



# Accelerated Migration with SD-WAN for AWS from Zayo and Versa Networks

## SD-WAN to Accelerate Cloud Workload Migration for the Digital-First Enterprise

The corporate network is evolving with the acceleration of digital transformation and the migration of application and data to Amazon Web Services (AWS). As enterprises evaluate new solutions to support these changing needs, SD-WAN has emerged as the preferred choice for CIOs and IT leaders. Addressing the optimization of branch access to AWS hosted mission-critical applications and workloads, in a dynamic, simplified and automated manner, is essential for business operations. SD-WAN enables enterprises to build a network that caters to modern day application consumption demands and supports the business by delivering agility, speed and security, all while ensuring and improving end-user experience for productivity, collaboration and business services.

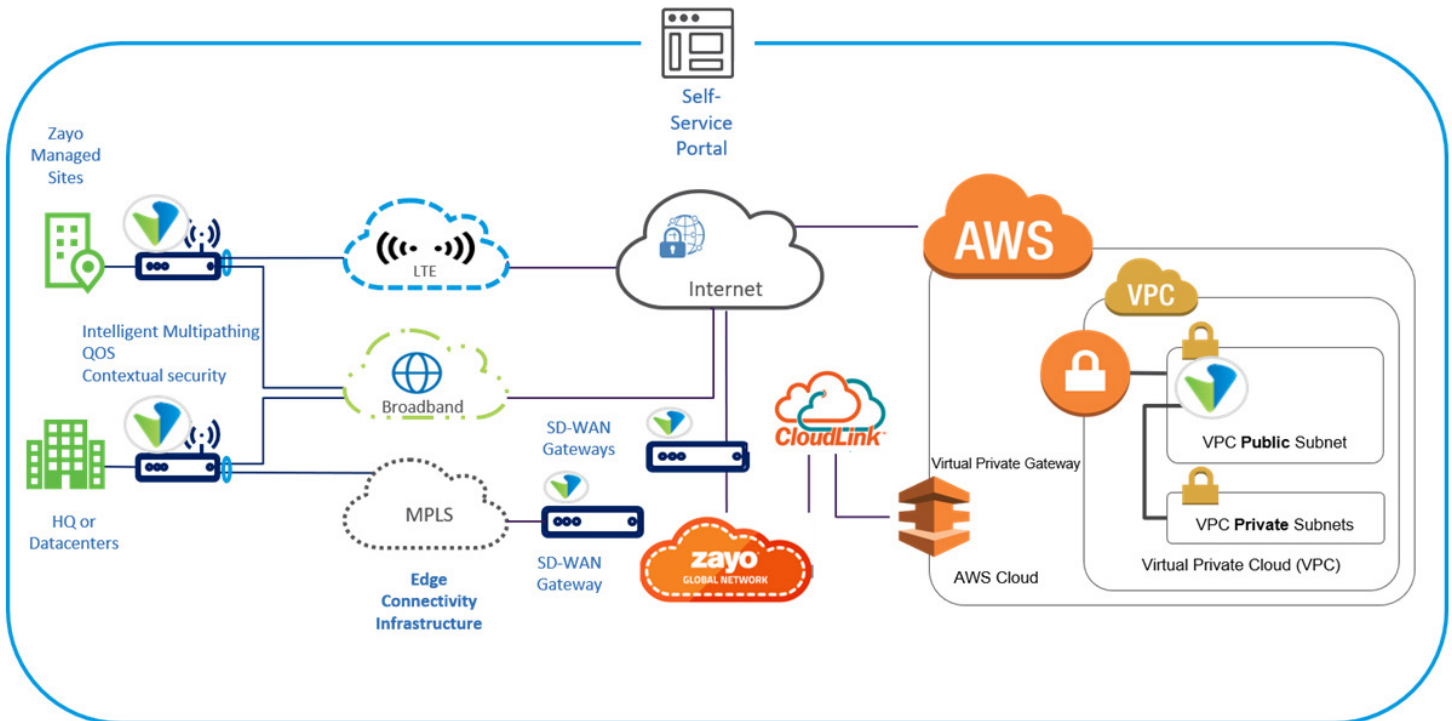
## Extending SD-WAN to the AWS Cloud

As a leading global provider of communications infrastructure services, Zayo understands that digital enterprises need a dynamic and agile network that supports the demands of the next-generation of business applications and tools. Business users today have extremely high expectations in terms of application performance and end-user experience, anytime-anywhere access and increased business agility. To solve these challenges, Zayo teamed up with Versa Networks, the leading innovator of Secure SD-WAN, a next generation software platform that integrates cloud, networking and security services to provide Software Defined WAN solutions tailored for the AWS environment. The Zayo and Versa partnership offers a secure cloud-native, multi-tenant, multi-service software platform solution for the enterprise that delivers:

- **Improved Manageability and Control** - Bring the power of automated, centralized operations to your enterprise. A transport agnostic wide area network that facilitates the integration of disparate network connections (IP-VPN, Broadband, LTE etc) into a single virtual network that can be easily operated, managed and deployed from a centralized, single point-of-control.
- **Increased Site and Application Resiliency** - Combine the consistent performance of a traditional IP-VPN with an agile secure SD-WAN. Corporate and centralized locations will benefit from reliable, high-bandwidth connectivity provided by Zayo's Global IP-VPN network coupled with the flexibility for customers to bring their own access as well. SD-WAN then provides the application-driven intelligence to optimize traffic steering for on-premises workloads and workloads within your AWS VPCs to accelerate and secure migration.
