

# Server Protection

## Defend your data from malware without sacrificing server performance.

Sophos Server Protection protects your server environment from malicious attacks while keeping your servers running at optimum performance. Designed to secure business-critical servers, Sophos Server Protection includes server application whitelisting, advanced anti-malware, and behavior analysis. It's server security made simple, providing protection for your Windows, Linux, and UNIX systems, whether you're running physical or virtualized servers, on premise, or in the cloud, including Amazon Web Services (AWS) and Azure.

### Highlights

- Protects Windows, Linux, and UNIX systems with minimal resource use
- Protects against ransomware running locally or remotely
- Synchronized Security with Destination Heartbeat
- Protects and manage server policies for auto-scaling groups in AWS
- Protects server images in Azure
- Server Lockdown with application whitelisting
- Advanced, policy-based rules
- Simplified management from the cloud or an on-premise console

### Better protection

Sophos Server Protection offers innovative features like anti-ransomware and pre-execution emulation for identifying suspicious behavioral patterns, giving you the broadest protection for your servers and data, including from zero-day attacks. Our CryptoGuard anti-ransomware detects and intercepts unsolicited encryption of files, resulting from ransomware running on a remote endpoint that is connected to the server. Server Lockdown uses application whitelisting to secure servers with a default deny policy, preventing all unauthorized applications from executing. Once a server is locked down, anti-malware and a Host Intrusion Prevention System (HIPS) behavior analysis prevent content-based threats (such as an infected PDF or Word document) that could otherwise exploit vulnerabilities within whitelisted applications.

Sophos Server Protection also includes Malicious Traffic Detection, which monitors for traffic associated with malware. This feature enables early detection and removal of malware, along with Synchronized Security with Security Heartbeat to accelerate threat discovery, isolation, and remediation.

### High-performance security built for servers

Servers are the repositories for the majority of most organizational data. With users needing continuous access, maximum uptime and optimal performance are of utmost importance. The server-specific policies provide out-of-the-box protection, giving you granular control of the lightweight agent. A variety of server-specific techniques enable small and fast updates, designed to require fewer server resources and mitigate any impact. Automatic application exclusions for key business applications, like Exchange or SQL, prevent false positives and needless rescanning of files.

### Simple to use, including one-click Server Lockdown

Sophos Server Protection Advanced is the only solution that locks down your server with a single click, securing servers in a safe state and preventing unauthorized applications from running. With that click, Sophos automatically scans the system, establishes an inventory of known-good applications, and whitelists just those applications. Other whitelisting applications require the manual creation of rules to secure scripts and other system files, but Sophos manages the connections between applications and the associated files, such as DLLs, data files, and scripts.

Server Lockdown is only an example of how Sophos has made server security simple. With policy-based rules for server groups, as well as application, peripheral, and web control, Sophos makes it easy to control what happens on your servers, whether they be physical, virtual, or in the cloud.

## Server Protection

### Cloud or on-premises management

When it comes to managing your servers, you have options. Our cloud-based Sophos Central, hosted by Sophos, provides instant access with no console servers to set up and maintain and a variety of features to minimize the need for servers and endpoints to be internet-facing. It also manages other Sophos products, including Endpoint, Mobile, Wireless, Email, and Web — all from a single pane of glass.

### Security for every platform

With support for a broad range of platforms, you can protect every server in your organization. In addition to Windows Server, Sophos Server Protection secures the most common variants of Linux and Unix-based operating systems.

## Server Protection Licensing

		On-Premises Managed/ Sophos Enterprise Console		Cloud-Managed/ Sophos Central	
		Server Protection For Virtualization, Windows, And Linux	Server Protection Enterprise	Central Server Protection Standard	Central Server Protection Advanced
Pricing Per Server					
SUPPORTED PLATFORMS <sup>1</sup>	Windows Server	✓	✓	✓	✓
	Linux	✓	✓	✓	✓
	UNIX (HP/UX, Solaris, AIX)		✓		
FEATURES <sup>2</sup>	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				
	Windows Firewall Management			✓	✓
	Automatic Scanning Exclusions			✓	✓
	AWS Integration			✓	✓
	Anti-ransomware Protection (e.g., CryptoGuard, local and remote ransomware)	Add-on <sup>3</sup>	✓		✓
	Application Whitelisting with Server Lockdown				✓
	Malicious Traffic Detection				✓
	Synchronized Security Status (Isolate compromised servers and endpoints)				✓
MANAGEMENT	Sophos Enterprise Console — On-premises Server	✓	✓		
	Sophos Central — Cloud-based Management			✓	✓
	Sophos Central also manages Sophos Endpoint, Mobile, Email, Web Gateway, and Wireless			✓	✓

<sup>1</sup>Servers, whether physical or virtual, in your environment or hosted in the cloud/AWS.

<sup>2</sup>All features available on Windows; not all features are currently available on Linux.

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

Contact ITConnexion to learn more.

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