

Specification Sheet

June 2015

McAfee SIEM Appliances



Product	Solution Description	Model Number	Maximum EPS ¹	Appliance Size	Local Storage ²	Network Interfaces (10/100/1000)	System Requirements
ESM-ELM-ERC "All-In-One"	Provides SIEM, Log Management, and Network Analysis functions. Includes McAfee Event Receiver. Provides compliant Log Management and collects data for correlation and analysis by McAfee Enterprise Security Manager.	ESM-ELM-ERC-VM-8	1000	VM	Recommended 250GB	VM (AWS, ESX, KVM)	8 Processor Cores, 4GB of Memory
		ESM-ELM-ERC-VM-12	5000	VM	Recommended 500GB+480GB SSD ³	VM (AWS, ESX, KVM)	12 Processor Cores, 64GB of Memory
		ESM-ELM-ERC-4600	1200	2U	3TB + 480GB SSD	2 ⁴	N/A
		ESM-ELM-ERC-5600	3000	2U	8TB + 480GB SSD	2 ⁴	N/A
		ESM-ELM-ERC-6000	6000	2U	14TB + 480GB SSD	2 ⁴	N/A
Enterprise Security Manager (ESM)	McAfee Enterprise Security Manager provides Log Analysis, SIEM and Network Analysis functions.	ESM-VM-8	1500	VM	Recommended 250GB	VM (AWS, ESX, KVM)	8 Processor Cores, 4GB of Memory
		ESM-VM-12	40,000	VM	Recommended 500GB+480GB SSD ³	VM (AWS, ESX, KVM)	12 Processor Cores, 64GB of Memory
		ESM-VM-32	85,000	VM	Recommended 2TB+800GB SSD ³	VM (AWS, ESX, KVM)	32 Processor Cores, 96GB of Memory
		ESM-5600	60,000	2U	8TB + 480GB SSD	2 ⁴	N/A
		ESM-6000	84,000	2U	14TB + 480GB SSD	2 ⁴	N/A
		ESM-X4	180,000	2U	14TB + 800GB SSD	2 ⁴	N/A
Enterprise Log Manager (ELM)	McAfee Enterprise Log Manager provides Compliant Log Management functions. Requires an ESM and ERC.	ESM-X6	360,000	2U	14TB +3.2TB SSD	2 ⁴	N/A
		ELM-VM-8	1500	VM	Recommended 250GB	VM (AWS, ESX, KVM)	8 Processor Cores, 4GB of Memory
		ELM-VM-12	30,000	VM	Recommended 500GB+240GB SSD ³	VM (AWS, ESX, KVM)	12 Processor Cores, 64GB of Memory
		ELM-VM-32	70,000	VM	Recommended 2TB+480GB SSD ³	VM (AWS, ESX, KVM)	32 Processor Cores, 96GB of Memory
		ELM-4600	48,000	2U	1.8TB	2 ⁴	Requires an ESM and ERC
		ELM-5600	60,000	2U	8TB + 240GB SSD	2 ⁴	Requires an ESM and ERC
Direct Attached Storage (DAS)	McAfee Direct Attached Storage provides high performance storage array for ESM and/or ELM, redundant architecture with RAID controller, mirrored cache, and IO multi-pathing.	ELM-6000	90,000	2U	14TB + 240GB SSD	2 ⁴	Requires an ESM and ERC
		DAS-50	N/A	4U	50TB	N/A	Only for ESM, ELM
Event Receiver (ERC)	McAfee Event Receiver collects 3rd party logs, events and flow data for correlation and analysis by McAfee Enterprise Security Manager.	DAS-100	N/A	4U	90TB	N/A	Only for ESM, ELM
		ERC-VM-8	500	VM	Recommended 250GB	VM (AWS, ESX, KVM)	8 Processor Cores, 4GB of Memory
Advanced Correlation Engine (ACE)	Provides McAfee RSC and Enterprise correlation - identify and score threat events in real time or historical mode, using both rule- and risk-based logic, for McAfee Enterprise Security Manager.	ERC-VM-12	5000	VM	Recommended 500GB	VM (AWS, ESX, KVM)	12 Processor Cores, 64GB of Memory
		ERC-VM-32	15,000	VM	Recommended 2TB+480GB SSD ³	VM (AWS, ESX, KVM)	32 Processor Cores, 96GB of Memory
		ERC-1260	6000	1U	1TB	2 + HA Ports ⁵	Requires an ESM
		ERC-2600	12,000	2U	1.8TB	2 + HA Ports ⁵	Requires an ESM
		ERC-3450	18,000	2U	1.8TB+240GB SSD	2 + HA Ports ⁵	Requires an ESM
		ERC-4600	24,000	2U	3TB+480GB SSD	2 + HA Ports ⁵	Requires an ESM
Application Data Monitor (ADM)	McAfee Application Data Monitor decodes an application session to Layer 7, providing analysis of everything from the protocols and session integrity to the contents of the application itself (such as the text of an email or its attachments).	ACE-VM-12	<30000	VM	Recommended 250GB+480GB SSD ³	VM (AWS, ESX, KVM)	12 Processor Cores, 4GB of Memory
		ACE-VM-32	<80,000	VM	Recommended 500GB+480GB SSD ³	VM (AWS, ESX, KVM)	32 Processor Cores, 64GB of Memory
		ACE-2600	<50,000	2U	1.8TB	2 ⁴	Requires an ESM
		ACE-3450	<100,000	2U	1.8TB+480GB SSD	2 ⁴	Requires an ESM
Database Event Monitor (DEM)	McAfee Application Data Monitor decodes an application session to Layer 7, providing analysis of everything from the protocols and session integrity to the contents of the application itself (such as the text of an email or its attachments).	ADM-VM-8	250 Mbps	VM	Recommended 250GB	VM (AWS, ESX, KVM)	8 Processor Cores, 4GB of Memory
		ADM-VM-12	500 Mbps	VM	Recommended 500GB+240GB SSD ³	VM (AWS, ESX, KVM)	12 Processor Cores, 64GB of Memory
		ADM-1260	500 Mbps	1U	1TB	2 + 4 Monitoring Ports ⁴	Requires an ESM
Database Event Monitor (DEM)	McAfee Database Event Monitor delivers non-intrusive, detailed security logging of databases and applications, monitoring access to corporate and customer data.	ADM-3460	1 Gbps	2U	1.8TB+240GB SSD	2 + 4 Monitoring Ports ⁴	Requires an ESM
		DEM-2600	5000	2U	1.8TB	2 + 4 Monitoring Ports ⁴	Requires an ESM
Database Event Monitor (DEM)	McAfee Database Event Monitor delivers non-intrusive, detailed security logging of databases and applications, monitoring access to corporate and customer data.	DEM-4600	15,000	2U	3TB	2 + 8 Monitoring Ports ⁴	Requires an ESM

