



Start Building Your Zero Trust Security Foundation with AWS

Done right, a Zero Trust framework enables building a flexible, identity-aware network that reduces your attack surface, eliminates unneeded pathways to data, and provides straightforward outer security guardrails. Using building blocks from AWS and AWS Partners, you can apply Zero Trust concepts on a continuous basis to make meaningful security improvements across your organization.



60%





of organizations will embrace Zero Trust as a starting point for security by 2025¹

The global Zero Trust security market will grow from

\$27.4 billion in 2022  **\$60.7 billion** in 2027²

How can Zero Trust enhance security?

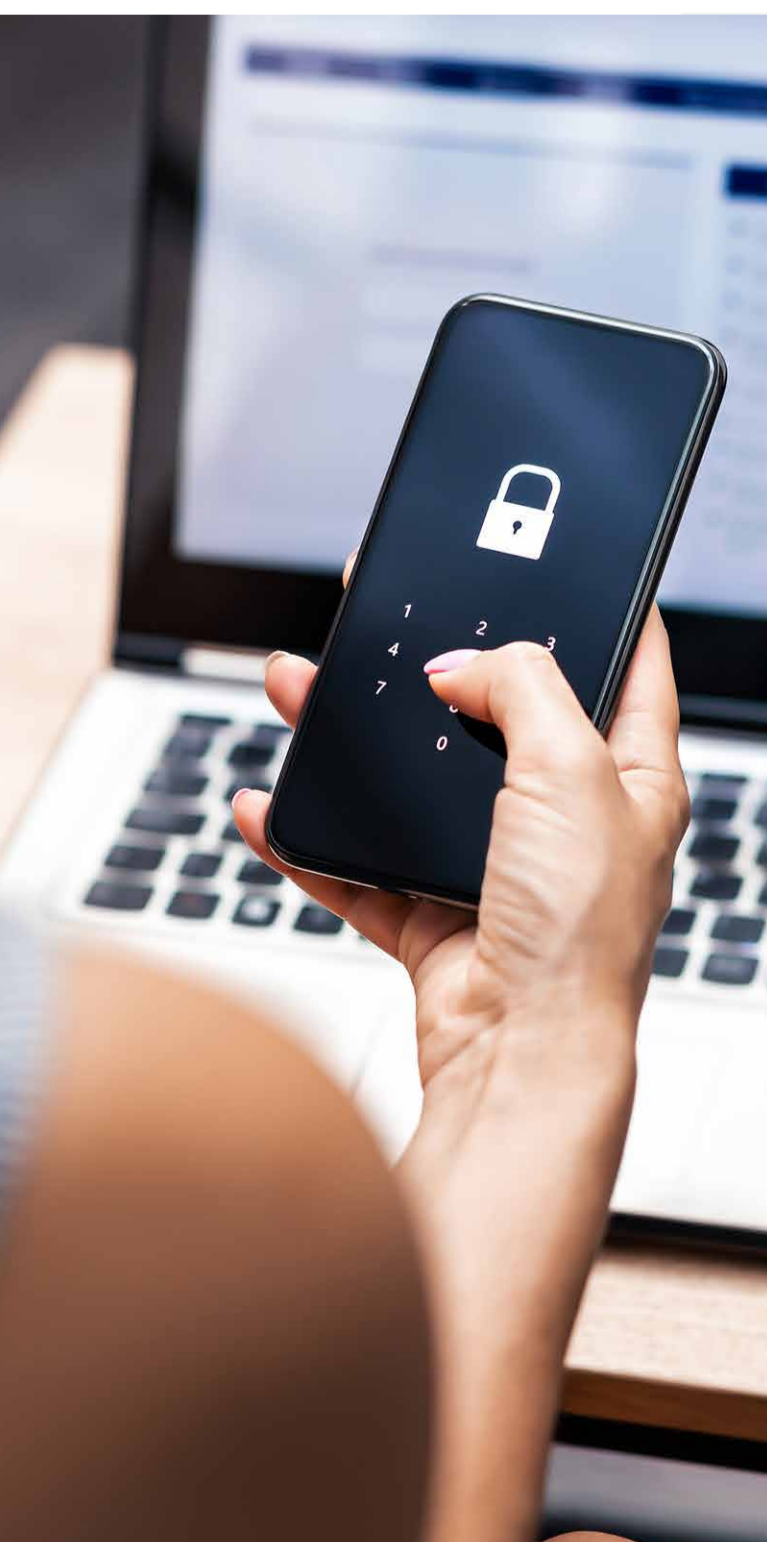
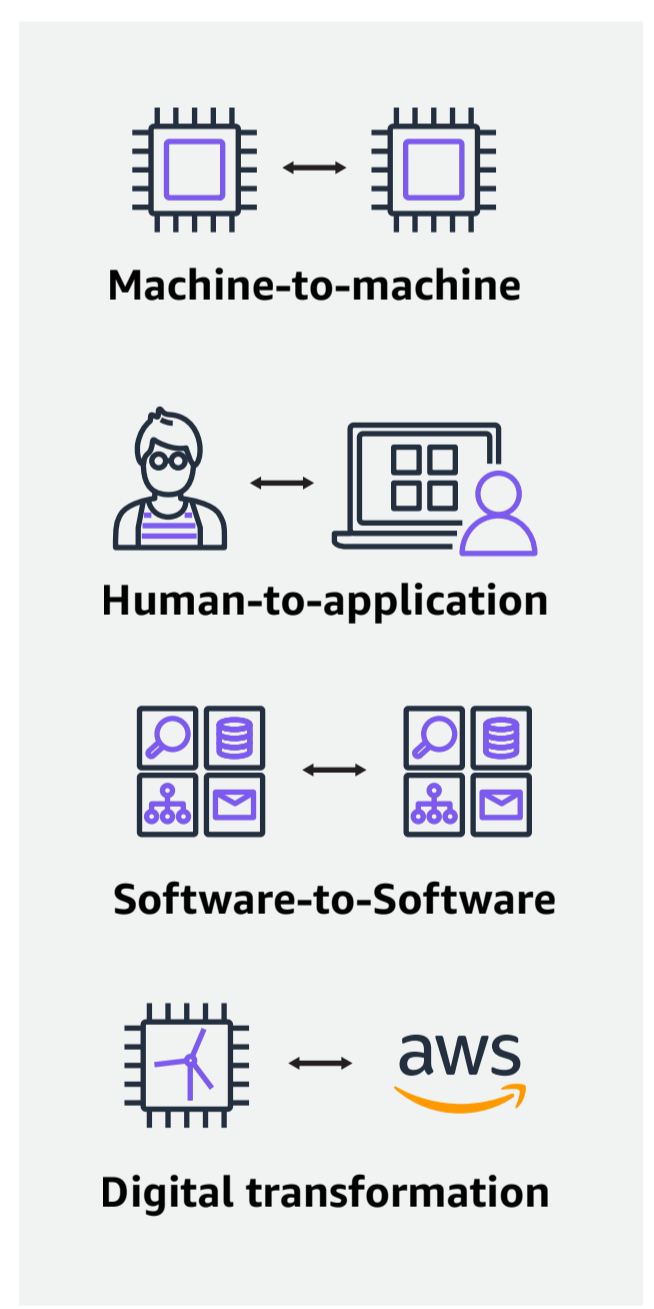
A Zero Trust security model can help organizations:

