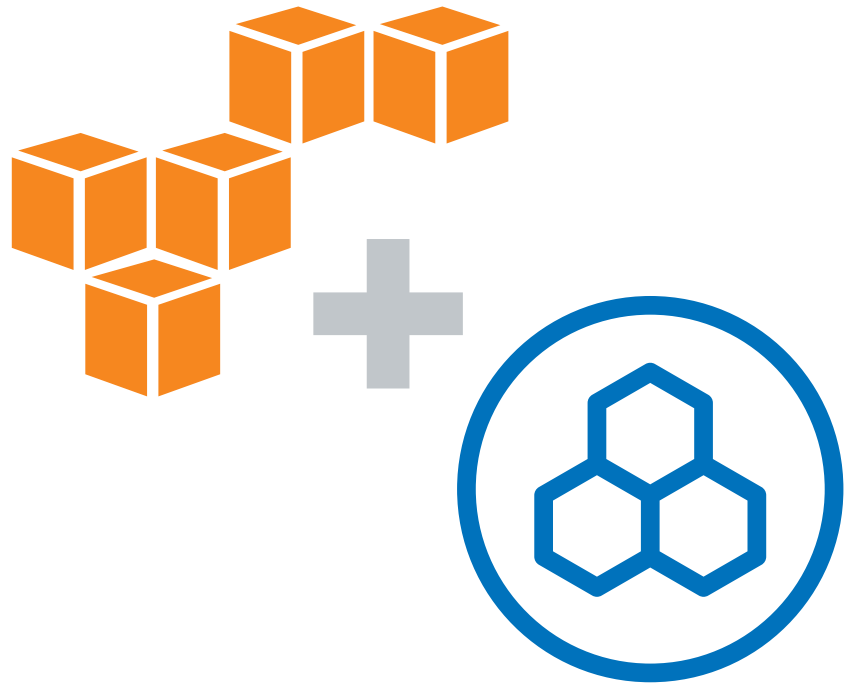


**SOPHOS**



# Sophos UTM on AWS

Public cloud security that integrates WAF, IPS, VPN, web security, and next-gen visibility and control into one easy-to-use solution.

## Making security simple for you on AWS

Sophos UTM on AWS continues our tradition of making security technology available in the most frictionless, simplified manner possible. Whether you're new to AWS or a seasoned expert, you'll appreciate a solution that understands AWS and helps customers start protecting their cloud infrastructure around the globe in just a few clicks.

## But AWS is a secure platform. How can I be hacked?

While it's true that AWS is secure, and meets an extensive list of global security standards requirements, AWS recommends customers take additional steps to protect and secure their applications. This is referred to as the Shared Responsibility Model.

AWS manages security of the cloud; security in the cloud is up to you. As data moves on virtual roads from the cloud to computers on the network, it's susceptible to all sorts of attacks, just like any datacenter.

Think of your data like money in the bank. That money needs several layers of protection. You'll need to provide your data with vault locks, alarm systems, armored cars, guards, security checkpoints, and other methods of protection to ensure that nothing is being allowed into the servers or computers that could compromise the data.

Take a look at the key things you need in order to secure your data.

**Sophos is Leading the Way**

**Experience: Sophos UTM launched on AWS in 2011**

**Innovation: UTM Auto Scaling support**

**UTM High Availability support**

**Recognition: AWS Security Partner Competency**

## Sophos UTM on AWS

- Automatically scales to provide protection for your web applications
- Purpose-built, layered security platform, optimized for inbound and outbound traffic to AWS
- Complete Next-Gen Firewall, IPS, Web Application Firewall, Secure Web Proxy, and VPN Gateway
- Simple, web-based management console
- Extensive real-time and historical reporting and logging options

## That's where Sophos UTM on AWS comes in

Get all the protection your data needs while moving through AWS with one comprehensive security system. Integrating directly with AWS, Sophos UTM gives you complete security from the network to your applications in a single modular system that ensures high availability and scalability. It simplifies your security without the complexity of multiple-point solutions, and provides detailed reports all in a single intuitive interface.

As a partner in the AWS Partner Security Competency Program, Sophos is recognized as one of only a handful of companies with long-term success in infrastructure security – reason enough to know your data is safe. It's much more than that, though. Because we've architected Sophos UTM to be compliant with all of AWS best practice designs to make sure your security takes advantage of everything AWS has to offer. The security is certifiable on the top through Sophos UTM and on the bottom through AWS.

This also means Sophos UTM on AWS uses the same services you use to automate your infrastructure, like EC2, ELB, Auto Scaling, CloudFormation, CloudWatch, WorkSpaces, S3, and more. Sophos UTM on AWS supports the same level of high availability and elasticity that makes AWS such a valuable asset.