¹Based on typical network environments using average event and flow aggregation. Depending on aggregation settings, collection type mix, overall SIEM activity, and related activities, the EPS levels for any given appliance, within an environment, may be lower. ²Usable event and flow data storage capacity will vary by customer event types, event rates, software version, and other factors. ³Minimum 50K IOPS for SSD; additional storage should be a minimum of 100 IOPS. ⁴IPMI: Please note that All McAfee SIEM, appliances except DAS-50 and DAS-100, have IPMI adapters; for ERC HA, IPMI is used for the HA configuration. ⁵These ports can be used for event and netflow monitoring OR are used in the ERC HA configuration

McAfee SIEM appliance specifications and descriptions herein are provided for information only and subject to change without notice, and are provided without warranty of any kind, expressed or implied.

Environmental Hardware Specifications

McAfee SIEM Appliances



Model Number	Dimensions	Input Voltage	Input Frequency	Power Supply	Power Consumption ¹	AMPS (Max)	MTBF	Weight	Altitude (Max)	Temperature (Max)	Altitude	BTU	Humidity
ESM-X6 ESM-X4	2U 3.44" H x 16.93"W x 27.95"L	100/240 VAC	50/60 Hz	750W x 2	721W@110/220 VAC	6.6@110/ 3.3@220	30,000 hrs	54 lbs	-45 to 9,500 Ft	10° to 35° C (operating) -40° to 70° C (non-operating)	-45 to 9,500 Ft (operating) 25,000 Ft (non-operating)	BTU/HR 995	Operating – 10% to 85% (non-condensing) Non-operating – 10% to 90%
ESM-ELM-ERC-4600 ESM-ELM-ERC-5600 ESM-ELM-ERC-6000 ESM-5600 ESM-6000 ELM-4600 ELM-5600 ELM-6000 ERC-2600 ERC-3450 ERC-4600 ACE-2600 ACE-3450 ADM-3460 DEM-2600 DEM-4600	2U 3.44" H x 16.93"W x 27.95"L	110/220 VAC	50/60 Hz	750W x 2	600W@110/220 VAC	5.4@110/ 2.7@220	30,000 hrs	52 lbs	-45 to 9,500 Ft	5° to 40° C (operating) -40° to 70° C (non-operating)	-45 to 9,500 Ft (operating) 45 to 25,000 Ft (non-operating)	BTU/HR 2046	Operating – 10% to 85% (non-condensing) Non-operating – 10% to 90%
ERC-1260 ADM-1260	1U 1.75" H x 17.2"W x 27.95"L	110/220 VAC	50/60 Hz	350W x 1	323W@110/220 VAC	2.9@110/ 1.5@220	30,000 hrs	31 lbs	-45 to 9,500 Ft	5° to 40° C (operating) -40° to 70° C (non-operating)	-45 to 9,500 Ft (operating) 45 to 25,000 Ft (non-operating)	BTU/HR 1100	Operating – 10% to 85% (non-condensing) Non-operating – 10% to 90%
DAS-50 DAS-100	4U 7" H x 17.2"W x 27.5"L	110/220 VAC	50/60 Hz	1400W x 2	472W@110/220 VAC	9.5@110/ 4.8@220	N/A	80 lbs 100 lbs	-45 to 9,500 Ft	10° to 35° C (operating) -40° to 70° C (non-operating)	-45 to 9,500 Ft (operating) 45 to 25,000 Ft (non-operating)	BTU/HR 1609	Operating – 10% to 85% (non-condensing)

¹Power consumption values may vary depending on the individual environment and system usage.