DATA SHEET

FortiAnalyzer™
Centralized logging, analytics and reporting

FortiAnalyzer

FortiAnalyzer 200D, 300D, 1000D, 2000B, 3000E, 3500E, 3900E and FAZ-VM

Centralized logging, analytics and reporting

Comprehensive Visualization of Your Network

FortiAnalyzer platforms integrate network logging, analytics, and reporting into a single system, delivering increased knowledge of security events throughout your network. 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. Organizations of any size will benefit from centralized security event logging, forensic research, reporting, content archiving, data mining and malicious file quarantining.

You can deploy FortiAnalyzer physical or virtual appliances to collect, correlate, and analyze geographically and chronologically diverse security data. Aggregate alerts and log information from Fortinet appliances and third-party devices in a single location, providing a simplified, consolidated view of your security posture. In addition, FortiAnalyzer platforms provide detailed data capture for forensic purposes to comply with policies regarding privacy and disclosure of information security breaches.

Key Features & Benefits

Graphical Summary Reports	Provides network-wide reporting of events, activities and trends occurring on FortiGate® and third-party devices.
Network Event Correlation	Allows IT administrators to quickly identify and react to network security threats across the network.
Scalable Performance and Capacity	FortiAnalyzer family models support thousands of FortiGate and FortiClient™ agents, and can dynamically scale storage based on retention/compliance requirements.
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).
Seamless Integration with the Fortinet Product Portfolio	Tight integration allows FortiAnalyzer resources to be managed from FortiGate or FortiManager™ user interfaces.

Fortinet's Versatile Management Solution

Networks are constantly evolving due to threats, organizational growth or new regulatory/business requirements. Traditional analysis products focus on recording and identifying company-wide threats through logging, analysis and reporting over time.

FortiAnalyzer offers enterprise class features to identify these threats, but also provides flexibility to evolve along with your ever-changing network. FortiAnalyzer can generate highly customized reports for your business requirements while aggregating logs in a hierarchical, tiered logging topology.

Key tenets of Fortinet's management versatility:

- Diversity of form factors
- Architectural flexibility
- Highly customizable
- Simple licensing

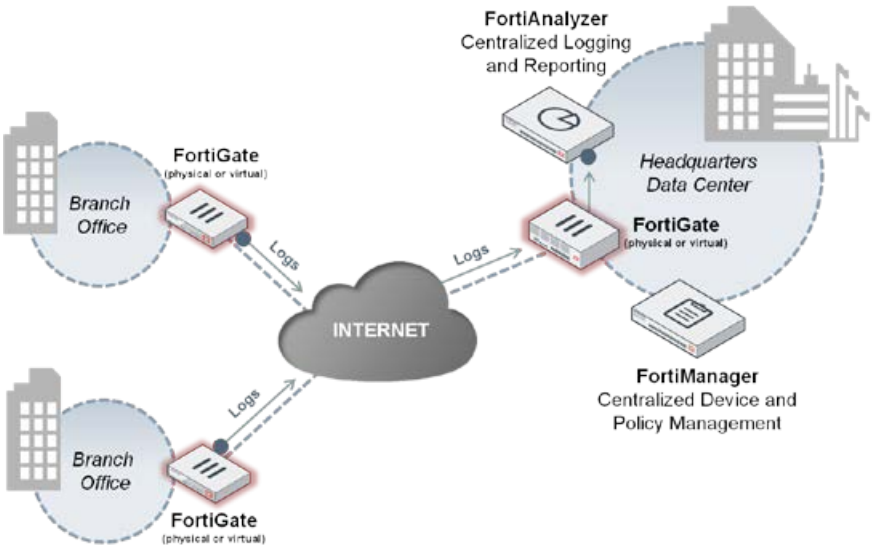
HIGHLIGHTS

Reporting and Visualization Tools

- **FortiView Summary**
  Views Generation ad-hoc graphical, filterable views of top users, applications, destinations, websites, threats, VPN usage and more.
- **Built-in Report Templates**
  Utilize or modify the PDF templates to display colorful, comphrehensive, graphical network security and usage reports.
- **UTM & Traffic Summary Reports**
  Regularly analyze the security profile and traffic/bandwidth patterns with a new consolidated UTM/Traffic report.
- **Event Management**
  Raise and monitor important events to present the IT administrator with unprecedented insight into potentially anomalous behavior.
- **Import/Export Templates**
  After building a report, export and modify the configuration on another FortiAnalyzer or different ADOM.

JSON and XML (Web Services) APIs

- APIs are available on all FortiAnalyzer hardware models and virtual machines
- JSON API — Allows MSSPs/large enterprises to manipulate FortiAnalyzer reports, charts/datasets and objects
- XML API — Enables IT administrators to quickly provision/configure FortiAnalyzer and generate reports
- Access tools, sample code, documentation and interact with the Fortinet developer community by subscribing to the Fortinet Developer Network (FNDN)



Log Viewer

- View logs in real-time or historical
- Select from traffic, event and full security logs
- Browse by device, ADOM or in aggregate
- Log filtering and search capabilities
- Granular inspection with the log details pane
- Intuitive icons for countries, applications, etc.

