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FortiAnalyzer

Centralized Logging, Analysis, and Reporting

Enhanced Visibility With FortiAnalyzer Platforms

FortiAnalyzer platforms integrate network logging, analysis, and reporting into a single system, delivering increased knowledge of security events throughout your network. They provide organizations of any size with centralized security event analysis, forensic research, reporting, content archiving, data mining, malicious file quarantining and vulnerability management. Centralized collection, correlation, and analysis of geographically and chronologically diverse security data from Fortinet appliances and third-party devices deliver a simplified, consolidated view of your security posture.

The FortiAnalyzer family minimizes the effort required to monitor and maintain acceptable use policies, as well as identify attack patterns to help you fine tune your policies. In addition, FortiAnalyzer platforms provide detailed data capture for forensic purposes to comply with policies regarding privacy and disclosure of information security breaches.

Security Event Information Management

You can put time back in your day by deploying a FortiAnalyzer platform into your security infrastructure, creating a single view of your security events, archived content, and vulnerability assessments. FortiAnalyzer platforms accept a full range of data from Fortinet solutions, including traffic, event, virus, attack, content filtering, and email filtering data. It eliminates the need to manually search multiple log files or manually analyze multiple consoles when performing forensic analysis or network auditing. A FortiAnalyzer platform's central data archiving, file quarantine and vulnerability assessment further reduce the amount of time you need to spend managing the range of security activity in your enterprise or organization.

Vulnerability Management

Fortinet offers an enhanced scanning capability that utilizes a dynamic signature dataset to detect devices on your network, catalog vulnerabilities, and recommend remediation. Additional capabilities include device discovery, mapping, asset definition and prioritization, and customized reporting. An optional Vulnerability Management subscription provides frequent updates developed by the FortiGuard Labs with up-to-date vulnerability scan data to keep abreast of current threats.



The FortiAnalyzer Difference

A FortiAnalyzer platform delivers complete security oversight with granular graphical reporting. Its breadth of data collection functions eliminate blind spots in your security posture. Its unique forensic analysis tools provide you with the ability to discover, analyze, and mitigate threats before perimeter breach or data loss. The FortiAnalyzer system's forensic analysis tool enables detailed user activity reports, while the vulnerability management tool automatically discovers, inventories and assesses the security posture of servers and hosts within the network infrastructure.

FortiAnalyzer systems come with a one-year limited hardware warranty and 90-day limited software warranty.

Features

Benefits

Network Event Correlation

Allows IT administrators to more quickly identify and react to network security threats across the network.

Streamlined Graphical Reports

Provides network-wide reporting of events, activities and trends occurring on FortiGate® and third party devices.

Scalable Performance and Capacity

FortiAnalyzer family models support thousands of FortiGate and FortiClient™ agents.

Centralized Logging of Multiple Record Types

Including traffic activity, system events, viruses, attacks, Web filtering events, and messaging activity/data.

Seamless Integration with the Fortinet Product Portfolio

Tight integration maximizes performance and allows FortiAnalyzer resources to be managed from FortiGate or FortiManager™ user interfaces.

Choice of Standalone, Collector or Analyzer mode

Can be deployed as an individual unit or optimized for a specific operation (such as Store & Forward or Analytics)



FortiAnalyzerOS provides the following features

General System Functions

Profile-Based Administration
 Secure Web Based User Interface for Encrypted Communication & Authentication Between FortiAnalyzer Server and FortiGate Devices
 Mail Server Alert Output
 Connect / Sync FortiAnalyzer SNMP Traps
 Syslog Server Support
 RAID Configurations, Change / View RAID Level
 Support For Network Attached Storage (NAS)
 Launch Management Modules
 Launch Administration Console
 Configure Basic System Settings
 Online Help
 Add/Change/Delete a FortiGate Device
 View Device Groups
 View Blocked Devices
 View Alerts / Alert Events
 Alert Message Console
 View FortiManager Connection Status
 View System Information / Resources
 View Statistics
 View Operational History
 View Session Information
 Backup / Restore
 Restore Factory Default System Settings
 Format Log Disks
 Migrate data from FortiAnalyzer to another Per-ADOM Dashboard

DLP Archive / Data Mining

All Functions of Log Analysis & Reporting with additional tools to detect and analyze data losses
 View by Traffic Type
 View Content Including: HTTP (Web URLs), FTP (Filenames), Email (Text), and Instant Messaging (Text)
 View Security Event Summaries
 View Traffic Summaries
 View Top Traffic Producers

