

Security Manager Specifications

Hardware Appliances



Greenbone
Sustainable Resilience

	Appliance							Sensor
	GSM 6500	GSM 5400	GSM 650 Rev. 2	GSM 600 Rev. 2	GSM 450 Rev. 2	GSM 400 Rev. 2	GSM 150	GSM 35
Use Case	Large enterprise/ service providers	Large enterprise/ service providers	Medium enterprise/ branch location	Medium enterprise/ branch location	Medium enterprise/ branch location	Medium enterprise/ branch location	Small and medium enterprise/small branch location	Sensor for managed services/ branch scans
Support Level	Platinum	Platinum	Platinum	Platinum	Platinum	Platinum	Platinum	Platinum (managed via master)
Scan Capacity (IP Addresses per 24 h)	9,000 – 80,000	4,000 – 40,000	1,000 – 10,000	500 – 6,000	500 – 4,000	300 – 2,000	50 – 500	20 – 300
Weight (kg)	22 kg	22 kg	7 kg	7 kg	7 kg	7 kg	4 kg	4 kg
Dimension (WxDxH)	437/481x550x88 mm	437/481x550x88 mm	430/481x300x44 mm	430/481x300x44 mm	430/481x300x44 mm	430/481x300x44 mm	430/480x200x45 mm	430/480x200x45 mm
Ports								
Management/Feed	2 out of band management	2 out of band management	1	1	1	1	1	1
Scan GbE-Base-TX	0 – 32 ports	0 – 32 ports	8 ports	8 ports	8 ports	8 ports	4 ports	4 ports
Scan 1 GbE SFP	0 – 32 ports	0 – 32 ports	✓	✓	✓	✓	✗	✗
Scan 10 GbE SFP+	0 – 8 ports	0 – 8 ports	2 ports	2 ports	2 ports	2 ports	✗	✗
Port Roles	2 management, others dynamic	2 management, others dynamic	10 ports dynamic	10 ports dynamic	10 ports dynamic	10 ports dynamic	4 ports dynamic	4 ports dynamic
VLAN Support	128 per Ethernet Port	64 per Ethernet Port	64 per Ethernet Port	64 per Ethernet Port	16 per Ethernet Port	16 per Ethernet Port	8 per Ethernet Port	8 per Ethernet Port
Hardware								
Fan Speed Control	✗	✗	✓	✓	✓	✓	✓	✓
Redundant Fan	✓	✓	✓	✓	✓	✓	✗	✗
Redundant Power Supply	✓	✓	✗	✗	✗	✗	✗	✗
Redundant Hard Disk	✓	✓	✗	✗	✗	✗	✗	✗
Hot Swap Power Supply	✓	✓	✗	✗	✗	✗	✗	✗
Hot Swap Hard Disk	✓	✓	✗	✗	✗	✗	✗	✗
Hot Swap Fan	✓	✓	✗	✗	✗	✗	✗	✗
LCD	✓	✓	✓	✓	✓	✓	✗	✗
Power Supplies/Outlets	2	2	1	1	1	1	1	1
Max. Power Consumption per Supply	500 W	500 W	300 W	300 W	300 W	300 W	40 W	40 W
Networks								
Master Mode (Scan & Management)	Up to 80 sensors	Up to 40 sensors	Up to 20 sensors	Up to 12 sensors	Up to 6 sensors	Up to 2 sensors	✗	✗
Sensor Mode (Managed via Master)	✓	✓	✓	✓	✓	✓	✓	✓
Airgap Master	USB, FTP	USB, FTP	USB, FTP	USB, FTP	USB, FTP	USB, FTP	✗	✗
Airgap Sensor	USB, FTP	USB, FTP	USB, FTP	USB, FTP	USB, FTP	USB, FTP	FTP	✗
Greenbone OS								
SSH v2	✓	✓	✓	✓	✓	✓	✓	✓
NTP	✓	✓	✓	✓	✓	✓	✓	✓
GMP (API)	✓	✓	✓	✓	✓	✓	✓	✗
Web Interface (G), Report Plugins (P), Alerts (A), Scheduling (S)	G, P, A, S	G, P, A, S	G, P, A, S	G, P, A, S	G, P, A, S	G, P, A, S	G, P, A, S	✗
LDAP/RADIUS	✓	✓	✓	✓	✓	✓	✓	✗
SNMP v2	✓	✓	✓	✓	✓	✓	✗	✗
Syslog (UDP/TCP/TLS)	✓	✓	✓	✓	✓	✓	✓	✓
IPv6 Support	✓	✓	✓	✓	✓	✓	✓	✓
RAID6	✓	✓	✗	✗	✗	✗	✗	✗
Certificate Management	✓	✓	✓	✓	✓	✓	✓	✗
Network Namespaces	✓	✓	✓	✓	✓	✓	✗	✗
Remediation Workflow	✓	✓	✓	✓	✓	✓	✗	✗
Backup/Restore	Remote/USB, periodic	Remote/USB, periodic	Remote/USB, periodic	Remote/USB, periodic	Remote/USB, periodic	Remote/USB, periodic	USB	✗

