

Cloud-delivered Security and Simplified WAN

Zscaler and Aruba automate optimal security policies for any user, application, or device at any location, using zero-touch provisioning

Overview

As applications migrate to the cloud, traditional WAN and security models struggle to keep pace with evolving traffic patterns. Enterprises once backhauled traffic through MPLS circuits to data centers, applying security at egress points with minimal branch office protection. Today, applications are distributed across data centres, public and private clouds, and SaaS platforms, with users accessing them from various locations and devices, creating challenges in managing network traffic and security.

The rise of IoT further expands the attack surface, increasing risks and vulnerabilities. Deploying next-gen firewalls at each branch is expensive and resource-intensive. Advanced security capabilities, such as sandboxing, intrusion prevention, SSL inspection, and data loss prevention, are essential to safeguard application traffic.

Epsilon addresses these challenges with centrally orchestrated, cloud-hosted security services like Zscaler. Integrated with Aruba's application-aware, business-driven Edge Services Platform (ESP), this solution delivers a robust Secure Access Service Edge (SASE) architecture, ensuring comprehensive threat protection, optimized application performance, and cost efficiency.

Secure WAN Access with Zscaler and Aruba

With the Zscaler Cloud Security Platform and Aruba's self-driving wide area network, branches connecting directly to the cloud can be provisioned and secured within minutes. This integration enables enterprises to maximize cloud investments, optimise application performance, and achieve secure SD WAN connectivity that adapts to business needs.

Cloud-first Enterprise Security Challenges

Unpredictable Application Performance

Inability to prioritise traffic and enforce business-driven security policies can degrade critical application performance

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Time-consuming Policy Configurations

Frequent manual reconfigurations of routers and firewalls delay deployments as cloud applications evolve

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Inconsistent Policy Enforcement

Ensuring consistent security policies across hundreds or thousands of sites is time-intensive and complex

Features

- **SASE Architecture:** Maximises cloud benefits, enhances business agility, and simplifies IT management.
- **Simplified Infrastructure:** Eliminates routers, next-gen firewalls, and on-premises devices while bolstering security.
- **99.999% Uptime:** Ensures fast, secure access to critical business applications.
- **Automated Provisioning:** Accelerates branch deployments with zero-touch setup.
- **Centralised Security Policies:** Delivers optimal, consistent protection across all locations.
- **Cost Reduction:** Replaces costly MPLS services and eliminates on-premise security appliance needs.

Solution Benefits

- **Fast, Secure Access to Critical Applications**
Prioritise business-critical applications to ensure optimal performance and reliability.
- **Accelerated Branch and Application Deployment**
Centralised policies and zero-touch provisioning streamline deployment processes for new branches and applications.
- **Global Consistency in Security Policies**
Automate updates and enforce consistent security standards across all user locations.

Modernising WAN and Security Frameworks

Granular Security Policy Enforcement

Aruba First-packet iQ enables precise traffic steering and security policy enforcement, optimising application performance while ensuring security

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Application, User, and Device-level Control

API integration between Aruba and Zscaler enables customised security policies, with Gateway Options supporting exceptions for specific apps, users, or devices