Network Analyzer

Real-Time Traffic Viewer
 Historical Traffic Viewer
 Customizable Traffic Analyzer Log
 Search Network Traffic Logs

Log Analysis & Reporting

View/Search/Manage Logs
 Automatic Log Watch
 Profile-Based Reporting
 Over 300 Predefined Reports plus customization
 Example Reports Include:

- Viruses: Top Viruses Detected, Viruses Detected by Protocol
- Events: By Firewall, Overall Events Triggered, Security Events Triggered, & Events Triggered by Day of Week
- Mail Usage: Top Mail Users by Inbound and

Outbound Web Usage Reports

- Web Usage: Top Web Users, Top Blocked Sites, and Top Client, Attempts to Blocked Sites
- Bandwidth Usage: Top Bandwidth Users, Bandwidth by Day and by Hour, and Bandwidth Usage by Protocol Family
- Protocols: Top Protocols Used, Top FTP Users, & Top Telnet Users
- Wan-Opt log information

 Log Aggregation to Centralized FortiAnalyzer
 FortiClient Specific Reports
 SQL Database Integration
 SQL support for all features – including alerts, dashboard widgets, log viewer, FortiClient, and FortiMail
 SQL Query / Schema tools

Central Quarantine

Configure Quarantine Settings
 View Quarantined Files List
 Quarantine Release API
 Quarantine Summary by type of file, reason it was detected, first and last detected times, total unique quarantine files, and total number of detections for each type and reason

Forensic Analysis

E-Discovery
 Track User Activities by Username, Email Address, or IM Name
 Supports FortiGuard Web Filtering Reports to Show Web Site Access And Blocked Web Sites Per User
 Configurable Report Parameters including: Profiles, Devices, Scope, Types, Format, Schedule and Output
 Customized Report Output
 Reports on Demand
 Report Browsing

Log Browser And Real-Time Log Viewer

Web 2.0 Style, Real-Time Log Viewer
 Historical & Custom Log Views
 Log Filtering, Search, and Rolling
 View Web, Email and/or FTP Traffic
 View Instant Messaging and P2P Traffic
 Filter Traffic Summaries
 Device Summary
 Traffic Reports Including: Event (Admin Auditing), Viruses Detected, Attack (IPS Attacks), Web Content Filtering, Email Filtering, Content (Web, Email, IM)

Vulnerability and Compliance Management Scanning

Basic set of vulnerability signatures included and updates available as optional subscription
 Detect vulnerabilities / recommend remediation Group/report by asset class
 CVE compatibility with search by CVE names
 PCI DSS scans and reports
 Compatibility with SQL log database and report engine
 Unified reporting for FortiGate scan and FortiAnalyzer scan results
 XML API to retrieve IPS Packet Log
 Log Forwarding in CEF Format
 ConnectWise Support
 TACACS+ and SNMPv3 Support

Graphic Reporting

FortiAnalyzer systems empower the network or security administrator with the knowledge needed to secure their networks through a comprehensive suite of standard graphical reports and the total flexibility to customize custom reports. Network knowledge can be archived, filtered and mined for compliance or historical analysis purposes.

Granular Information

The FortiAnalyzer User Interface (UI) enables administrators to drill deep within security log data to provide the granular level of reporting necessary to understand what is happening on your network. Historical or real-time views allow administrators to analyze log and content information, as well as network traffic. The advanced forensic analysis tools allow the administrator to track user activities to the content level.

Real-Time Log Viewer

The ability to monitor network, traffic and user events in real-time or browse historical data for specific events provides powerful insight into network security threats, performance and user behavior.

Supported Devices

- FortiGate Multi-Threat Security Systems
- FortiMail Messaging Security Systems
- FortiClient Endpoint Security Suite
- FortiWeb Web Application Security
- FortiManager Centralized Management
- Any Syslog-Compatible Device



