

# Sophos Server Protection in Microsoft Azure

Protect virtual servers with effective, consistent, and easy protection of server workloads

Sophos, a leader in network and endpoint security, has announced that its server-specific protection can be deployed in Microsoft Azure environments, allowing consistent and comprehensive protection of workloads and servers. Designed to secure business critical servers without sacrificing performance, Sophos Server Protection protects Windows and Linux servers from malicious attacks using a variety of traditional and Next Gen methods, including CryptoGuard anti-ransomware, Malicious Traffic Detection and application whitelisting for default policies via the Sophos one-click Server Lockdown.

## Key benefits

- ▶ VMs deployed in Azure are protected
- ▶ Management is easy in a single console alongside endpoints, mobile and wireless devices, and web and email gateways, all within a single cloud-based management console.
- ▶ In conjunction with Sophos Central and Sophos XG Firewall, a Security Heartbeat™ is shared to enable Synchronized Security, enabling threat detection and positive identification of compromised servers.
- ▶ Synchronized Security is a best of breed security system that enables defences to be as coordinated as the attacks it protects against. It provides unparalleled protection, because unlike point products that can only stop individual elements of an attack, Synchronized Security can correlate multiple aspects of an attack, and thwart multiple prongs of attack. Designed with servers in mind, Synchronized Security:
  - Shares threat intelligence between servers, endpoints and firewalls.
  - Protects end-users from accessing potentially compromised servers and network shares.
  - Analysis across all Sophos products to create simple, actionable insights and automatic resolutions.

## Easy deployment and setup

VMs with a Sophos Server Protection agent are simply deployed into Azure, and managed from Sophos Central. Customers will specify which server group they should be a part of and which policies will apply to protect those VMs.

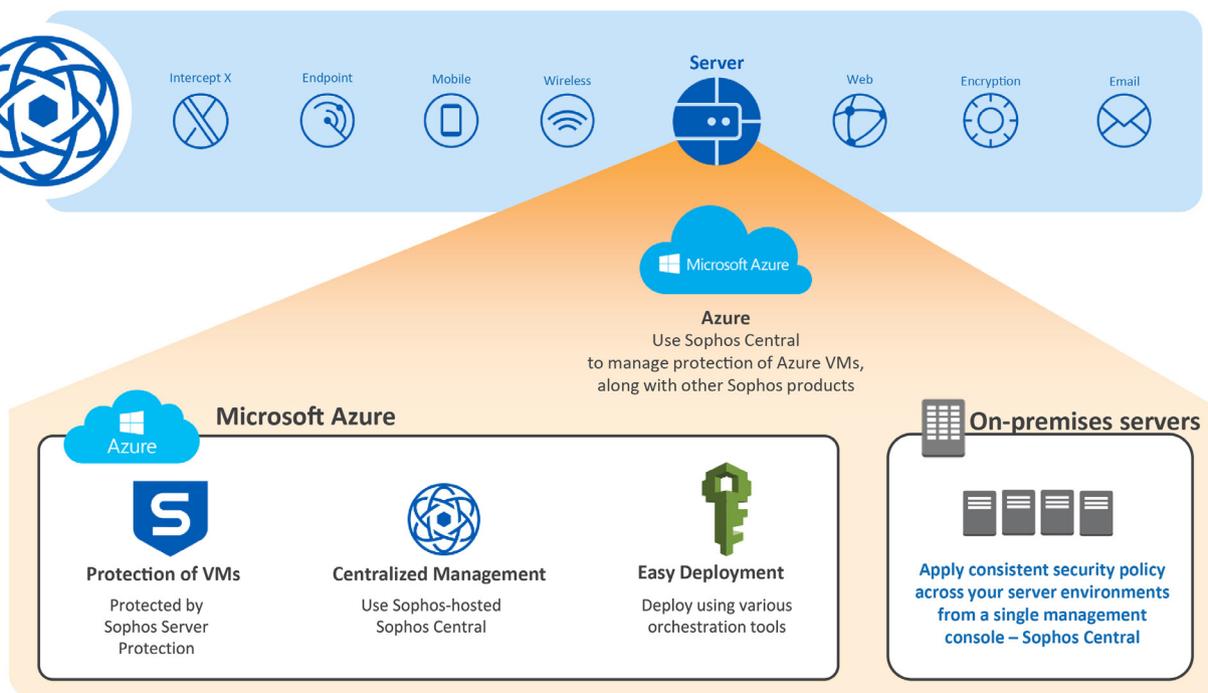
The Server Protection in Azure guide tells you how to do the following on Windows or Linux servers:

- ▶ Deploy VMs with Sophos Server Protection Agent when launched.
- ▶ Create an image with Sophos Server Protection Agent.
- ▶ Deploy a new VM with a Sophos agent from an image.

Link to Server Protection in Azure Getting Started Guide  
<https://www.sophos.com/en-us/medialibrary/PDFs/factsheets/Sophos-Central-Server-Protection-in-Microsoft-Azure.pdf?la=en>

The Sophos Server Protection Agent can be installed on existing Azure VMs by following the guidance in the following article: *Knowledge Base Article 119265: How to deploy the Sophos Central software.*

Details of the domains and ports required for communication between the Sophos Server Protection Agent and the Sophos Central Admin console can be found in the following article: *Domains and ports required for communication to and from Sophos Central Admin and the Sophos Central-managed client software.*



## Considerations for Securing Azure deployments

### 1. Why use Sophos Server protection on Azure:

- ▶ Customers saving infrastructure costs must still protect their data and applications being used in the Azure cloud. Microsoft refers to this as the Shared Responsibility Model.
- ▶ Very often customers moving existing applications to Azure require a hybrid environment encompassing both on-prem and Azure. Sophos Server Protection secures both environments consistently and seamlessly.
- ▶ When DevOps is used to automate IT, Sophos supports and provides scripts for deployment, assuring policy compliance while automating processes.

### 2. Key considerations regarding Azure security:

- ▶ How sensitive is the data in Azure? How will you protect the server images and prevent malicious access?
- ▶ Are your compliance concerns addressed?

## Licensing

Sophos Central Server Protection is licensed per server, with a choice of the Standard or Advanced licenses depending on the features desired. Sophos tracks license usage information in your Sophos Central management console, so you simply need to select the number of Server Protection licenses based on the estimated number of servers. Sophos Central will count and indicate the number of Server Protection agents actually in use.

Learn more about Sophos Server Protection in Microsoft Azure at [sophos.com/azure](https://sophos.com/azure)

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