SDWAN LIMITED DEPLOYMENT (LD)

Service Overview:

At Netnology, we specialize in Cisco's SDWAN (Viptela) enablement and implementation services to expedite the adoption of Cisco SDWAN solution. As part of this limited deployment (LD) service offer, our subject matter experts (SME) partner with your team to ensure a smooth deployment of the SDWAN solution and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the SDWAN environment.

Cisco SDWAN Solution:

Cisco SDWAN is a cloud-delivered overlay WAN architecture that enables digital and cloud transformation for Enterprises. It significantly reduces WAN costs, improves the time to deploy services, builds application resiliency and provides a robust security architecture for hybrid networks. Secure your organization with Cisco SDWAN segmentation and achieve regulatory compliance with end-to-end segmentation that keeps user, device and application traffic separate.

- Decouples control plane from the data plane, building an overlay transport that is vendor agnostic
- Improves operational effectiveness by enabling a consistent user experience anywhere from the single pane of glass vManage dashboard
- Provides flexibility to create per-VPN topologies any way the organization needs with the flexibility to pick different encryption mechanisms (Cisco Supported) for each topology type
- Guarantees zero network downtime, automates application flexibility over multiple connections, such as the Internet, MPLS, and wireless 4G LTE
- Provides advanced analytics, monitoring, and automation for any connection across your network, whether MPLS or beyond the cloud edge

Service Benefits:

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

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

netnology.io
FULL-STACK SYSTEMS INTEGRATOR

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6203 San Ignacio Avenue, Suite 110
San Jose, CA 95119

www.netnology.io
info@netnology.io
415-483-0819

Scope of Services:

As part of the 10-day LD engagement, netnology will help with the following:

- Solution overview
- Controller deployment (1 vManage, 2 vBond, 2 vSmart)
- VPN deployment and segmentation (up to 2)
- Remote site deployment of vEdge/ISR (up to 5)
- Create CLI/Features based templates (up to 10)
- Topology selection policy and preferences (up to 4)
  - o Hub and spoke
  - o Full mesh
  - o Direct Internet Access (DIA)
- Smart application aware routing policy
- Cflowd traffic flow monitoring policy
- 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 Cisco SDWAN solution.

Prerequisites:

Customer needs to ensure that ALL servers and 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 software licenses for the deployment of SDWAN solution.

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Service Deliverables:

No	Deliverable	Service Details
1.	Project Kickoff	• Project Overview • Solution Overview
2.	Controller Setup	• Install and setup vManage (1) • Install and setup vBond (up to 2 for redundancy) • Install and setup vSmart (up to 2 for redundancy)
3.	Remote Site Configuration	• Bring up vEdge/ISR (up to 5) • Base system provisioning
4.	Policy and Segmentation	• Create policies (up to 4) • VPN segmentation (up to 2)
5.	Template Creation	• Create templates (up to 10) • Push templates • Device verification
6.	Knowledge Transfer	• Explain to the customer how to configure and manage the solution in their environment

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