| FortiAnalyzer | 100C | 400C | 1000C | 2000B | 4000B |
|---|--|---|--|---|---|
| Hardware Specification | | | | | |
| Security Hardened Platform | Yes | Yes | Yes | Yes | Yes |
| 10/100/1000 Ethernet | 2 | 4 | 4 | 6 | 2 |
| 10/100 Ethernet | 1 | 0 | 0 | 0 | 0 |
| 1GbE SFP | 0 | 0 | 0 | 0 | 2 |
| Number of Hard Drives | 1 | 1 | 1 (Three Drives Optional) | 2 (Four Drives Optional) | 6 (Eighteen Drives Optional) |
| Total Hard Drive Capacity | 1 TB | 2 TB | 2 TB (8 TB Optional) | 4 TB (12 TB Optional) | 6 TB (24 TB Optional) |
| RAID Storage Management | No | No | No (Yes with Optional Drives 0, 1, 10) | Yes (0, 1, 5, 10, 50) | Yes (0, 1, 5, 6, 10, 50, 60) |
| Redundant Hot Swap Power Supplies | No | No | No | Yes | Yes |
| System Performance | | | | | |
| Standalone Mode Performance (Logs / Sec) | Up to 200 | Up to 625 | Up to 1,000 | Up to 3,000 | Up to 6,000 |
| Data Receive Rate | 800 Kbps | 2.5 Mbps | 4 Mbps | 12 Mbps | 24 Mbps |
| Number of Licensed Network Devices ¹ | 100 | 200 | 2,000 | 2,000 | 2,000 |
| Number of FortiClient Agents | 100 | 2,000 | No Restriction | No Restriction | No Restriction |
| Number of ADOMs Supported | 1 | 10 | 50 | 100 | 250 |
| FortiGate Models Supported | All Models | All Models | All Models | All Models | All Models |
| Dimensions | | | | | |
| Height | 1.75 in (4.4 cm) | 1.7 in (4.4cm) | 1.7 in (4.3 cm) | 3.4 in (8.6 cm) | 6.89 in (17.5cm) |
| Width | 15 in (38 cm) | 17.1 in (43.5 cm) | 17.1 in (43.4 cm) | 17.4 in (44.3 cm) | 19.09 in (48.5 cm) |
| Length | 6.3 in (16 cm) | 14.3 in (36.4 cm) | 24.7 in (62.7 cm) | 26.8 in (68.1 cm) | 27.17 in (69.0 cm) |
| Weight | 4 lbs (1.8 kg) | 14.7 lbs (6.7 kg) | 35.0 lbs (15.9 kg) | 63 lbs (28.6 kg) | 94.5 lbs (43kg) |
| Rack Mountable | Yes | Yes | Yes | Yes | Yes |
| Environment | | | | | |
| AC Power Required | 100 – 240 VAC, 50 – 60 Hz, 1.5 Amp (Max) | 100 – 240 VAC, 50 – 60 Hz, 4 Amp (Max) | 100 – 240 VAC, 50 – 60 Hz, 7.5 Amp (Max) | 100 – 240 VAC, 50 – 60 Hz, 9 Amp (Max) | 100-240 VAC, 50 - 60 Hz, 5.5 - 11.5 Amps (Max) |
| Power Consumption (AVG) | 56W | 100W | 189W | 200W | 420W for 6 HDD |
| Heat Dissipation | 190.4 BTU | 411 BTU | 643.6 BTU | 519 BTU | 1433.7 BTU (6 drives) 2034.6 BTU (12 drives) |
| Operating Temperature | 32 – 104 deg F (0 – 40 deg C) | 50 – 90 deg F (10 – 35 deg C) | 32 – 95 deg F (0 – 35 deg C) | 50-95 deg F (10-35 deg C) | 32 – 104 deg F (0 – 40 deg C) |
| Storage Temperature | -13 – 158 deg F (-25 – 70 deg C) | | -40-149 deg F (-40-65 deg C) | | -13 – 158 deg F (-25 – 70 deg C) |
| Humidity | 5 to 95% non-condensing | 10 to 90% non-condensing | 5 to 95% non-condensing | | |
| Compliance | | | | | |
| | FCC Part 15 Class A, C Tick, VCCI, CE, UL/cUL, CB, NOM | FCC Part 15 Class A, C Tick, VCCI, CE, UL/cUL, CB | FCC Part 15 Class A, C Tick, VCCI, CE, BSMI, UL/cUL, CB, NOM, GOST | FCC Part 15 Class A, C Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST | FCC Part 15 Class A, C Tick, VCCI, CE, BSMI, UL/cUL, CB |

¹A licensed network device is defined as:
 One (1) FortiGate device without Virtual Domain (VDOM) mode enabled,
 or One (1) VDOM if FortiGate device is running in multiple VDOM mode
 or One (1) Third-party SYSLOG compatible device

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