Event Management

- Comprehensive alert builder
- Trigger off of severity levels, specific events, actions and destinations
- Set varying threshholds by number of events within a certain timeframe
- View or search through historical alerts
- Notify via email/SNMP or raise a syslog event

Better with FortiManager

- Enterprise-class device management
- Familiar GUI for full network control
- Available as integrated solution with FortiAnalyzer

DLP Archiving

- Investigate DLP content archives
- Supported archive types include: email, HTTP, FTP, IM
- View archive text or download files

FortiAnalyzer Supported Devices

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

SPECIFICATIONS

	FORTIANALYZER 200D	FORTIANALYZER 300D	FORTIANALYZER 1000D	FORTIANALYZER 2000B
Capacity and Performance				
GB/Day of Logs	5	15	250	210
Sustained Log Rate (Standalone Mode)	120	200	3,000	2,500
Peak Log Rate (Standalone Mode)*	350	625	5,500	5,000
Devices/VDOMs/ADOMs (Maximum)	150	175	2,000	2,000
Hardware Specifications				
Form Factor	1 RU Rackmount	1 RU Rackmount	2 RU Rackmount	2 RU Rackmount
Total Interfaces	4x GE	4x GE	6x GE, 2x GE SFP	6x GE
Storage Capacity	1 TB (1x 1 TB)	4 TB (2x 2 TB)	8 TB (4x 2 TB)	4 TB (2x 2 TB – 12 TB maximum)
Removable Hard Drives	No	No	Yes	Yes
RAID Levels Supported	None	RAID 0/1	RAID 0/1/5/10	RAID 0/1/5/10/50
Default RAID Level	–	1	10	10
Redundant Hot Swap Power Supplies	No	No	Yes	Yes
Dimensions				
Height x Width x Length (inches)	1.8 x 17.1 x 13.9	1.7 x 17.1 x 14.3	3.5 x 17.2 x 14.5	3.4 x 17.4 x 26.8
Height x Width x Length (cm)	4.5 x 43.3 x 35.2	4.4 x 43.5 x 36.4	9 x 43.8 x 36.8	8.6 x 44.3 x 68.1
Weight	13.4 lbs (6.1 kg)	15.9 lbs (7.2 kg)	30.6 lbs (13.9 kg)	63 lbs (28.6 kg)
Environment				
AC Power Supply	100–240V AC, 50–60 Hz, 6 Amp Max.	100–240V AC, 50–60 Hz, 4 Amp Max.	100–240V AC, 50–60 Hz, 5 Amp Max.	100–240V AC, 50–60 Hz, 9 Amp Max.
Power Consumption (Average)	60 W	162 W	133 W	200 W
Heat Dissipation	205 BTU/h	666 BTU/h	546 BTU/h	519 BTU/h
Operating Temperature	32–104°F (0–40°C)	50–95°F (10–35°C)	32–104°F (0–40°C)	50–95°F (10–35°C)
Storage Temperature	-13–158°F (-35–70°C)	-40–158°F (-40–70°C)	-13–158°F (-25–70°C)	-40–149°F (-40–65°C)
Humidity	5–95% non-condensing	8–90% non-condensing	5–95% non-condensing	5–95% non-condensing
Operating Altitude	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)
Compliance				
Safety Certifications	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB	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	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST

	FORTIANALYZER 3000E	FORTIANALYZER 3500E	FORTIANALYZER 3900E
Capacity and Performance			
GB/Day of Logs	800	3,000	4,000
Sustained Log Rate (Standalone Mode)	15,000	36,000	48,000
Peak Log Rate (Standalone Mode)*	50,000	60,000	75,000
Devices/VDOMs/ADOMs (Maximum)	4,000	4,000	4,000
Hardware Specifications			
Form Factor	2 RU Rackmount	4 RU Rackmount	2 RU Rackmount
Total Interfaces	4x GE, 2x GE SFP	2x GE, 2x GE SFP	2x GE, 2x GE SFP+
Storage Capacity	16 TB (8x 2 TB)	24 TB (12x 2 TB – 48 TB maximum)	15 TB SSD (15x 1 TB SSD)
Removable Hard Drives	Yes	Yes	Yes
RAID Storage Management	RAID 0/1/5/6/10/50/60	RAID 0/1/5/6/10/50/60	RAID 0/1/5/6/10/50/60
Default RAID Level	10	10	10
Redundant Hot Swap Power Supplies	Yes	Yes	Yes
Dimensions			
Height x Width x Length (inches)	3.4 x 19 x 29.7	6.9 x 19.1 x 27.2	3.5 x 17.2 x 26.9
Height x Width x Length (cm)	8.7 x 48.2 x 75.5	17.5 x 48.5 x 69.0	8.9 x 43.7 x 68.4
Weight	71.5 lbs (32.5 kg)	77 lbs (34.9 kg)	52 lbs (23.6 kg)
Environment			
AC Power Supply	100–240V AC, 50–60 Hz, 10 Amp Maximum	100–240V AC, 50–60 Hz, 11.5 Amp Maximum	100–240V AC, 50–60 Hz, 11.5 Amp Maximum
Power Consumption (Average)	375.8 W	465 W for 12 HDD	470 W for 15 HDD
Heat Dissipation	1947 BTU/h	1904 BTU/h	1637 BTU/h
Operating Temperature	50–95°F (10–35°C)	32–104°F (0–40°C)	50–95°F (10–35°C)
Storage Temperature	-40–149°F (-40–65°C)	-13–158°F (-25–70°C)	-40–60°C (-40–140°F)
Humidity	20–90% non-condensing	10–90% non-condensing	5–95% (non-condensing)
Operating Altitude	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)
Compliance			
Safety Certifications	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB