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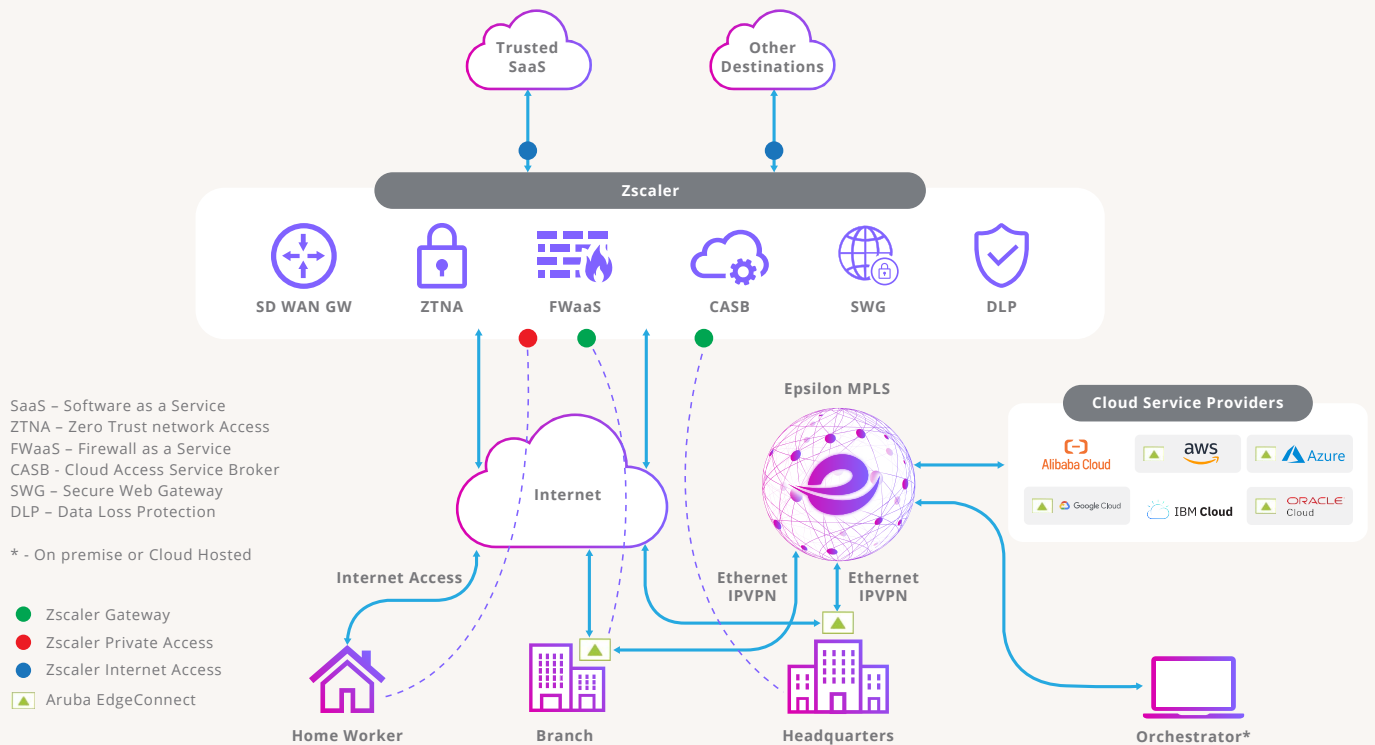
Centralised Management

Simplifies WAN infrastructure with zero-touch provisioning and centrally managed policies for consistent enforcement across thousands of sites

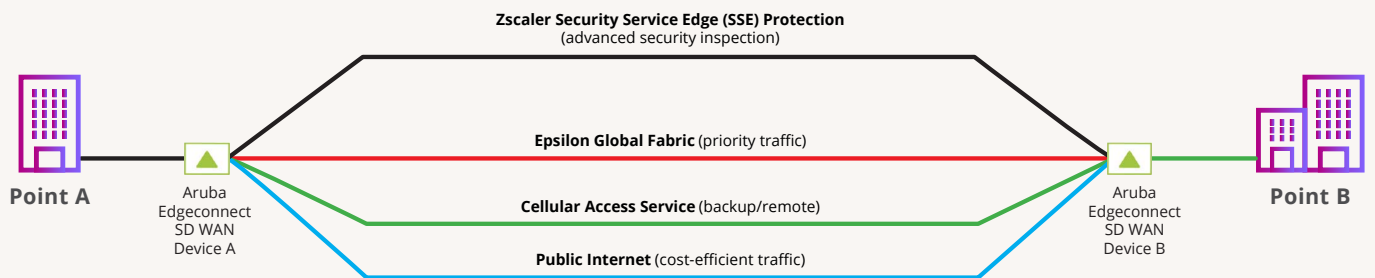
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Fully Automated Onboarding

Automates IPsec tunnel configuration between Aruba EdgeConnect SD WAN appliances and ZIA Public Service Edge PoPs, streamlining cloud-security onboarding



Zscaler Workflow



Benefits



Comprehensive Security

Cloud-delivered, zero-trust protection eliminates reliance on on-premise appliances.



Optimised Application Performance

Intelligent traffic routing ensures low latency and high reliability.



Scalability and Flexibility

Adapt to changing enterprise needs without compromising performance.



Simplified IT Operations

Centralised management reduces complexity and improves efficiency.



Cost Efficiency

Replace MPLS with high-performing broadband to cut costs.

“Epsilon’s cloud-native security solution empowers enterprises with scalable, cloud-integrated protection for users and locations, enhancing performance and reducing complexity.”



Aden Li
Product Manager,
SD WAN and Security
Epsilon

Why Choose Us?

Global Connectivity

Extensive global infrastructure ensures secure, high-speed connections anytime, anywhere.

One-stop Provisioning

Fully integrated SD WAN and security solutions eliminate multi-vendor management.

Seamless Orchestration

Simplified IT workflows enhance productivity and reduce complexity.

Customer-centric

24/7 global support from our team of experts.

Simplified Solutions

Effortlessly migrate applications to the cloud while maintaining security and cost efficiency.

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