Specification Sheet   McAfee SIEM Appliances

Intel Security

June 2015

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 ESM-ELM-ERC-VM-12 ESM-ELM-ERC-4600 ESM-ELM-ERC-5600 ESM-ELM-ERC-6000	1000 5000 1200 3000 6000	VM VM 2U 2U 2U	Recommended 250GB Recommended 500GB+480GB SSD[3] 3TB + 480GB SSD 8TB + 480GB SSD 14TB + 480GB SSD	VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) 2[4] 2[4] 2[4]	8 Processor Cores, 4GB of Memory 12 Processor Cores, 64GB of Memory N/A N/A N/A
Enterprise Security Manager *(ESM)*	McAfee Enterprise Security Manager provides Log Analysis, SIEM and Network Analysis functions.	ESM-VM-8 ESM-VM-12 ESM-VM-32 ESM-5600 ESM-6000 ESM-X4 ESM-X6	1500 40,000 85,000 60,000 84,000 180,000 360,000	VM VM VM 2U 2U 2U 2U	Recommended 250GB Recommended 500GB+480GB SSD[3] Recommended 2TB+800GB SSD[3] 8TB + 480GB SSD 14TB + 480GB SSD 14TB + 800GB SSD 14TB +3.2TB SSD	VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) 2[4] 2[4] 2[4] 2[4]	8 Processor Cores, 4GB of Memory 12 Processor Cores, 64GB of Memory 32 Processor Cores, 96GB of Memory N/A N/A N/A N/A
Enterprise Log Manager *(ELM)*	McAfee Enterprise Log Manager provides Compliant Log Management functions. Requires an ESM and ERC.	ELM-VM-8 ELM-VM-12 ELM-VM-32 ELM-4600 ELM-5600 ELM-6000	1500 30,000 70,000 48,000 60,000 90,000	VM VM VM 2U 2U 2U	Recommended 250GB Recommended 500GB+240GB SSD[3] Recommended 2TB+480GB SSD[3] 1.8TB 8TB + 240GB SSD 14TB + 240GB SSD	VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) 2[4] 2[4] 2[4]	8 Processor Cores, 4GB of Memory 12 Processor Cores, 64GB of Memory 32 Processor Cores, 96GB of Memory Requires an ESM and ERC Requires an ESM and ERC 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.	DAS-50 DAS-100	N/A N/A	4U 4U	50TB 90TB	N/A N/A	Only for ESM, ELM 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.	ERC-VM-8 ERC-VM-12 ERC-VM-32 ERC-1260 ERC-2600 ERC-3450 ERC-4600	500 5000 15,000 6000 12,000 18,000 24,000	VM VM VM 1U 2U 2U 2U	Recommended 250GB Recommended 500GB Recommended 2TB+480GB SSD[3] 1TB 1.8TB 1.8TB+240GB SSD 3TB+480GB SSD	VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) 2 + HA Ports[5] 2 + HA Ports[5] 2 + HA Ports[5] 2 + HA Ports[5]	8 Processor Cores, 4GB of Memory 12 Processor Cores, 64GB of Memory 32 Processor Cores, 96GB of Memory Requires an ESM Requires an ESM Requires an ESM Requires an ESM
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.	ACE-VM-12 ACE-VM-32 ACE-2600 ACE-3450	<30000 <80,000 <50,000 <100,000	VM VM 2U 2U	Recommended 250GB+480GB SSD[3] Recommended 500GB+480GB SSD[3] 1.8TB 1.8TB+480GB SSD	VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) 2[4] 2[4]	12 Processor Cores, 4GB of Memory 32 Processor Cores, 64GB of Memory Requires an ESM 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)*.	ADM-VM-8 ADM-VM-12 ADM-1260 ADM-3460	250 Mbps 500 Mbps 500 Mbps 1 Gbps	VM VM 1U 2U	Recommended 250GB Recommended 500GB+240GB SSD[3] 1TB 1.8TB+240GB SSD	VM (AWS, ESX, KVM) VM (AWS, ESX, KVM) 2 + 4 Monitoring Ports[4] 2 + 4 Monitoring Ports[4]	8 Processor Cores, 4GB of Memory 12 Processor Cores, 64GB of Memory Requires an ESM 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-2600 DEM-4600	5000 15,000	2U 2U	1.8TB 3TB	2 + 4 Monitoring Ports[4] 2 + 8 Monitoring Ports[4]	Requires an ESM Requires an ESM

[1]Based 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. [2]Usable event and flow data storage capacity will vary by customer event types, event rates, software version, and other factors. [3]Minimum 50K IOPS for SSD; additional storage should be a minimum of 100 IOPS. [4]IPMI: 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. [5]These 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)

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