ARUBA SD-WAN MENTORED INSTALL

Service Overview

At Netnology, we specialize in Aruba SD-WAN (Silver Peak) enablement and implementation services. As part of this Aruba SD-WAN Mentored Install service offer, our subject matter experts (SME) partner with your team to ensure a smooth deployment of the Aruba SD-WAN solution and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the Aruba SD-WAN environment.

Aruba SD-WAN Solution

Aruba SD-WAN is an industry leader in SD-WAN solution, it delivers high-performance, reliable branch access to cloud services, private data centers, and SaaS-based enterprise applications. Aruba SD-WAN includes a single Orchestrator that can be deployed on-prem or in the cloud as a service(aaS). Aruba SD-WAN supports Enterprise Hybrid/Multi-cloud strategy, and provides several key benefits to customers including the following:

- Network overlay across LAN, WAN and on-premises Data Center.
- Simplified day 0-1 operations, agility and scale through automation, global WAN visibility.
- Application based traffic forwarding via independent overlays improving application performance and reliability.
- Real time link measurement and dynamic traffic steering.
- Provides advanced analytics, monitoring, and full automation for any connection across your network.
- Choices in edge security through end-to-end segmentation (VRF), stateful firewall features for security.

Service Benefits

Netnology has a team of world class engineers who specialize in Aruba SD-WAN solution and are passionate about customer success. Netnology will partner with you to provide:

- Step-by-step guidance from an SME on Aruba SD-WAN solution deployment.
- Configuration and deployment documentation of Aruba SD-WAN solution.
- Knowledge transfer to ensure customer is ready to configure and manage the EdgeConnect Solution.

Scope of Services

As part of the 10-days Mentored Install engagement, Netnology will help with the following:

- Project Kickoff
- Aruba Orchestrator Overview
  - o Monitoring
  - o Testing
  - o Troubleshooting
- Configure Policies in Business Intent Overlay
- Configure Templates
- Deploy EdgeConnect appliances(up to 6)
  - o Device Bring up using Zero Touch Provisioning
  - o Device Activation
- Configure Segments (VRF) (up to 3)
- Enable Boost (license dependent)
- Topology Selection
  - o Mesh
  - o Hub & Spoke
  - o Regional Mesh
- Configure Security Policies (up to 4 zones)
- Configure High Availability (if desired)
- Configure SD-WAN Routing (static and dynamic)
- Knowledge Transfer & Handoff

Target Audience

This service is designed for Network Architects, Network Engineers and Administrators configuring, deploying and managing the Aruba SD-WAN solution.

Prerequisites

Customer needs to ensure that ALL network devices are rack & stacked, cabled and powered-up and WAN transport and connectivity is established prior to the kick-off. Customer also needs to acquire the necessary hardware, software and licenses for the deployment of Aruba SD-WAN solution.

Service Deliverables

No	Deliverable	Service Details
1.	Project Kickoff	• Project Overview • Solution Overview

2.	Orchestrator Overview	• Dashboard Overview
		   • Realtime monitoring
		   • Management Services
		   • Routes table
		   • Monitor Alerts
		   • Monitor Events
		• Test & Troubleshoot
		   • Flows table
		   • Packet Capture

3.	Security Policies	• Configure up to 4 Zones
4.	Remote Site Configuration	• Bring up EdgeConnect Appliances (up to 6) • Base system provisioning • Device activation • Device verification
5.	Segmentation and Software Upgrade	• Configure up to 3 Segments • Upgrade firmware version per the customer requirements
6.	Business Intent Overlay Policies	• Configure policies in Business Intent Overlays • Enable Boost (if license is purchased)
7.	High Availability	• Install and configure Edges as a pair to provide High Availability (HA)
8.	Cloud and 3rd party Integration	• Configure EdgeConnect for cloud or 3rd party integration using Aruba Orchestrator automation
9.	SD-WAN Routing	• Configure Dynamic Routing with OSPF and BGP • Redistribute between subnet sharing and dynamic routing protocol

10.	Knowledge Transfer and Handoff	• Explain to the customer how to:
		   • navigate Aruba Orchestrator
		   • manage EdgeConnect Appliances in Aruba Orchestrator
		   • implement the solution using Aruba Orchestrator
		   • use Business Intent Overlays in the Orchestrator
		• Handoff:
		   • Address any remaining questions about the delivered project