

Aryaka Zones Access Security and Multi-Tenancy Solution Brief

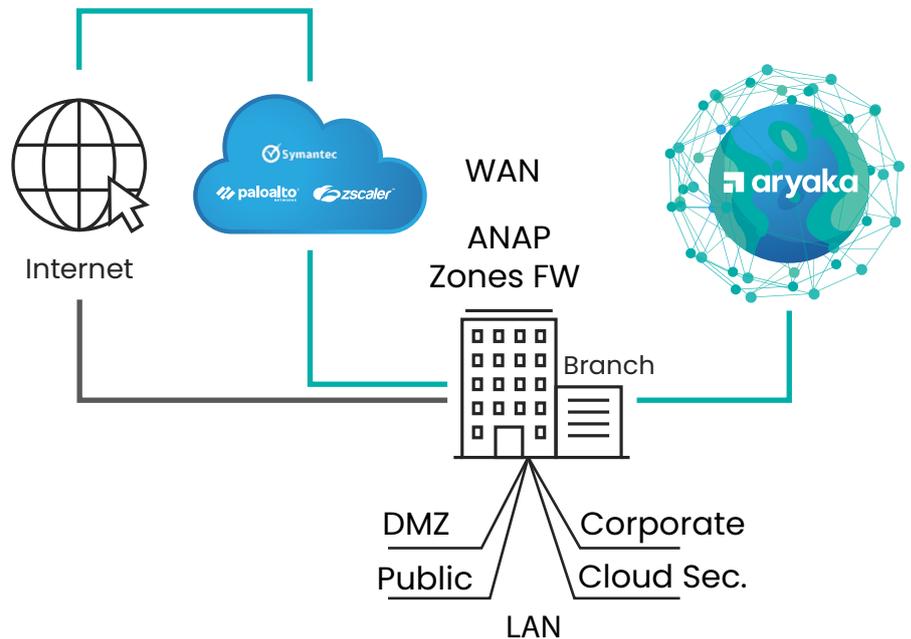
Solution Brief

The foundation for business growth is secure connectivity that can scale to protect your enterprise. Aryaka Zones is a stateful firewall capability that runs on Aryaka’s ANAP (Aryaka Network Access Point), which is an integral part of Aryaka’s global, 100%-managed SD-WAN service.

Aryaka’s ANAP delivers on access security in the branch as it connects to the Aryaka Core network, the public internet and cloud-hosted security solutions. ANAP keeps your network scalable, secure, easy to manage, and lets your business meet its goals: rolling out new services and applications, connecting to the cloud, meeting compliance requirements, or improving operational efficiency. By integrating a L3/4 stateful firewall function into ANAP –in addition to Layer 7 application-based DNS classification – enterprises can reduce the number of devices in the branch. In addition, Zones provides the foundation to support multi-tenancy via Layer 3 micro-segmentation (aka virtual routing and forwarding – VRFs).

The Zones Firewall function delivers on essential north-south as well as east-west security functionality, as illustrated below:

- Zones Firewall**
- North-South Perimeter Firewall
- East-West Segmentation
 - Corporate
 - DMZ
 - Public Internet
 - Cloud Security
- Best-of-Breed content Security
 - Cloud Security Partnerships



The North-South firewall effectively blocks external unauthorized traffic from the network while ensuring the unimpeded flow of data packets vital to the operations of the enterprise. The North-South access security solution intercepts external incursion but does not necessarily prevent security issues inside the branch network itself.

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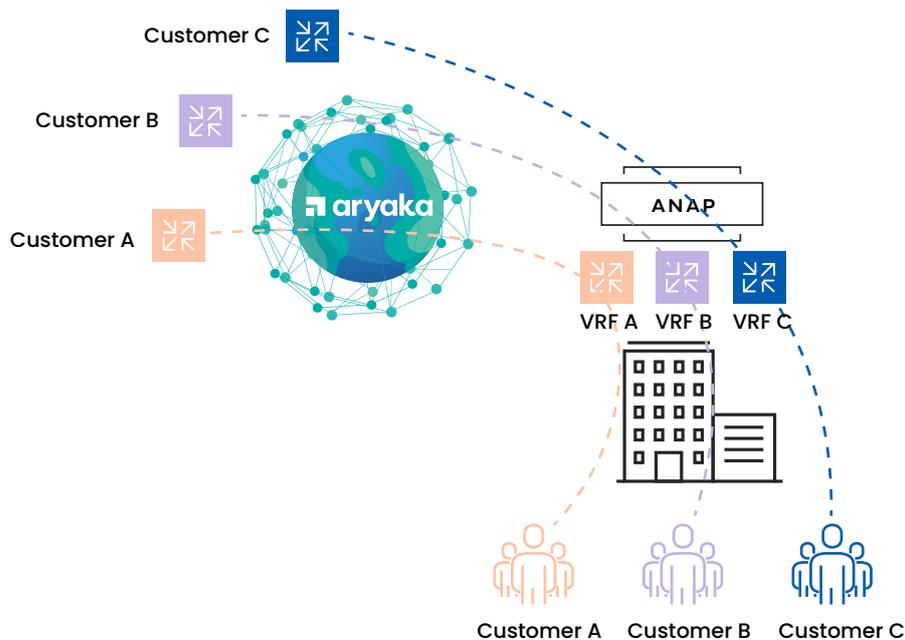
The East-West firewall provides secure segmentation inside the branch into 4 distinct zones:

- A corporate zone (also called the VPN Zone) for all corporate traffic, which will reach remote enterprise sites via encrypted VPN tunnels.
- A DMZ zone which hosts internet-facing services, which can include application servers (web, email, etc) as well as Guest WiFi access.
- The cloud zone to connect to cloud-based security solutions.
- A public zone for direct internet access.

The Aryaka Zones Firewall is a critical component of any enterprise's layered defense. It provides a flexible security foundation as enterprises embark on their WAN transformation journey. As enterprises rearchitect their network with SD-WAN, they need security across branches, cloud, users and applications.

The Zones firewall functionality provides essential capabilities that connect, secure, and manage branches sized from a handful to hundreds of users. By consolidating fast, highly available switching, routing and security in a single device, enterprises can protect their resources as well as economically deliver new services, safe connectivity, and a satisfying end-user experience.

Multi-tenancy is enabled via Layer 3 micro-segmentation, also known as VRFs. This capability permits the ANAP to support a multi-tenant branch or site, extending this logical separation across the SD-WAN.



Enterprises also require the power of choice as they build their layered security architecture. Aryaka augments the Zones branch security solution with best-of-breed cloud security by partnering with other industry leaders, allowing enterprises to build a security solution optimally tailored to their specific needs.

The Aryaka Managed SD-WAN solution helps enterprises build a highly secure SD-WAN fabric with the most flexibility, from the branch to the cloud edge



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Aryaka is the leader in delivering Unified SASE as a Service, a fully integrated solution combining networking, security, and observability. Built for the demands of Generative AI as well as today's multi-cloud hybrid world, Aryaka enables enterprises to transform their secure networking to deliver uncompromised performance, agility, simplicity, and security. Aryaka's flexible delivery options empower businesses to choose their preferred approach for implementation and management. Hundreds of global enterprises, including several in the Fortune 100, depend on Aryaka for their secure networking solutions. For more on Aryaka, please visit www.aryaka.com

About Aryaka