Sophos Cloud Security for Amazon Web Services

The World's Most Trusted Cloud Security Platform

Discover Sophos Central

A single intuitive security management platform to enable your digital transformation, trusted by over 150,000 customers world-wide.

‣ All-in-one network security with next-gen firewalls

‣ Cloud workload protection and EDR for Amazon EC2

‣ Optimize AWS spend and detect security and compliance risks

‣ Automate pipeline security for secure DevOps

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.

Cloud security posture management

Cloud Optix agentless, SaaS based service works perfectly with your existing business tools to simplify security monitoring, compliance, security monitoring, and DevSecOps processes.

‣ Multi-cloud asset Inventory with complete network topology and traffic flow visualization

‣ Continuously monitor compliance with custom or out-of-the box templates for standards such as CIS, SOC2, GDPR, HIPAA, ISO 27001, and PCI DSS

‣ User behavior analytics or traffic-based anomaly detection using powerful artificial intelligence and alert correlation for faster remediation

‣ Continuously scan Infrastructure-as-Code templates deployed from solutions such as Terraform, Github, or Bitbucket

‣ Enable teams to monitor spend across AWS and Azure in a single console, and receive detailed recommendations to optimize costs

Cloud workload protection

Secure your public cloud, on-premises, or hybrid server environments with Intercept X for Server with EDR.

Enable server-specific policies for groups of EC2 Instances efficiently, with consistent management across cloud and hybrid environments. Protect virtual machines from the latest threats, including ransomware, fileless attacks, and cloud-specific malware. While EDR takes threat hunting and IT security operations to the next level with powerful querying and remote response capabilities.

Next-gen firewalls

Sophos next-gen firewalls provide the world's best network visibility, protection, and response to secure your AWS environments. Integrating multiple, leading security technologies into a single preconfigured EC2 instance. Sophos XG Firewall and Sophos UTM provide web application firewall, IPS, advanced threat protection, cloud sandboxing, web content filtering, reporting, and VPN gateway.

SOPHOS

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SHARED RESPONSIBILITY MODEL	ON-PREMISES	PUBLIC CLOUD	SAAS	WHY?	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, DLP, and Mobile help secure data and determine access permissions.
Endpoint protection	●	●	◑	Stop data loss and malware propagation.	Sophos Endpoint, Server Protection, Mobile, and Intercept X anti-malware/anti-exploit on Window (Servers), OS X, Linux, Android, and iOS.
Identity and access management	●	●	◑	Enforce authentication, define access restrictions and track credential use.	XG Firewall and UTM enforce in/outbound authentication with SSO and 2FA and provide detailed access reporting.
Application controls	●	●	◐	Prevent application compromise through policy, patching, and security.	UTM/XG's IPS and Server Protection's HIPS and Lockdown protect against application attacks and unintended application exposure.
Network controls	●	◑	◐	Track and enforce network access permissions.	UTM/XG Firewall's easy to use interface, powerful packet inspection, and Synchronized Security (only on XG) help secure and manage network access and enforce network priviliges.
Host infrastructure	●	◑	◐	Manage and secure operating systems, storage solutions and related services to prevent unpatched bugs and privilige escalations.	Sophos Intercept X protects against zero-day threats by looking at exploit techniques, Server Protection Lockdown enforces runtime restrictions, and Sophos XG Sandstorm stops unknown code proliferation.
Physical security	●	◐	◐	Restrict physical access to systems and design redundancy to prevent SPOF.	Both Sophos UTM and XG Firewall have High Availability deployment options for both physical appliances and on cloud platforms.

● Cloud Customer   ● Platform Provider

Unparalleled Protection   **Automated Incident Response**   **Real-time Insight and Control**

aws

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