* Peak log rate can hold for up to 2 hours

SPECIFICATIONS

	FAZ-VM-BASE	FAZ-VM-GB1	FAZ-VM-GB5	FAZ-VM-GB25	FAZ-VM-GB100	FAZ-VM-GB500	FAZ-VM-GB2000
Capacity and Performance							
GB/Day of Logs	1 incl.**	+1	+5	+25	+100	+500	+2,000
Storage Capacity	200 GB	+500 GB	+3 TB	+10 TB	+24 TB	+48 TB	+100 TB
Devices/ADOMs/VDOMs Supported (Maximum)	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Hypervisor Support	VMware ESX/ESXi 4.0/4.1/5.0/5.1/5.5/6.0, Microsoft Hyper-V 2008 R2/2012/2012 R2, Citrix XenServer 6.0+, Open Source Xen 4.1+, KVM, Amazon Web Services (AWS))						
Network Interface Support (Minimum / Maximum)	1 / 4						
vCPUs (Minimum / Maximum)	1 / Unlimited						
Memory Support (Minimum / Maximum)	1 GB / Unlimited						

** Unlimited GB/Day when deployed in collector mode

ORDER INFORMATION

Product	SKU	Description
FortiAnalyzer 200D	FAZ-200D	Centralized log and analysis appliance — 4x GE RJ45, 1 TB storage, up to 5 GB/Day of logs.
FortiAnalyzer 300D	FAZ-300D	Centralized log and analysis appliance — 4x GE RJ45, 4 TB storage, up to 15 GB/Day of logs.
FortiAnalyzer 1000D	FAZ-1000D	Centralized log and analysis appliance — 6x GE RJ45, 2x SFP slots, 8 TB storage, up to 250 GB/Day of Logs.
FortiAnalyzer 2000B	FAZ-2000B-E03S	Centralized log and analysis appliance — 6x GE RJ45, 12 TB storage, dual power supplies, up to 200 GB/Day of Logs.
FortiAnalyzer 3000E	FAZ-3000E	Centralized log and analysis appliance — 4x GE RJ45, 2x GE SFP slots, 16 TB storage, dual power supplies, up to 800 GB/Day of Logs.
FortiAnalyzer 3500E	FAZ-3500E-E02S	Centralized log and analysis appliance — 2x GE RJ45, 2x GE SFP slots, 48 TB storage, dual power supplies, up to 3,000 GB/Day of Logs.
FortiAnalyzer 3900E	FAZ-3900E	Centralized log and analysis appliance — 2x GE RJ45, 2x 10 GE SFP+ slots, flash-based 15 TB SSD storage, dual power supplies, up to 4,000 GB/Day of Logs.
FortiAnalyzer VM Base	FAZ-VM-Base	Base license for stackable FortiAnalyzer-VM; 1 GB/Day of Logs and 200 GB storage capacity. Unlimited GB/Day when used in collector mode only. Designed for AWS, VMware vSphere, Xen, KVM and Hyper-V platforms.
FortiAnalyzer VM GB1	FAZ-VM-GB1	Upgrade license for adding 1 GB/Day of Logs and 500 GB storage capacity.
FortiAnalyzer VM GB5	FAZ-VM-GB5	Upgrade license for adding 5 GB/Day of Logs and 3 TB storage capacity.
FortiAnalyzer VM GB25	FAZ-VM-GB25	Upgrade license for adding 25 GB/Day of Logs and 10 TB storage capacity.
FortiAnalyzer VM GB100	FAZ-VM-GB100	Upgrade license for adding 100 GB/Day of Logs and 24 TB storage capacity.
FortiAnalyzer VM GB500	FAZ-VM-GB500	Upgrade license for adding 500 GB/Day of Logs and 48 TB storage capacity.
FortiAnalyzer VM GB2000	FAZ-VM-GB2000	Upgrade license for adding 2 TB/Day of Logs and 100 TB storage capacity.

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