

# Security in Azure: Sophos Extends Protection



Shared Responsibility Model	On-Prem	Azure	Responsibility	Sophos Assists
Data classification and accountability			Define and enforce who can access what data, while ensuring compliance standards are met.	Sophos Cloud Optix delivers compliance automation, governance, and security monitoring in the cloud. While Sophos Safeguard and Mobile extend data security outside of Azure.
Client & end-point protection			Endpoint Protection is critical to stop data loss and malware propagation.	Endpoint anti-malware/anti-exploit on Windows, Windows Server, and Linux.
Identity and access management			Enforce authentication, define access restrictions, and track credential use.	XG Firewall enforces inbound/outbound authentication with SSO and 2FA.
Application level controls			Prevent application compromise through patching and security.	XG and Server Protection provide multiple tools to protect against application attacks.
Network controls			Configure and track network access permissions.	Easy-to-use interface, deep packet inspection, and Synchronized Security.
Host infrastructure			Configure, manage and secure storage, and platform services.	
Physical security			Leverage Microsoft-supplied redundancy options to avoid SPOF.	

Cloud Customer
  Microsoft

Unparalleled Protection

Automated Incident Response

Real-time Insight and Control

# Smarter, End-to-End Public Cloud Security

## Synchronized Security

An industry first, Synchronized Security links your endpoints, servers, and firewall to enable unique insights and coordination. The Security Heartbeat™ relays endpoint and server health status and enables your firewall to immediately identify and respond to a compromised system on your virtual network. The firewall can isolate systems until they can be investigated and cleaned up. Another Synchronized Security feature, Synchronized App Control, also enables the firewall to query the endpoint to determine the source of unknown traffic on the network.

## Cloud security posture management

- Cloud Optix agentless, SaaS-based service works perfectly with your existing business tools to simplify cloud security monitoring and compliance
- Multi-cloud asset Inventory with complete network topology visualization
- Continuously monitor compliance with out-of-the box CIS, GDPR, SOC2, and PCI DSS templates

## Server and workload protection

- Intercept X for Server Protects your servers, and your data, from malware and ransomware extortion
- Whitelists trusted services in minutes, while intelligently allowing updates
- Unifies policy management in Sophos Central to manage server workloads – hybrid security made easy!

## Next-gen firewall

- Deep packet inspection for Azure with IPS, ATP, URL filtering, and in-depth reporting
- Bidirectional antivirus for WAF with authentication offloading, path-based routing, and country-level blocking
- Easy to set up and easy to use self-services SSL and HTML5 VPRN technologies that make connecting from anywhere and on any device a reality – without administrative overhead



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