

Zscaler™ Private Access and Amazon Web Services



SOLUTION OVERVIEW

Zscaler Private Access (ZPA) provides policy-based, secure access to private applications and assets without the cost, complexity, or security risks of a VPN. Now, ZPA's secure, on-demand connectivity is available for workloads running on virtual private clouds (VPCs) on Amazon Web Services (AWS).

As organizations move workloads to the cloud, many are selecting the industry-leading cloud provider Amazon Web Services (AWS). Now Zscaler, with its Zscaler Private Access (ZPA) service, is helping customers securely connect to these workloads on AWS.

While the industry standard for remote access has been the virtual private network (VPN), the VPN does not lend itself well to the use of cloud services, nor is it effective for providing secure access for the new enterprise landscape that features both distributed applications and distributed users.

The biggest problem with traditional VPNs is that, because they provide an “on-net” experience, they can open up your network to security breaches. ZPA is different. ZPA provides application-layer connectivity — never network-layer connectivity — and brings an additional layer of security through microsegmentation. If a user doesn't have access to a specific app, the user can't even verify its existence.

ZPA, with its scalable cloud-based architecture, can be deployed quickly and it's far easier to use and manage than VPNs. Finally, with ZPA there is no need for upfront CAPEX spending.

ZPA is now available on the AWS marketplace and has connectors that can be deployed in an AWS environment. The AMIs for the connectors are available in all the regions of AWS.

HIGHLIGHTS

Security

- Enables microsegmentation of apps within your VPC or data center; there are no inbound user connections or public IP addresses.
- Application authorization is performed before any connections are established, reducing the surface area for any attack on the network/VPC.

Rapid deployment

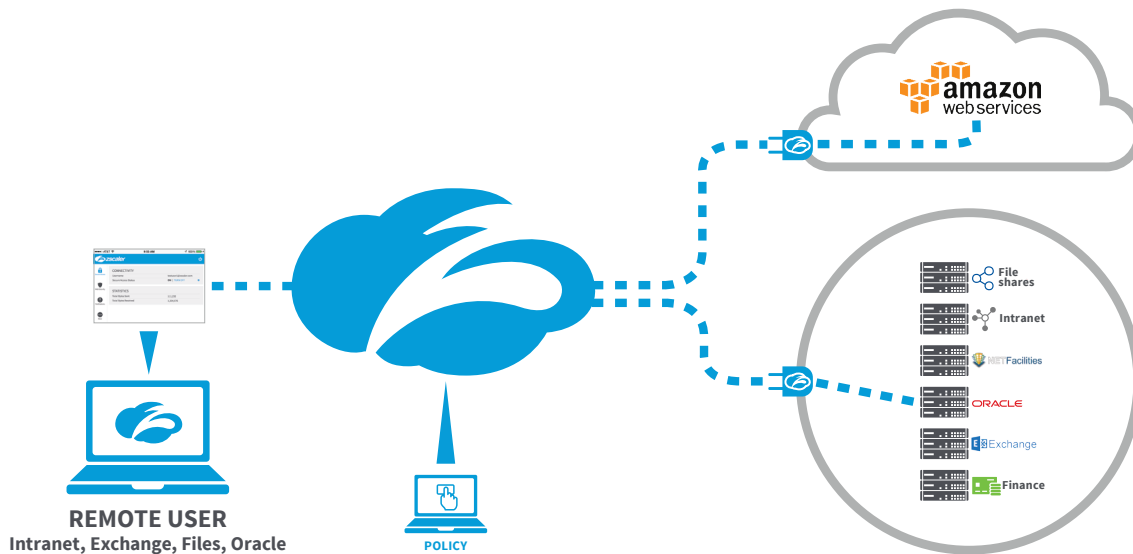
- Migrate applications seamlessly from the data center to a cloud environment without painful coordinated cutover periods.

User experience

- There's no need for site-to-site VPNs from the branch to the data center to the cloud with awkward user traffic trombones.

App discovery

- By provisioning a ZPA connector in front of your applications and enabling wildcard app access, you'll get an accurate mapping with the first user request. Then you can build the granular access policy around all your apps.



About Zscaler

By 2008, Zscaler founders could see that business was transforming, moving away from the corporate network and into the cloud. Believing that the only way to deliver security for the cloud would be in the cloud, we set out to build a global, multi-tenant platform with comprehensive, integrated security services and access controls to protect organizations from cyberattacks and prevent data loss. Today, Zscaler operates the world’s largest 100% cloud-delivered security platform, helping thousands of leading organizations make the secure transformation to the cloud. Learn more at www.zscaler.com.



About Amazon Web Services

With a long history in enabling enterprises to successfully adopt cloud computing, Amazon Web Services delivers a mature set of services specifically designed for the unique security, compliance, privacy, and governance requirements of large organizations. With a technology platform that is both broad and deep, customer-obsessed Professional Services and Support organizations, robust training programs, and an ecosystem tens-of-thousands strong, AWS can help you move faster and do more. Visit aws.amazon.com.

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