

Security Manager Specifications

Hardware Appliances



Greenbone
Sustainable Resilience

	Appliance							Sensor
	GSM 6500	GSM 5400	GSM 650 Rev. 1	GSM 600 Rev. 1	GSM 450 Rev. 1	GSM 400 Rev. 1	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	430/481x450x45 mm	430/481x450x45 mm	430/481x450x45 mm	430/481x450x45 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	6 ports	6 ports	6 ports	6 ports	4 ports	4 ports
Scan 1 GbE SFP	0 – 32 ports	0 – 32 ports	2 ports	2 ports	2 ports	2 ports	✗	✗
Scan 10 GbE SFP+	0 – 8 ports	0 – 8 ports	✗	✗	✗	✗	✗	✗
Port Roles	2 management, others dynamic	2 management, others dynamic	8 ports dynamic	8 ports dynamic	8 ports dynamic	8 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 HDD	✓	✓	✗	✗	✗	✗	✗	✗
Hot Swap Power Supply	✓	✓	✗	✗	✗	✗	✗	✗
Hot Swap HDD	✓	✓	✗	✗	✗	✗	✗	✗
Hot Swap Fan	✓	✓	✗	✗	✗	✗	✗	✗
LCD	✓	✓	✓	✓	✓	✓	✗	✗
Power Supplies/Outlets	2	2	1	1	1	1	1	1
Max. Power Consumption per Supply	500 W	500 W	220 W	220 W	220 W	220 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	✓	✓	✓	✓	✓	✓	✓	✗
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	Huawei FusionCompute, VMware ESXi	Huawei FusionCompute, VMware ESXi	Huawei FusionCompute, VMware ESXi	Huawei FusionCompute, VMware ESXi	VMware ESXi	Oracle VirtualBox, VMware Workstation, VMware Player	VMware ESXi
Cloud Support	Azure	Azure	Azure	Azure	Azure	✗	✗
Greenbone OS							
SSH v2	✓	✓	✓	✓	✓	✓	✓
NTP	✓	✓	✓	✓	✗	✗	✗
GMP	✓	✓	✓	✓	✓	✓	✗
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