



Modern zero trust security for private apps on AWS

Challenges

Legacy security is inadequate for today's cloud and mobile first world

Organizations face significant challenges as they migrate apps to the cloud and struggle to support remote and hybrid workers. Legacy hub-and-spoke networks and perimeter security products (VPNs and firewalls) were never designed for the cloud. They provide a poor user experience, expand the attack surface, enable threats to move laterally across networks, and increase costs/complexity.

As users work from anywhere, using any device, accessing private apps on AWS shouldn't be slow, complicated, or risky.

The Zscaler Solution

Cloud-native zero trust security with an exceptional user experience

Zscaler Private Access (ZPA) provides users with direct, zero trust connectivity to private apps on AWS or on-premises from any location or device. AI-powered recommendations for user-to-app segmentation and policies are automatically created, based on machine learning, to minimize the attack surface and prevent lateral threat movement.

A cloud native service, ZPA can be deployed in just hours to replace legacy VPNs and VDIs – reducing cost and complexity, while providing fast access and a positive user experience.

Benefits

Zscaler Private Access (ZPA) provides industry leading¹ zero trust security and fast, direct access to private apps on AWS



Accelerate app migration to AWS

- Automatically discovers apps to protect and provides consistent security and fast access throughout the app migration process,
- reducing time, cost and complexity



Fast and secure remote access

- Users and private apps (including business partner's private apps) connect directly, never to the network, for fast performance while minimizing the attack surface and eliminating lateral threat movement



Minimize the attack surface

- Applications reside behind the Zero Trust Exchange, making them invisible to the internet and threats



Protects against cyberthreats



- Full inline inspection identifies threats to prevent the exploitation of private apps and automatically stops the most prevalent web attacks

¹Gartner: [Magic Quadrant for Security Service Edge \(SSE\), April 15, 2024](#)

Zscaler on AWS

The Zscaler Zero Trust Exchange is the world's largest inline security cloud and it protects thousands of AWS customers. Zscaler securely connects users to workloads, workloads to workloads, and devices to devices with over 160 PoPs globally and in most AWS regions, including GovCloud East and West.

Features

-  **Fast, secure remote user access**
 - Unlike traditional networks and legacy castle and moat security (VPNs, firewalls, etc.), Zscaler Private Access (ZPA) delivers zero trust least-privileged access by connecting users directly to private apps (including business partner's apps) and workloads – never to the network. This reduces the attack surface, prevents threats from moving laterally, and eliminates backhauling of traffic over slow, expensive VPNs. As a result, remote users enjoy fast, secure, and reliable access to private apps and workloads wherever they reside.
-  **Accelerate app migration to AWS**
 - Zscaler Private Access quickly discovers apps so organizations can prioritize their migration. Zscaler provides consistent, direct access and security before, during and after migration and is cloud native, which eliminates delays caused by hardware lead times, transportation, and installation. Zscaler utilizes business policies for user access, eliminating complex legacy policies based on IP addresses, ACLs, etc. This enables organizations to quickly identify, protect, and migrate apps to AWS while reducing costs and complexity.

Case Study: Guaranteed Rate

guaranteedRate®

Challenges

- Using VPN to connect to hundreds of private apps increased the attack surface
- Backhauling traffic from 500+ branch offices hindering performance
- Legacy firewall couldn't detect zero-day threats, putting users and data at risk

Results

- Minimized attack surface and provided fast, zero trust access to apps
- Reduced risk of compromise with inline TLS/SSL traffic monitoring and AI-powered advanced threat protection
- Prevents lateral threats and provided a positive user experience

“Zscaler makes access to applications snappier for our users.... since we don't have to backhaul traffic to our data centers and users are connected directly to apps, response time is two to three times faster.”

Darin Hurd

Chief Information Security Officer, Guaranteed Rate

Obtain Zscaler solutions on the [AWS Marketplace](#) and learn more about [Zscaler for AWS](#) today.

 | Experience your world, secured.™

About Zscaler

Zscaler (NASDAQ: ZS) accelerates digital transformation so that customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location. Distributed across more than 160 data centers globally, the SASE-based Zero Trust Exchange is the world's largest inline cloud security platform. Learn more at [zscaler.com](#) or follow us on Twitter [@zscaler](#).

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