## AWS Security Partner Competency

Sophos is an AWS Security Competency Partner for infrastructure security, based on technical proficiency and proven customer success with

Sophos UTM. To find out more about the AWS Partner Competency Program, visit [aws.amazon.com/security/partner-solutions/](https://aws.amazon.com/security/partner-solutions/)

**"Sophos UTM is an integral part of REAN security solutions for AWS customers wanting to enhance their cloud security posture, especially customers in regulated industries like government, healthcare, and financial services where security and compliance."**

– Sri Vasireddy, President, REAN Cloud

## What is Auto Scaling?

Auto Scaling helps ensure that your environment has adequate computing capacity to match traffic processing requirements. It does this by monitoring traffic loads and automatically adding additional EC2 instances as needed during traffic spikes. When traffic conditions return to normal, unneeded instances are terminated to save on costs. It supports the ebb and flow of web and application traffic in the most efficient way possible.

Similarly, Sophos UTM on AWS expands and contracts by adding and removing UTM Workers in tandem with EC2 instances based on traffic increases or decreases. This guarantees that no matter how much data is being processed at one time, or how many instances are needed to support that traffic, your data will always be secure.



## Inbound and outbound security

So many security solutions focus on protecting your infrastructure from bad guys who live outside your infrastructure. But as any security professional can tell you, internal threats pose just as much risk. Sophos UTM on AWS allows your security to inspect both inbound and outbound traffic to ensure attacks launched from outside are stopped and traps set inside are found.

Our web protection protects your web applications from attacks like SQL injection and cross-site scripting while our web policy allows you to set filter policies for Amazon WorkSpaces. Sophos UTM on AWS combines all these rules and security features into one solution so you can see both inbound and outbound traffic in your AWS environment.

## This all makes sense, but why Sophos UTM on AWS over other security solutions?

Sophos UTM on AWS provides the necessary security layers required to adequately protect your AWS environment in one solution. This reduces the costs and efforts associated with managing multiple solutions to achieve the same level of protection. This all-in-one security solution scales to meet demand while continuing our tradition of simple security. A simple, cost-effective solution for complex environments and the threats and challenges they face.

You could get multiple products from a variety of other vendors. However, if they're not integrated with each other like Sophos UTM on AWS, the services don't talk to each other, or if they are able to communicate at all, require some heavy lifting to work together.

No other solution combines security modules like WAF, IPS, and VPN out of the box like Sophos UTM. And if the solutions don't integrate with AWS services, they won't be able to automatically adjust to changes as needed. With Sophos UTM on AWS, the security modules share intelligence and provide detailed information on current and past threats. You gain enormous amounts of insight that would normally be lost, which could potentially increase your risk because of that lack of intersystem communication. You also gain efficiency with lower costs and less administration because Sophos UTM integrates these modules with AWS.

## Sophos UTM on AWS to the Rescue

Pango Mobile Parking needed a secured, PCI-DSS compliant system inside AWS in order to enable smart parking from multiple platforms. No small task considering the strict regulations regarding cardholder information.

Sophos UTM was up to the task, equipping the network with a firewall to enable secure access, including VPN and SSL, as well as to detect suspicious activity and support network security intrusion detection and prevention — all while supporting file changes and data integrity.

Pango Mobile Parking now has a PCI-DSS compliant cloud solution that provides high availability and global distribution.

# Mix and match as your needs dictate

One of the added benefits of an integrated security system over multiple, independent solutions is that Sophos UTM on AWS can be tailored to an organization's specific business requirements. It comes standard with an essential network firewall that provides fundamental security like firewalling, networking tools, routing and secure remote access. And our modular approach lets you add layers of protection as your needs evolve.

Consult a Sophos representative specifically for details on how to customize your Sophos UTM on AWS.

	Next-Gen Firewall	BasicGuard	FullGuard
<b>Modules</b> Choose the ones you need	<b>Try it for Free</b>	<b>Try it for Free</b>	<b>Try it for Free</b>
<b>Essential Firewall - Free</b> Network Firewall, NAT, Native Windows Remote Access	Full	Full	Full
<b>Network Protection</b> IPSec/SSL, ATP, VPN, IPS, DoS Protection	Full	Basic	Full
<b>Web Protection</b> URL Filtering, Application Control, Dual Engine Antivirus	Full	Basic	Full
<b>Email Protection</b> Anti-spam, Email Encryption and DLP, Dual Engine Antivirus	Optional	Basic	Full
<b>Wireless Protection</b> Wireless Controller, Multi-SSID Support, Captive Portal	Optional	Basic	Full
<b>Webserver Protection</b> Web Application Firewall, Reverse Proxy, Antivirus	Optional	-	Full
<b>Endpoint Protection</b> Antivirus, HIPS, Device Control	Optional	Optional	Optional

# The Modular Approach

Sophos UTM on AWS includes several modules, which can be added and subtracted as needed:

- **Network Protection** stops sophisticated attacks that a firewall alone can't stop
- **Web Protection** lets you protect your employees from web threats and control their time online
- **Web Server Protection** hardens web servers and apps ensuring compliance with a WAF
- **Endpoint Protection** provides your computers and servers with antivirus, device and web control
- **Application control** you decide which types of application traffic are allowed, blocked, or controlled in AWS

Contact your Sophos representative today to learn how to access your 30-day free trial of Sophos UTM on AWS or visit us at [sophos.com/aws](http://sophos.com/aws)

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