-  Protect against ransomware
-  Keep remote workers secure
-  Streamline security systems from merging and acquiring companies
-  Evaluate on-premises resources that migrate to the cloud

Go from zero to Zero Trust with three AWS principles

The AWS vision for Zero Trust can be broken down into three guiding principles that outline how you can apply a Zero Trust framework:

- 1** Use identity and network capabilities together: the best security comes by using both effectively in combination with each other
- 2** Work backward from your specific use cases
- 3** One size doesn't fit all: Apply Zero Trust to your systems and data in accordance with their value



AWS has Zero Trust built in

A number of AWS identity and networking services provide core Zero Trust building blocks as standard features that can be applied to both new and existing workloads:

Signing AWS API requests

AWS processes millions of signed API requests per second on a global basis. All of these signed API requests are individually authenticated and authorized.

Securing AWS service-to-service interactions

Identity-centric controls form the basis of the security model between AWS services.

Adopting Zero Trust for internet of things (IoT)

All traffic between your connected IoT devices and the AWS IoT services is sent using device authentication.

Monitoring behavior with Amazon GuardDuty

Continuously monitor your AWS accounts, instances, container workloads, users, and storage for potential threats.

Ready for Zero Trust?

No matter where you are in your Zero Trust journey, AWS not only provides Zero Trust building blocks but is also home to an extensive network of proven partners who can help you achieve your Zero Trust goals.

Visit the [AWS and AWS Partner Zero Trust webpage](#) to learn more.

¹ Gartner. "Top 8 Cybersecurity Predictions." 2022.

² MarketsandMarkets. "Zero Trust Security Market." 2021.