TUBITAK Kamu SM - Timestamp Integration
- Syslog - supported formats;
 - RAW, CEF, EWMM, GELF, JSON, WELF, CIM
- LLDP Service

Licensing

High Availability (HA) - Cluster Support	Active-Passive
Number of Addressable CPU Threads	8
Number of Managable Antikor NGFW	50
Number of IPsec VPN Tunnels	50
Maximum Number of Profiles	10

Management Interface Features

- HTML5 Responsive Web Interface
- SSL Certificate based authentication
- 2FA - Two-Factor Authentication
- Customizing the Service Port
- SSH Console
- Physical Console (Monitor, Keyboard)
- Serial Console (If exists on hardware)
- Incident Notification Service
 - SMS, Email, Brower Notification

Authentication Methods

- Mernis
- SMS
- Local User
- HTTP(API)
- LDAP / Active Directory
- RADIUS
- POP3 / IMAP
- TACACS+

Product Certifications

- Common Criteria EAL4+
- TRtest Product Conformity Certificate
- %100 Turkish Made

Routing

- IPv4 / IPv6 Static Routing
- Routing Monitor

Minimum Requirements for Physical Platforms

- Min 8 Core Atom Processor
- Min 8 GB DDR4 2400 MHz RAM
- Solid State Disk
- Intel MultiQueue Server Ethernet Card

Minimum Requirements for Virtual Platforms

- VMware ESXi 6.7 or higher Hypervisor
- Min 8 Core AESNI Enabled CPU
- Min 8 GB Reserved RAM
- At Least 240GB Storage Area (At Least 10000 IOPS with 4KB Blocks)
- Ethernet Cards must be Configured as PassThrough

* Minimum requirements may vary based on system configuration and hardware.

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