OPENVAS SCAN
Model Overview Hardware Solutions

Greenbone

[1] There is no fixed limit to the number of IP addresses that can be scanned within 24 hours. The actual achievable number depends on the scan configuration, the scan targets, the network infrastructure, the available sensor appliances, the system resource usage and the frequency of scans. The values given for the estimated scan capacity can only be understood as guide values and cannot be guaranteed.

[2] A valid subscription is required.

[3] One network module with 8 RJ45 Ethernet ports is pre-installed. Additional network modules must be purchased separately. A maximum of 4 network modules can be installed in total.

[4] Sensor appliances must be purchased separately.

[5] An external storage device is not included.

[6] Beaming is only allowed to an appliance of the same or of a higher class. Beaming from a sensor-only appliance (OPENVAS SCAN 35 and OPENVAS SCAN 25V) is only supported to another sensor-only appliance.

Model	OPENVAS SCAN 6500	OPENVAS SCAN 5400	OPENVAS SCAN 650	OPENVAS SCAN 600	OPENVAS SCAN 450	OPENVAS SCAN 400	OPENVAS SCAN 150	OPENVAS SCAN 35
Overview								
Class	Large enterprises/ service providers	Large enterprises/ service providers	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Small and medium enterprises/small branch locations	Sensor for managed services/ branch-location scans
Estimated Scan Capacity [1]	Up to 60,000 IP addresses per 24 h	Up to 30,000 IP addresses per 24 h	Up to 8,000 IP addresses per 24 h	Up to 6,000 IP addresses per 24 h	Up to 4,000 IP addresses per 24 h	Up to 1,000 IP addresses per 24 h	Up to 250 IP addresses per 24 h	Up to 200 IP addresses per 24 h
Enterprise Feed [2]	✓	✓	✓	✓	✓	✓	✓	✓
Software Updates [2]	✓	✓	✓	✓	✓	✓	✓	✓
Hardware Replacement [2]	✓	✓	✓	✓	✓	✓	✓	✓
Technical Support [2]	✓	✓	✓	✓	✓	✓	✓	✓
Specifications								
Revision	2	2	2	2	2	2	2	1
Certifications	• RoHS • CE/FCC Class A • UL	• RoHS • CE/FCC Class A • UL	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD	CE/FCC Class A
Power Supply	1x 850 W 1+1 CRPS	1x 850 W 1+1 CRPS	1x 300 W	1x 300 W	1x 300 W	1x 300 W	1x 300 W	1x 40 W
CPU	36 threads, up to 3.2 GHz	20 threads, up to 3.2 GHz	16 threads, up to 3.4 GHz	8 threads, up to 3.4 GHz	8 threads, up to 3.4 GHz	4 threads, up to 3.4 GHz	2 threads, up to 3.4 GHz	2 threads, up to 1.1 GHz
Memory	32 GB DDR4	24 GB DDR4	32 GB DDR4	16 GB DDR4	16 GB DDR4	12 GB DDR4	12 GB DDR4	8 GB DDR3
Data Storage	4x 1 TB NVMe SSD (hot-swappable)	4x 1 TB NVMe SSD (hot-swappable)	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD	1x 64 GB SATA DOM
Flash Recovery Drive	✓	✓	✓	✓	✓	✓	✓	✓
Ethernet Ports	• 2x RJ45 Gigabit (out-of-band management) • Up to 8 RJ45 Gigabit per optional module [3] • Up to 8 SFP+/2 SFP+ per optional module [3]	• 2x RJ45 Gigabit (out-of-band management) • Up to 8 RJ45 Gigabit per optional module [3] • Up to 8 SFP+/2 SFP+ per optional module [3]	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP	4x RJ45 Gigabit
Console Ports	• 1x RJ45 • 1x Mini-USB	• 1x RJ45 • 1x Mini-USB	1x RJ45	1x RJ45	1x RJ45	1x RJ45	1x RJ45	1x RJ45
USB Ports (Type A)	• 2x USB 3.0 (front) • 1x USB 2.0 (back)	• 2x USB 3.0 (front) • 1x USB 2.0 (back)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)
Graphics Connector	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA	1x HDMI
LCD	✓	✓	✓	✓	✓	✓	✓	✗
Environment								
Width	438 mm (480 mm with rack mount)	438 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)
Height	88 mm (2 U)	88 mm (2 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)
Depth	600 mm	600 mm	300 mm	300 mm	300 mm	300 mm	300 mm	200 mm
Weight	24 kg	24 kg	4.7 kg	4.7 kg	4.7 kg	4.7 kg	4.7 kg	4 kg
Rack Mount Set	✓	✓	✓	✓	✓	✓	✓	✓
Temperature	• Operating: 0–40 °C • Storage: -20–70 °C	• Operating: 0–40 °C • Storage: -20–70 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C
Humidity	5–90 % (non-condensing)	5–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)
Feature Set								
Operating System	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 24.10	GOS 22.04/GOS 24.10
Web Interface	✓	✓	✓	✓	✓	✓	✓	✗
Multi-User Support	✓	✓	✓	✓	✓	✓	✓	✗
Alerts and Schedules	✓	✓	✓	✓	✓	✓	✓	✗
Remediation Tickets	✓	✓	✓	✓	✓	✓	✗	✗
Security Information	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	✗
GMP API	✓	✓	✓	✓	✓	✓	✓	✗
Control Sensors as Master [4]	Up to 80 sensor appliances	Up to 40 sensor appliances	Up to 20 sensor appliances	Up to 12 sensor appliances	Up to 6 sensor appliances	Up to 2 sensor appliances	✗	✗
Sensor Mode							✗	✓
Airgap USB	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	✗	✗
Airgap FTP	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	As sensor appliance	✗
IPv4/IPv6 Networking	✓	✓	✓	✓	✓	✓	✓	✓
Network Namespaces	✓	✓	✓	✓	✓	✓	✗	✗
Network Routes per Interface	20	20	20	20	16	16	8	8
VLAN Interfaces	• Up to 128 per Ethernet port • Up to 4096 per appliance	• Up to 64 per Ethernet port • Up to 2048 per appliance	• Up to 64 per Ethernet port • Up to 512 per appliance	• Up to 64 per Ethernet port • Up to 512 per appliance	• Up to 16 per Ethernet port • Up to 128 per appliance	• Up to 16 per Ethernet port • Up to 128 per appliance	• Up to 8 per Ethernet port • Up to 32 per appliance	• Up to 8 per Ethernet port • Up to 32 per appliance
SNMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓
NTP Timesync	✓	✓	✓	✓	✓	✓	✓	✓
Remote Syslog	✓	✓	✓	✓	✓	✓	✓	✓
LDAP/RADIUS	✓	✓	✓	✓	✓	✓	✓	✗
System Integrity Check	✓	✓	✓	✓	✓	✓	✗	✗
RAID 6	✓	✓	✗	✗	✗	✗	✗	✗

