

Sophos Server Protection Licensing Guide

(including Sophos for Virtual Environments and Virtual Desktops)

Server License Options (Per Server)		Cloud-Managed/ Sophos Central		On-Premise Managed/ Sophos Enterprise Console (or standalone agent)	
		Central Server Protection Standard (SVRCLLOUDSTD)	Central Server Protection Advanced (SVRCLLOUDADV)	Server Protection For Virtualization, Windows, And Linux (SVRWLV)	Server Protection Enterprise (SAVSVR)
Sophos Server Protection Agent					
Platforms	Windows Server	✓	✓	✓	✓
	Linux	✓	✓	✓	✓
	AIX, Solaris ¹				✓
	Virtualization Platforms: VMware ESXi, MS Hyper-V	✓	✓	✓	✓
Features ²	Anti-malware/HIPS/Live Protection	✓	✓	✓	✓
	Web Security with Download Reputation	✓	✓	✓	✓
	Detect Potentially Unwanted Applications (PUA)	✓	✓	✓	✓
	Web Control (URL Blocking) Application Control Peripheral Control [e.g., USB] Data Loss Prevention		✓	✓	✓
	Automatic Scanning Exclusions	✓	✓		
	Amazon Web Services integration	✓	✓		
	Azure Support	✓	✓		
	CryptoGuard Anti-ransomware		✓	Add-on ³	✓
	Application Whitelisting with Server Lockdown		✓		
	Malicious Traffic Detection		✓		
	Synchronized Security with Security Heartbeat™ (Enhanced threat protection, positive source identification, and automated isolation)		✓		

¹ Anti-virus for UNIX is provided via a standalone (unmanaged) agent. On-demand and scheduled scanning only.

² All features available on Windows; selected features available on Linux

³ CryptoGuard is available for Windows Servers with the Endpoint Exploit Prevention (EXP) license

Server License Options (Per Server)

		Cloud-Managed/ Sophos Central		On-Premise Managed/ Sophos Enterprise Console (or standalone agent)	
		Central Server Protection Standard [SVRCLLOUDSTD]	Central Server Protection Advanced [SVRCLLOUDADV]	Server Protection For Virtualization, Windows, And Linux [SVRWLV]	Server Protection Enterprise [SAVSVR]
Sophos for Virtual Environments (Centralized Scanning, Thin Agent) ⁴					
Platforms	Windows Servers and Windows Desktops	✓	✓	✓	✓
	Virtualization Platforms: VMware ESXi, MS Hyper-V	✓	✓	✓	✓
Features	Off-board Malware Protection to a Centralized Sophos Security Virtual Machine	✓	✓	✓	✓
	Thin-guest Virtual Machine Agent, Infrequent Updates	✓	✓	✓	✓
	Anti-malware / Live Protection	✓	✓	✓	✓
	Memory-resident malware detection	✓	✓	✓	✓
	Automated Threat Cleanup	✓	✓	✓	✓
	Prevent Update Storms and Scan Storms	✓	✓	✓	✓
	Windows Security Center Integration	✓	✓	✓	✓
Management					
	Sophos Enterprise Console — On-premise Management			✓	✓
	Sophos Central — Cloud-based Management	✓	✓		
	Visibility of connected Guest VMs	✓	✓		
	Sophos Central also manages Endpoint, Mobile, and Wireless, and Email and Web Gateway	✓	✓		

⁴ Entitlement for Sophos for Virtual Environments included with all server licenses