Security Manager Specifications

Virtual Appliances



Greenbone

Sustainable Resilience

	Appliance						Sensor
	GSM EXA	GSM PETA	GSM TERA	GSM DECA	GSM CENO	GSM ONE	GSM 25V
Use Case	Medium enterprise/ branch location	Medium enterprise/ branch location	Medium enterprise/ branch location	Medium enterprise/ branch location	Small and medium enterprise/small branch location	Special use/training/ audit-via-laptop	Sensor for managed services/ branch scans
Support Level	Platinum	Platinum	Platinum	Platinum	Platinum	Platinum	Platinum (managed via master)
Scan Capacity (IP Addresses per 24 h)	2,000 – 18,000	1,000 – 9,000	300 – 3,000	50 – 1,500	50 – 500	20 – 300	20 – 300
Required Memory on Hypervisor (GB)	24	16	8	8	8	6	4
vCPUs	12	8	6	4	2	2	2
Ports							
Virtual Ports	8	8	8	4	4	1	4
Port Roles	8 ports dynamic	8 ports dynamic	8 ports dynamic	4 ports dynamic	4 ports dynamic	1 port management/ scan/update	4 ports dynamic
GSM Networks							
Master Mode (Scan & Management)	Up to 24 sensors	Up to 12 sensors	Up to 6 sensors	Up to 2 sensors	✗	✗	✗
Sensor Mode (Managed via Master)	✓	✓	✓	✓	✓	✗	✓
Airgap Master	✗	✗	✗	✗	✗	✗	✗
Airgap Sensor	FTP	FTP	FTP	FTP	FTP	✗	✗
Open VM Tools	✓	✓	✓	✓	✓	✗	✓
Supported Hypervisors	Microsoft Hyper-V, VMware vSphere Hypervisor (ESXi), Huawei FusionCompute	Microsoft Hyper-V, VMware vSphere Hypervisor (ESXi), Huawei FusionCompute	Microsoft Hyper-V, VMware vSphere Hypervisor (ESXi), Huawei FusionCompute	Microsoft Hyper-V, VMware vSphere Hypervisor (ESXi), Huawei FusionCompute	Microsoft Hyper-V, VMware vSphere Hypervisor (ESXi)	Oracle VirtualBox, VMware Workstation Pro, VMware Workstation Player	Microsoft Hyper-V, VMware vSphere Hypervisor (ESXi), Huawei FusionCompute
Cloud Support	Azure	Azure	Azure	Azure	Azure	✗	✗
Greenbone OS							
SSH v2	✓	✓	✓	✓	✓	✓	✓
NTP	✓	✓	✓	✓	✗	✗	✗
GMP (API)	✓	✓	✓	✓	✓	✓	✗
HTTPS GUI (G), Report Plugins (P), Alerts (A), Scheduling (S)	G, P, A, S	G, P, A, S	G, P, A, S	G, P, A, S	G, P, A, S	G, P, A, S	✗
LDAP/RADIUS	✓	✓	✓	✓	✓	✗	✗
SNMP v2	✓	✓	✓	✓	✗	✗	✗
Remediation Workflow	✓	✓	✓	✓	✗	✗	✗
Syslog (UDP/TCP/TLS)	✓	✓	✓	✓	✓	✗	✗
IPv6 Support	✓	✓	✓	✓	✓	✓	✓
Certificate Management	✓	✓	✓	✓	✓	✓	✗
Backup/Restore	Remote, periodic, VM snapshot	Remote, periodic, VM snapshot	Remote, periodic, VM snapshot	Remote, periodic, VM snapshot	VM snapshot	VM snapshot	VM snapshot