

# Boost Security with AWS Cloud Zero Trust Solutions

## Why Zero Trust?

Widespread breaches by hostile actors, the rising number of remote employees and bring-your-own-device (BYOD), the growth of software as a service (SaaS), and cloud migration have rendered perimeter-based security obsolete. The Zero Trust approach to cybersecurity—now mandated by a Presidential Executive Order—is growing rapidly in the public.



of enterprises accelerated their Zero Trust networking strategies due to the pandemic. (Gartner)



year-over-year growth in the number of North American organizations that have or plan to have a defined zero trust initiative on the books in the next 12–18 months. (Gartner)



of organizations in North America are currently working on Zero Trust projects. (Enterprise Management Associates [EMA]).

## SEVEN CHALLENGES ZERO TRUST SOLVES

### Network Architecture, Monitoring, Access Control



76%

of enterprises have seen an increase in the number of personally owned devices connecting to their networks during the pandemic, with 33% characterizing this increase as significant (EMA). A new network architecture would provide monitoring and access control.

### Automated Response



61%

of enterprises reported that pandemic-related changes to their businesses have directly led to an increase in security issues (EMA). This increased rate of cyber incidents has led to greater need for automated response.

### Continuous Access Control & Monitoring



35%

of respondents in a recent EMA survey rated **improved governance risk and compliance** as a top benefit of Zero Trust and

28%

rated **mitigation of unauthorized access** as the top benefit. Continuous access control and monitoring facilitates both of these outcomes.

### Visibility



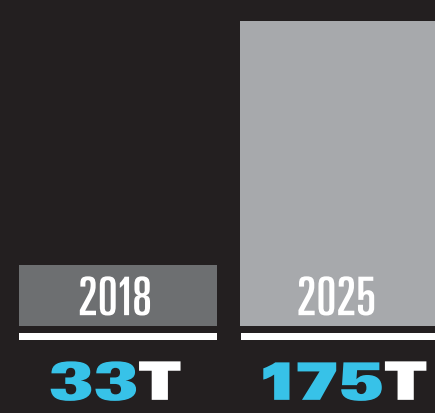
59%

In a 2020 SANS survey of Network Visibility and Threat Detection, 59% of respondents rated the risk posed by a **lack of visibility into devices** on their networks as High or Very High.

30%

of respondents ranked **identifying unknown or unauthorized devices** as a top security challenge.

### Data Protection



The collective sum of global data is predicted to grow from **33 trillion** gigabytes in 2018 to **175 trillion** gigabytes in 2025. (International Data Corporation [ADC]/Seagate)

**175 Trillion**

### Identity and Access Management



71%

of those with Zero Trust initiatives reported that they had increased the security requirements of their network-access policies during the pandemic. (EMA)

### Application Security



82%

of known vulnerabilities are in **application code**, with

90%

of **web applications** vulnerable to hacking. (Positive Technologies)

For more information on AWS Cloud Zero Trust Solutions, contact us today.