VMWARE SDWAN MENTORED INSTALL

Service Overview

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

VMware SDWAN Solution

VMware SDWAN is a cloud-delivered SDWAN solution, it delivers high-performance, reliable branch access to cloud services, private data centers, and SaaS-based enterprise applications. VMware SDWAN includes a cloud-based SDWAN Orchestrator, a distributed network of SDWAN Gateways, and a branch platform SDWAN Edge. VMware SDWAN 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.
- Policy-based application prioritization, improved application performance and reliability and transport-agnostic performance.
- Real time link measurement and dynamic traffic steering.
- Direct cloud access via gateway as a service, managed on-ramp to cloud, network of gateways purposely built and deployed to Cloud scale.
- Choices in edge security through end-to-end segmentation, security VNF for SDWAN service platform and Cloud security.

Service Benefits

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

- Step-by-step guidance from an SME on VMware SDWAN solution deployment.
- Configuration and documentation of VMware SDWAN solution.
- Knowledge transfer to ensure customer is ready to configure and manage the lab environment.

Scope of Services

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

- Project Kickoff
- VeloCloud Orchestrator Overview
  - Monitor
  - Test and Troubleshoot
- Configure Profiles (up to 4)
- Deploy Remote-site VeloCloud Edge (up to 6)
  - Device Bring up
  - Device activation
  - Device RMA/reset
- Configure Segmentation (up to 3)
  - Configure VLANs (up to 6)
- Configure Cloud VPN
- Topology Selection
  - Branch to Hub
  - Branch to Branch VPN
  - Branch to Non-VeloCloud site
- Configure Business Policies (up to 4)
- Configure High Availability
- Configure Network Services (VNFs i.e. PAN VNF)
- Configure SDWAN Routing (IGP and BGP)
- Knowledge Transfer

Target Audience

This service is designed for Network Architects, Network Engineers and Administrators configuring, deploying and managing the VMware SDWAN 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 VMware SDWAN solution.

Service Deliverables

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

2.	Orchestrator Overview	• Monitor Navigation Panel
		  • Monitor Edges
		  • Monitor Network Services
		  • Monitor Routing
		  • Monitor Alerts
		  • Monitor Events
		• Test & Troubleshoot
		  • Remote Diagnostics
		  • Remote Actions
		  • Packet Capture

3.	Profiles	• Configure up to 4 profiles to define template configuration
4.	Remote Site Configuration	• Bring up VeloCloud Edges (up to 6) • Base system provisioning • Device activation • Device verification • Device RMA/Reset

5.	Segmentation, and Cloud VPN	• Configure up to 3 segments and 6 VLANs
		• Configure Cloud VPN and select topology
		  • Branch to Hub
		  • Branch to Branch VPN
		  • Branch to Non-VeloCloud site

6.	Business Policies	• Configure up to 4 enhanced Quality of Service feature (Business Policy)
7.	High Availability	• Install and configure Edges as a pair to provide High Availability (HA)
8.	Network Services	• Configure VNFs by use of third-party firewalls (i.e. PAN VNF)
9.	SDWAN Routing	• Configure Dynamic Routing with OSPF and BGP

10.	Knowledge Transfer	• Explain to the customer how to
		  • How to operator VeloCloud Orchestrator
		  • How to manage VeloCloud Orchestrator
		  • How to implement the solution using VeloCloud Orchestrator