



HP Security Management System Appliance Series

Data sheet

Product overview

The HP Security Management System Appliance Series delivers enterprise-class security management capabilities to all HP security products and is easy to use, reducing IT administrative costs to maintain and manage security solutions. The Security Management System Appliance is a hardened appliance that provides both global vision and security policy control for large-scale deployments of all HP products, including HP Intrusion Prevention Systems (IPS), Core Controllers, and SSL Appliances. The appliance is responsible for discovering, monitoring, configuring, diagnosing, remediating, and reporting for global IPS deployments.

Key features

- Quarantine Protection: automated event response
- Advanced Security Policy Definition
- Automated security updates/Digital Vaccine
- Security device configuration and monitoring
- Enterprise security reporting and trend analysis



Features and benefits

Technical features

- **Quarantine Protection for automated event response:** is included with the HP Security Management System Appliance and is an automated response system that allows IT administrators to specify an action in response to a security event; this can range from directing a user to a self-remediation site, generating a trouble ticket, or, if the event is severe enough, moving them to a secure VLAN or removing them from the network
- **Advanced Security Policy Definition:** IPS security policies can be defined based on physical segments, VLAN, MPLS tags, IPv4 and IPv6 addresses and ranges, and traffic direction; with the optional Reputation Digital Vaccine (Rep DV) service, security policies can be defined based on reputation tags, including Reputation Score tags, Device Type tags, Country tags, and Data Source tags; further security policies can easily and automatically be adjusted as threats arise
- **Automated security updates/Digital Vaccine distribution:** The HP Digital Vaccine Labs (DVLabs) security research team constantly researches security threats and software vulnerabilities and distributes new protection filters to customers through regular Digital Vaccine updates to protect customer systems from new threats; the Security Management System Appliance is central to the distribution of these updates and can be configured to automatically check for, download, and distribute these updates
- **Systems management integration:** the HP Security Management System Appliance is the network solution component of an organization's management infrastructure; the appliance will integrate with systems such as HP OpenView and other enterprise system management tools; with the appliance, blocked attacks, quarantine actions, and security configuration updates can all be tracked and reported as events of interest
- **Security device configuration and monitoring:** Security Management System Appliance management scales to over 100 HP security devices and can be used to drill down deep into the internal workings of the security devices themselves; in addition, a single appliance client can operate across multiple appliances for even greater scalability; network parameters as well as HP system and filter behaviors can be viewed, assessed, and tuned from one interface
- **Advanced forensic analysis:** the global visibility provided by the Security Management System Appliance allows a continual view of security event logs for immediate cyber attack containment, perpetrator location and identification, and damage mitigation
- **Enterprise security reporting and trend analysis:** when HP Intrusion Prevention Systems block attacks or otherwise enforce customer security policies, event data is automatically logged to system files in the Security Management System Appliance; several reporting options are available regarding the compiled log information, including "big-picture" analysis with trending reports, correlation, and real-time graphs on traffic statistics, and filtered attack events
- **At-a-glance dashboard:** provides at-a-glance monitors and launch capabilities into targeted management applications, and displays an overview of current performance for all HP systems in the network, including notifications of updates and potential problems that may need attention
- **Bandwidth management:** in addition to protecting networks from attacks, HP Intrusion Prevention Systems can also be used to regulate network usage and availability for mission-critical applications; the Security Management System Appliance can easily be used to set policies for blocking or rate limiting traffic related to rogue applications, such as peer-to-peer file sharing and streaming media, which can consume available network bandwidth and interfere with mission-critical applications

HP Security Management System Appliance Series

Specifications



HP Security Management System Appliance with 25-IPS System License (JC528A)



HP Security Management System XL Appliance with 500-IPS System License (JC679A)

Physical characteristics		
Dimensions	27.56(d) x 17.64(w) x 1.7(h) in. (70 x 44.81 x 4.32 cm) (1U height)	29.25(d) x 17.54(w) x 3.38(h) in. (74.3 x 44.55 x 8.59 cm) (2U height)
Weight	29.95 lb. (13.59 kg)	60.01 lb. (27.22 kg), Fully loaded
Memory and processor		
Processor	Intel® Xeon® Quad-Core™ processor @ 2260 MHz, 6 GB RAM; storage: 146 GB	2 x Intel® Xeon® Processor X5660 @ 2800 MHz, 24 GB RAM; storage: 6 x 600 GB
Environment		
Operating temperature	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)
Operating relative humidity	10% to 90% @ 82.4°F (28°C)	10% to 90% @ 82.4°F (28°C)
Nonoperating/Storage temperature	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
Nonoperating/Storage relative humidity	5% to 95% @ 101.7°F (38.7°C)	5% to 95% @ 101.7°F (38.7°C)
Altitude	up to 10,000 ft. (3 km)	up to 10,000 ft. (3 km)
Electrical characteristics		
Voltage	100-240 VAC	100-120/200-240 VAC
Current	5.5/2.1 A	8.9/4.3 A
Power output	400 W	750 W
Frequency	50/60 Hz	50/60 Hz
Management		
	Web browser	Web browser
Notes		
	HP ProLiant DL320 Generation 6 Server with Intel® Xeon® Processor E5520; capacity: 225 devices managed; 300 million events recorded	HP ProLiant DL380 Generation 7 Server with Intel® Xeon® Processor X5660; capacity: 1,500 devices managed; 800 million events recorded
Services		
	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP Security Management System Appliance Series

Specifications (continued)



HP vSMS for VMware vSphere single host Software License (JC561A)

HP High Availability Security Management System Appliance with 25-IPS System License (JC529A)

Physical characteristics		
Dimensions		27.56(d) x 17.64(w) x 1.7(h) in. (70 x 44.81 x 4.32 cm) (1U height)
Weight		29.95 lb. (13.59 kg)
Memory and processor		
Processor		Intel® Xeon® Quad-Core™ processor @ 2260 MHz, 6 GB RAM; storage: 146 GB
Environment		
Operating temperature		50°F to 95°F (10°C to 35°C)
Operating relative humidity		10% to 90%
Nonoperating/Storage temperature		-22°F to 140°F (-30°C to 60°C)
Nonoperating/Storage relative humidity		5% to 95%
Altitude		up to 10,000 ft. (3 km)
Electrical characteristics		
Voltage		100-240 VAC
Current		5.5/2.1 A
Power output		400 W
Frequency		50/60 Hz
Management		
	Web browser	Web browser
Notes		
	Supported platforms: VMware ESX/ESXi v4.0 Update 1; min./rec. requirements: 73/146GB of available disk space; 1/2 virtual CPU; 2/6 GB of available memory; 2 virtual network adapters; 100/225 devices managed; 50/300 M recorded events	HP ProLiant DL320 Generation 6 Server with Intel Xeon Processor E5520; physical characteristics: the physical characteristics given are for a single SMS; the High-Availability SMS includes two individual SMSs
Services		
	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

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