Backup	• Incremental
	  ○ Lokal on appliance
	  ○ Remote server via SFTP
	• Full
	  ○ External storage via USB [5]
		• Incremental
		  ○ Lokal on appliance
		  ○ Remote server via SFTP
		• Full
		  ○ External storage via USB [5]
			• Incremental
			  ○ Lokal on appliance
			  ○ Remote server via SFTP
			• Full
			  ○ External storage via USB [5]
				• Incremental
				  ○ Lokal on appliance
				  ○ Remote server via SFTP
				• Full
				  ○ External storage via USB [5]
					• Incremental
					  ○ Lokal on appliance
					  ○ Remote server via SFTP
					• Full
					  ○ External storage via USB [5]
						• Incremental
						  ○ Lokal on appliance
						  ○ Remote server via SFTP
						• Full
						  ○ External storage via USB [5]
							• Full
							  ○ External storage via USB [5]
								✗

Beaming [6]	✓	✓	✓	✓	✓	✓	✓	✓

OPENVAS SCAN
Model Overview Virtual Solutions

Greenbone

[1] There is no fixed limit to the number of IP addresses that can be scanned within 24 hours. The actual achievable number depends on the scan configuration, the scan targets, the network infrastructure, the available sensor appliances, the system resource usage and the frequency of scans. The values given for the estimated scan capacity can only be understood as guide values and cannot be guaranteed.

[2] A valid subscription is required.

[3] Performance depends on hypervisor capabilities.

[4] Sensor appliances must be purchased separately.

[5] Beaming is only allowed to an appliance of the same or of a higher class. Beaming from a sensor-only appliance (OPENVAS SCAN 35 and OPENVAS SCAN 25V) is only supported to another sensor-only appliance.