Licensing for virtual servers

Virtual Servers Example scenario	Management Platform	Licenses Required
10 virtual servers protected by the full Sophos Server Protection agent	Sophos Central	10 'Central Server Protection Standard' [SVRCLLOUDSTD] or 'Central Server Protection Advanced' [SVRCLLOUDADV] licenses
	Sophos Enterprise Console	10 'Server Protection for Virtualization, Windows and Linux' [SVRWLV] or 'Server Protection Enterprise' [SAVSVR] licenses
10 virtual servers protected by Sophos for Virtual Environments	Sophos Central	10 'Central Server Protection Standard' [SVRCLLOUDSTD] licenses or 'Central Server Protection Advanced' [SVRCLLOUDADV] licenses The Sophos Security VM for centralized off-board scanning requires no license.
	Sophos Enterprise Console	10 'Server Protection for Virtualization, Windows and Linux' [SVRWLV] or 'Server Protection Enterprise' [SAVSVR] licenses or 'Server Protection Enterprise' [SAVSVR] licenses The Sophos Security VM for centralized off-board scanning requires no license.

Licensing for virtual desktops and underlying host server

A server facilitates both:

- ▶ Remote Desktop Services (RDS), often called Terminal Services, implemented using either Windows Remote Desktop (also called Remote Desktop Protocol/RDP) or Citrix XenApp, provides a desktop experience to multiple end-users who can simultaneously access a single host server. Each end-user has a temporary session, and typically will have access to the same set of apps, as controlled by the server admin.
- ▶ VDI (Virtual Desktop Infrastructure) is different to Remote Desktop Services; typically, each end-user has a full virtualized desktop OS dedicated to them, provided by a hypervisor on the host.

Licensing for Remote Desktop Services and VDI will depend on the customer's scenario and the Sophos product under consideration, but requires:

- A license for each virtual desktop

Note for VDI only: Virtual desktops protected by Sophos for Virtual Environments are not included within the scope of user-based licenses.

- No license for the centralized scanning VM (Sophos Security Virtual Machine or SSVM)
- A Server license to protect the host server running Remote Desktop Services; With VDI a server license is recommended, but not explicitly required.

	Virtual Desktop License Options	
	Cloud Managed Sophos Central	On-Premise Managed Sophos Enterprise Console
Remote Desktop Services (Windows Remote Desktop or Citrix XenApp)	(CES) Central Endpoint Standard or (CEA) Central Endpoint Advanced	(EPS) Endpoint Protection Standard or (EPA) Endpoint Protection Advanced
VDI (Virtual Desktop Infrastructure) (each user has full virtualized desktop OS, dedicated to them, provided by a hypervisor on host)	(CES) Central Endpoint Standard or (CEA) Central Endpoint Advanced	(VDI) Sophos VDI (if using Sophos for Virtual Environments) otherwise EPS/EPA (as above)

Remote Desktop (Terminal) Services Licensing

Remote Desktop Services is session-based, where multiple end-users access the same underlying Server OS concurrently. The Sophos EULA requires that a license is purchased for each end-user that benefits from protection, regardless of whether Sophos software is actually installed on the end-user's machine. A server license is also required for the host server itself.

Scope of User licenses: *If an end-user already has an endpoint license (e.g. they have Sophos Endpoint Protection installed on their workstation), an additional license is **NOT** required if they also use Remote Desktop Services. Sophos Central will recognize them as the same User and consume one license only.*

Remote Desktop (Terminal) Services: Example scenarios	Management Platform	Licenses Required
200 virtual desktops that use Remote Desktop Services (RDS) on two Windows servers	Sophos Central	200 'Central Endpoint Standard' (CES) or 'Central Endpoint Advanced' (CEA) licenses <i>Note: Each desktop Virtual Machine requires an Endpoint license, depending on features that the customer requires, unless these users already have an endpoint license.</i> If the customer requires features of the Central Server Protection Advanced license (which includes CryptoGuard) for Remote Desktop Services users, they should purchase Central Endpoint Advanced licenses for their end-users. PLUS 2 'Central Server Protection Standard' (SVRCLLOUDSTD) or Central Server Protection Advanced' (SVRCLLOUDADV) depending on features desired.
	Sophos Enterprise Console	200 'Endpoint Protection Standard' (EPS) or 'Endpoint Protection Advanced' (EPA) licenses for the virtual desktops If the customer requires CryptoGuard for Remote Desktop Services users, they should purchase Endpoint Exploit Prevention (EXP) licenses for their end-users. PLUS 2 'Server Protection for Virtualization, Windows, and Linux' (SVRWLV) or 'Server Protection Enterprise' (SAVSVR) depending on features desired.

