Challenges
Legacy networks, VPNs, and firewalls are ineffective in today’s cloud and mobile-first world

Organizations face significant challenges as they migrate apps to the cloud and struggle to support workers that were once located at the headquarters, but now work remotely or in a hybrid environment. Legacy hub-and-spoke networks and perimeter security products (VPNs and firewalls) were never designed for the cloud. As users work from anywhere with any device, connecting to private apps on AWS shouldn’t be slow, complicated, or risky.

Today’s organizations require a modern, cloud-native zero trust solution that enables workers to securely and seamlessly connect to the private apps they need to remain productive and happy.

The Zscaler Solution
Cloud-native security that reduces business risk, lowers costs, and improves user productivity

Zscaler Private Access (ZPA) is the world’s most deployed zero trust network access (ZTNA) platform, applying the principles of least privileged access to give users fast, direct and secure connectivity to private apps running on-premises or on AWS from anywhere, using any device. By deploying ZPA organizations can eliminate the cost, complexity and performance challenges associated with legacy network and perimeter security products (VPNs, firewalls).

As a cloud-native service built on a holistic security service edge (SSE) framework, ZPA can be deployed in just hours for fast, secure, direct access to private apps and a positive user experience.

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

- Quickly migrate apps 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 for users
  - Users and private apps connect directly, never to the network, for fast performance while minimizing the attack surface and eliminating lateral threat movement

- Workload-to-workload security
  - Secure workload-to-workload connectivity and communication across AWS, hybrid and multi-cloud environments with ZPA for Workloads

- 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 10, 2023
Zscaler on AWS

The Zscaler Zero Trust Exchange is the world’s largest inline security cloud, built on AWS, and it protects thousands of AWS customers. Zscaler securely connects users to workloads, workloads to workloads, and devices to devices with over 150 PoPs globally and in most AWS regions, including GovCloud East and West. Unlike VPNs, Zscaler Private Access (ZPA) provides users with fast, direct connectivity to private apps and workloads, reducing the attack surface and eliminating lateral threat movement. ZPA also inspects all private app traffic to stop cyberthreats and prevent data loss. And ZPA enables faster migration of production workloads to AWS by reducing cost and complexity.

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 authorized users directly to specific AWS private 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 on AWS.

- **Quickly migrate apps 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: Gowmark

**Challenges**

- Remote workers across 500 rural locations struggled with slow, unreliable connections to hundreds of private apps hosted on AWS and on-premises.
- Growmark needed to quickly move away from legacy VPNs to a modern zero trust, cloud-first environment.

**Solution**

- Zscaler Private Access (ZPA) for fast, direct access to hundreds of private apps hosted on AWS and at corporate data centers.
- Zscaler Internet Access (ZIA) for secure access to internet and SaaS apps.

**Results**

- Quickly deployed Zscaler cloud-native zero trust security, replacing legacy VPN products.
- Remote workers across all locations enjoy fast, direct, reliable access to private apps on AWS and on-premises.
- Reduced the attack surface, improved security posture, and reduced the administrative burden on IT.

Obtain Zscaler solutions on the AWS Marketplace and learn more at the Zscaler website today.