Model	OPENVAS SCAN EXA	OPENVAS SCAN PETA	OPENVAS SCAN TERA	OPENVAS SCAN DECA	OPENVAS SCAN CENO	OPENVAS BASIC	OPENVAS SCAN 25V
Overview							
Class	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Small and medium enterprises/small branch locations	Entry-level solution	Sensor for managed services/ branch-location scans
Estimated Scan Capacity [1]	Up to 8,000 IP addresses per 24 h	Up to 6,000 IP addresses per 24 h	Up to 3,000 IP addresses per 24 h	Up to 1,000 IP addresses per 24 h	Up to 500 IP addresses per 24 h	Up to 200 IP addresses per 24 h	Up to 250 IP addresses per 24 h
Enterprise Feed [2]	✓	✓	✓	✓	✓	✓	✓
Software Updates [2]	✓	✓	✓	✓	✓	✓	✓
Technical Support [2]	✓	✓	✓	✓	✓	⚠ Must be purchased separately	✓
Specifications							
Supported Hypervisors	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 or higher) • Huawei FusionCompute (Version 8.0) • Proxmox VE (Version 8.0 or higher)	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 or higher) • Huawei FusionCompute (Version 8.0) • Proxmox VE (Version 8.0 or higher)	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 oder höher) • Huawei FusionCompute (Version 8.0) • Proxmox VE (Version 8.0 or higher)	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 or higher) • Huawei FusionCompute (Version 8.0) • Proxmox VE (Version 8.0 or higher)	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 or higher) • Proxmox VE (Version 8.0 or higher)	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 or higher) • VMware Workstation Player (Version 17.0 or higher) • VMware Workstation Pro (Version 17.0 or higher) • Oracle VirtualBox (Version 7.0 or higher) • Huawei FusionCompute (Version 8.0, Intel only) • Proxmox VE (Version 8.0 or higher)	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 or higher) • Huawei FusionCompute (Version 8.0) • Proxmox VE (Version 8.0 or higher)
vCPUs [3]	12	8	6	4	2	2	2
Memory [3]	24 GB	16 GB	14 GB	14 GB	12 GB	12 GB	8 GB
Data Storage [3]	500 GB	500 GB	500 GB	500 GB	500 GB	500 GB	500 GB
Network Adapters [3]	8	8	8	4	4	1	4
Feature Set							
Operating System	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10	GOS 22.04/GOS 24.10
Web Interface	✓	✓	✓	✓	✓	✓	✗
Multi-User Support	✓	✓	✓	✓	✓	✓	✗
Alerts and Schedules	✓	✓	✓	✓	✓	✓	✗
Remediation Tickets	✓	✓	✓	✓	✗	✗	✗
Security Information	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	✗
GMP API	✓	✓	✓	✓	✓	✗	✗
Control Sensors as Master [4]	Up to 24 sensor appliances	Up to 12 sensor appliances	Up to 6 sensor appliances	Up to 2 sensor appliances	✗	✗	✗
Sensor Mode	✓	✓	✓	✓	✓	✗	✓
Airgap FTP	As sensor appliance	As sensor appliance	As sensor appliance	As sensor appliance	As sensor appliance	✗	✗
IPv4/IPv6 Networking	✓	✓	✓	✓	✓	✓	✓
Network Routes per Interface	8	8	8	8	8	0	0
SNMP Monitoring	✓	✓	✓	✓	✓	✗	✓
NTP Timesync	✓	✓	✓	✓	✓	✓	✓
Remote Syslog	✓	✓	✓	✓	✓	✗	✓
OpenVPN	✓	✓	✓	✓	✗	✗	✗
LDAP/RADIUS	✓	✓	✓	✓	✓	✓	✗

Backup	• Incremental
	  ○ Local on appliance
	  ○ Remote server via SFTP
		• Incremental
		  ○ Local on appliance
		  ○ Remote server via SFTP
			• Incremental
			  ○ Local on appliance
			  ○ Remote server via SFTP
				• Incremental
				  ○ Local on appliance
				  ○ Remote server via SFTP
					• Incremental
					  ○ Local on appliance
					  ○ Remote server via SFTP
						✗	✗

Beaming [5]	✓	✓	✓	✓	✓	✓	✓
Open VM Tools	✓	✓	✓	✓	✓	✓	✓
Secure Boot	✓ For selected hypervisors	✓ For selected hypervisors	✓ For selected hypervisors	✓ For selected hypervisors	✓ For selected hypervisors	✓ For selected hypervisors	✓ For selected hypervisors