- **Reduced Costs** - Maximize the utilization of current bandwidth capacities by running all connectivity links in an active-active mode. As bandwidth requirements soar, organizations can adopt the best-of-breed approach (dedicated enterprise-grade connectivity for mission-critical applications and secure broadband for peripheral applications). Witness immense cost benefits with a more centralized approach to managing the networks and reduction in total cost of ownership.

## Technical Features

- **Access bonding and per-packet load balancing** - support bandwidth-sensitive traffic over two low bandwidth circuits.
- **Unidirectional measurement and steering** - allow a SD-WAN device to utilize a different path for transmitting and receiving traffic.
- **Extend SD-WAN directly into your AWS VPC(s)** - deploy a virtual SD-WAN appliance to provide dynamic, secure and application-intelligent connectivity from the branch to AWS.
- **Simplified networking and security policies** - unify and maintain policy consistently from a single point-of-control for your SD-WAN deployed endpoint in the branch and AWS.
- **Intelligent application experience multi-pathing** - automate path selection based on application performance and experience across the WAN from the branch or within AWS.
- **Packet replication** - distributes the same packet across multiple paths to reduce the impact of packet drops which increases latency.
- **MOS based traffic steering** - Dynamic traffic steering for voice and video traffic QoS both on-premises and in the AWS cloud.



## About Zayo Group

Zayo provides communications infrastructure solutions, including fiber and bandwidth connectivity, colocation and cloud infrastructure solutions to the world's leading businesses. Zayo's network in North America and Europe includes extensive metro connectivity to thousands of buildings and data centers. Zayo provides clients with flexible, customized solutions and self-service through Tranzact, an innovative platform for managing and purchasing bandwidth.

For more information, visit [www.zayo.com](http://www.zayo.com) or follow Zayo on Twitter @zayogroup.

## About Versa Networks

Versa Networks is the innovator of Secure Cloud IP architecture, a next-generation software platform that integrates cloud, networking and security services. Versa's solutions enable service providers and large enterprises to transform enterprise WAN's to achieve unprecedented business advantages. Versa's carrier-grade, cloud-native software platform provides unmatched agility, cost savings and flexibility, transforming the business of networking. The company has transacted over 150,000 software licenses, working with over 60 MSPs, carriers, telecom partners and enterprises. Versa Networks is privately held and backed by Sequoia Capital, Mayfield, Artis Ventures and Verizon Ventures.

For more information, visit <https://www.versa-networks.com> or follow Versa Networks on Twitter @versanetworks.