epati

antikor v2
Unified Cyber Security System

EPA-CFWM-K1 Series
NGFW Centralized Management

COMMON CRITERIA EAL 4+

TRtest

Antikor v2 Unified Cyber Security System EPA-CFWM-K1 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	16
Number of Managable Antikor NGFW	1000
Number of IPsec VPN Tunnels	1000
Maximum Number of Profiles	200

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

Commom Criteria EAL4+

TRtest Product Conformity Certificate

%100 Turkish Made

Routing

IPv4 / IPv6 Static Routing

Routing Monitor

Minimum Requirements For Physical Platforms

Min 8/16 Core Xeon D2146NT Processor

Min 32 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

At Least 16 Core AESNI Enabled CPU

Min 32 GB Reserved RAM

At Least 480GB 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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