OPENVAS SCAN – New Models
Model Overview Hardware and Virtual Solutions

Greenbone

Model	OPENVAS SCAN VIRTUAL
Overview	
Class	Companies of all sizes
Enterprise Feed [1]	✓
Software Updates [1]	✓
Technical Support [1]	✓
Specifications	
Supported Hypervisors	• Microsoft Hyper-V (Server 2016, generation 2 virtual machine, VM configuration version 8.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 7.0 or higher) • Huawei FusionCompute (Version 8.0) • Proxmox VE (Version 8.0 or higher)
Min. vCPUs [3]	2
Min. Memory [3]	12 GB
Data Storage [3]	500 GB
Network Adapters [3]	8
Feature Set	
Operating System	GOS 25.0
Web Interface	✓
Multi-User Support	✓
Alerts and Schedules	✓
Remediation Tickets	✓
Security Information	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT
GMP API	✓
Control Sensors as Master	Up to 500 sensor appliances
Useable as a Sensor Appliance	✓
Airgap FTP	As sensor appliance
IPv4/IPv6 Networking	✓
Network Routes per Interface	8
SNMP Monitoring	✓
NTP Timesync	✓
Remote Syslog	✓
OpenVPN	✓
LDAP/RADIUS	✓

Backup	• Incremental
	  ○ Local on appliance
	  ○ Remote server via SFTP

Beaming [5]	✓
Open VM Tools	✓
Secure Boot	✓ For selected hypervisors

Model	OPENVAS SCAN G90	OPENVAS SCAN G30	OPENVAS SCAN G10
Overview			
Class	Large enterprises/ service providers	Medium enterprises/ branch locations	Medium enterprises/ branch locations
Enterprise Feed [1]	✓	✓	✓
Software Updates [1]	✓	✓	✓
Technical Support [1]	✓	✓	✓
Hardware Replacement [2]	✓	✓	✓
Specifications			
Revision	1	1	1
Certifications	• RoHS • CE/FCC Class A • UL	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD
Power Supply	1x 850 W 1+1 CRPS	1x 300 W	1x 300 W
CPU	36 threads, up to 3.2 GHz	16 threads, up to 3.4 GHz	4 threads, up to 3.4 GHz
Memory	64 GB DDR4	32 GB DDR4	12 GB DDR4
Data Storage	4x 1 TB NVMe SSD (hot-swappable)	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD
Flash Recovery Drive	✓	✓	
Ethernet Ports	• 2x RJ45 Gigabit (out-of-band management) • 8x RJ45 Gigabit	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP
Console Ports	• 1x RJ45 • 1x Mini-USB	1x RJ45	1x RJ45
USB Ports (Type A)	• 2x USB 3.0 (front) • 1x USB 2.0 (back)	2x USB 3.0 (front)	2x USB 3.0 (front)
Graphics Connector	1x VGA	1x VGA	1x VGA
LCD	✓	✓	✓
Feature Set			
Operating System	GOS 25.0	GOS 25.0	GOS 25.0
Web Interface	✓	✓	✓
Multi-User Support	✓	✓	✓
Alerts and Schedules	✓	✓	✓
Remediation Tickets	✓	✓	✓
Security Information	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT
GMP API	✓	✓	✓
Control Sensors as Master	Up to 80 sensor appliances	Up to 20 sensor appliances	Up to 2 sensor appliances
Useable as a Sensor Appliance	✓	✓	✓
Airgap USB	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance
Airgap FTP	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance
IPv4/IPv6 Networking	✓	✓	✓
Network Namespaces	✓	✓	✓
Network Routes per Interfaces	20	20	16
VLAN Interfaces	• Up to 128 per Ethernet port • Up to 4096 per appliance	• Up to 64 per Ethernet port • Up to 512 per appliance	• Up to 64 per Ethernet port • Up to 512 per appliance
SNMP Monitoring	✓	✓	✓
NTP Timesync	✓	✓	✓
Remote Syslog	✓	✓	✓
LDAP/RADIUS	✓	✓	✓
System Integrity Check	✓	✓	✓
RAID 6	✓	✗	✗

Backup	• Incremental
	  ○ Local on appliance
	  ○ Remote server via SFTP
	• Full
	  ○ External storage via USB [4]
		• Incremental
		  ○ Local on appliance
		  ○ Remote server via SFTP
		• Full
		  ○ External storage via USB [4]
			• Incremental
			  ○ Local on appliance
			  ○ Remote server via SFTP
			• Full
			  ○ External storage via USB [4]

Beaming [5]	✓	✓	✓
Environment			
Width	438 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)
Height	88 mm (2 U)	44 mm (1 U)	44 mm (1 U)
Depth	600 mm	300 mm	300 mm
Weight	24 kg	4.7 kg	4.7 kg
Rack Mount Set	✓	✓	✓
Temperature	• Operating: 0–40 °C • Storage: -20–70 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C
Humidity	5–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)

[1] A valid license is required.

[2] Optional hardware maintenance is available. Its scope is defined in the service level agreement.

[3] Performance depends on hypervisor capabilities.

[4] An external storage device is not included.

[5] Beaming is only allowed to an appliance of the same or of a higher class.

2026-03-01