VDI Licensing

Virtual Desktop Infrastructure (VDI) refers to the practice of hosting desktop operating systems within virtual machines on a server. On end-user systems in a VDI environment, either the full agent or the thin agent from Sophos for Virtual Environments can be used, depending on the features and protections desired. If using the full agent is desired, either 'Central Endpoint Standard' (CES) or 'Central Endpoint Advanced' (CEA) licenses, or the Endpoint Protection Standard (EPS) or 'Endpoint Protection Advanced' (EPA) licenses can be used for each virtual desktops.

Sophos for Virtual Environments enables malware detection to be performed centrally to reduce potential performance impact on virtual servers and desktops. When used to provide protection for virtual desktops, Sophos for Virtual Environments requires an end user license for each virtual machine running a desktop operating system.

The Sophos license required for each virtual desktop depends on the choice of management platform, Sophos Central or Sophos Enterprise Console, as follows:

VDI Example scenario	Management Platform	Licenses Required
100 virtual desktops protected by Sophos for Virtual Environments	Sophos Central	100 'Central Endpoint Standard' (CES) or 'Central Endpoint Advanced' (CEA) licenses <i>Note: Each desktop Virtual Machine protected by Sophos for Virtual Environments requires an Endpoint license, even if the same end user has an existing Endpoint license for another device.</i> Underlying Server*
	Sophos Enterprise Console	100 'Sophos VDI' (VDI) licenses <i>Note: Each desktop Virtual Machine protected by Sophos for Virtual Environments requires an Endpoint license, even if the same end user has an existing Endpoint license for another device.</i> Underlying Server*
100 call center users with virtual desktops protected by Sophos for Virtual Environments and 100 different users with physical desktop machines protected by the full endpoint agent product	Sophos Central	200 'Central Endpoint Standard' (CES) or 'Central Endpoint Advanced' (CEA) licenses
	Sophos Enterprise Console	100 'Endpoint Protection Standard' (EPS) or 'Endpoint Protection Advanced' (EPA) licenses for the physical desktops PLUS 100 'Sophos VDI' (VDI) licenses for the virtual desktops protected by Sophos for Virtual Environments
100 users who all have both physical desktop machines protected by full Sophos Endpoint Protection agents, and also virtual desktops protected by Sophos for Virtual Environments	Sophos Central	200 'Central Endpoint Standard' (CES) or 'Central Endpoint Advanced' (CEA) licenses
	Sophos Enterprise Console	100 'Endpoint Protection Standard' (EPS) or 'Endpoint Protection Advanced' (EPA) licenses for the physical desktops PLUS 100 'Sophos VDI' (VDI) licenses for the virtual desktops protected by Sophos for Virtual Environments
20 virtual desktops and 5 virtual servers, all protected by Sophos for Virtual Environments	Sophos Central	20 'Central Endpoint Standard' (CES) or 'Central Endpoint Advanced' (CEA) licenses for the virtual desktops PLUS 5 'Central Server Protection Standard' (SVRCLLOUDSTD) or 'Central Server Protection Advanced' (SVRCLLOUDADV) licenses for the virtual servers
	Sophos Enterprise Console	20 'Sophos VDI' (VDI) licenses for the virtual desktops PLUS 5 'Server Protection for Virtualization, Windows, and Linux' (SVRWLV) or 'Server Protection Enterprise' (SAVSVR) licenses for the virtual servers

* If utilizing an underlying Windows server to provide the hypervisor for VDI, a Sophos Server Protection license, with desired features, is recommended.

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