

Zscaler Autonomous User-to-App Segmentation



Eliminate lateral threat movement with precise user-to-app segmentation

AT-A-GLANCE

Remote access solutions like VPNs grant full network access, and they expose IPs and applications to the internet. VPNs extend the internal network to remote devices and, by design, require inbound traffic, exposing a public attack surface. Without proper network segmentation, a breach in one segment could compromise the organization's entire network. Having said that, implementing segmentation requires complex firewall rules that are difficult to maintain, often disrupt applications, and can complicate access for VPN users. Within large organizations, this often requires high-availability, complex routing, and costly private links.

Solution Overview

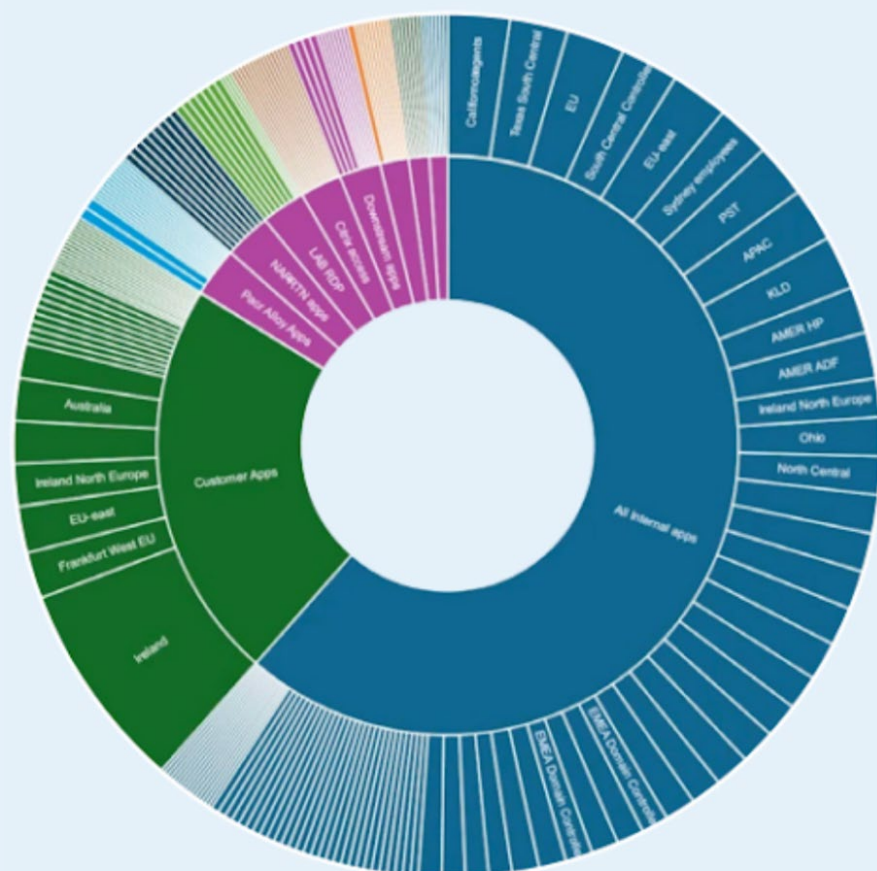
Zscaler Private Access (ZPA) enables application segmentation without needing to segment the network, and restricts users only to the applications they are allowed to access. Application segmentation lets security and IT teams organize applications into discrete groups and provide least-privileged access without having to segment the network. In the event of a network breach, app segmentation helps contain the threat at a more granular level, preventing attackers from accessing other parts of the network.

Zscaler Autonomous User-to-App Segmentation at the core of ZPA, delivers precise user-to-app segmentation and a robust solution for easily deploying consistent policies at scale, eliminating lateral threat movement. It helps you discover all applications within your organization and provides visual insights into which users or user groups have access to which applications.

Zscaler Autonomous User-to-App Segmentation automatically generates recommendations for app segments and policies based on machine learning models, simplifying implementation.

Accelerate your journey to zero trust segmentation

- **See Every Application by automatically discovering all inventoried and unmanaged applications in your environment.**
- **Segment With Intelligence with AI-Generated policy recommendations based on live traffic analysis.**
- **Strengthen Your Posture with a live insights dashboard for continuous optimization.**



Discover apps based on wildcards like *.acme.com



Enable secure, least-privileged access to user group

Discover all applications based on wildcards like *.acme.com, fine-tune policies to ensure the right access levels for the right user groups through multiple ML runs. Ensure secure, least-privileged access to all users or user groups.

Solution Benefits



ELIMINATE LATERAL THREAT MOVEMENT

Discover inventoried and unaccounted applications and use AI-generated recommendations to create precise policies. This shuts down pathways for lateral movement and drastically reduces your internal attack surface.



ACCELERATE YOUR ZTNA JOURNEY

Combine rapid app onboarding from tools like ServiceNow with powerful AI recommendations. This allows you to create secure segments and granular policies in drastically less time, speeding up your entire adoption of a Zero Trust architecture.



SIMPLIFY AND SCALE ZERO TRUST OPERATIONS

Simplify management by making it easier to configure app segments and policies at scale. Gain visibility into users' access patterns and policy usage, allowing you to assess and identify overly permissive rules and determine unused access policy rules.

About Zscaler

Zscaler (NASDAQ: ZS) accelerates digital transformation so customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange™ platform protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location. Distributed across more than 150 data centers globally, the SSE-based Zero Trust Exchange™ is the world's largest in-line cloud security platform. Learn more at [zscaler.com](https://www.zscaler.com) or follow us on Twitter @zscaler.

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Zero Trust Everywhere