

## CISCO SD-WAN MENTORED POV

### Service Overview:

At Netnology, we specialize in enablement and implementation services of Cisco SD-WAN solution. This 2-day self-paced Mentored Proof of Value (POV) leverages capabilities within Netnology Services Platform (nSP) and is focused on implementing Cisco SD-WAN solution in a hosted virtual environment. This service offer provides “just-enough” information to build a baseline understanding of the Cisco SD-WAN solution, and how to demonstrate customer value using standard use-cases.

### Cisco SD-WAN Solution:

Cisco SD-WAN 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 SD-WAN 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 SD-WAN solution and are passionate about customer success.

nSP simplifies the provisioning of Demo, POV, and production deployment of Cisco SD-WAN in order to accelerate the time to value for enterprises. In five simple steps, customers can leverage nSP to implement Cisco SD-WAN in various deployment models, all leveraging APIs to integrate nSP with vManage and to automate provisioning.

### Service Scope:

As part of the 2-day Mentored POV engagement, nSP will provide the following services:

- Overview of the Cisco SD-WAN HPOV
- Access to nSP (login credentials, access method, etc.)
- Access to virtual SD-WAN environment infrastructure (login credentials, access method, etc.)

- Demonstration on how to navigate the nSP
- Virtual SD-WAN infrastructure (1 DC, 2 Remote Sites)
- nSP Cisco SD-WAN configuration guide
- Configure, test and validate the SD-WAN solution
  - VPN deployment and segmentation
  - Deployment of WAN Edge devices
  - Create feature-based templates
  - Create device templates
  - Hub and Spoke topology implementation policy
  - Application Aware Routing (AAR) policy
  - Direct Internet Access (DIA) policy
- Detailed instruction guide to configure, deploy and validate the three use cases:
  - **Secure Automated WAN** – Secure bandwidth augmentation enabled by a single, transport agnostic, SD-WAN fabric
  - **Application Performance Optimization** – Automatically distribute critical applications over available transports based on SLA policies (Application Aware Routing – AAR)
  - **Secure Direct Internet Access** – Simplified and secure Internet access for corporate and guest users
- Conclusion

### Target Audience:

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

### Prerequisites:

- Basic technical knowledge of Cisco SD-WAN solution.

### Service Deliverables:

No	Deliverable	Service Details
1.	Project Kickoff	<ul style="list-style-type: none"> <li>• SD-WAN Mentored POV service overview</li> </ul>
2.	Lab	<ul style="list-style-type: none"> <li>• Remote Access to a dedicated nSP SD-WAN POV POD</li> </ul>
3.	Documentation	<ul style="list-style-type: none"> <li>• nSP Cisco SD-WAN configuration guide</li> <li>• Step-by-step guide on implementing and validating use cases outlined in the “Scope of Service” section.</li> </ul>
4.	Technical Support	<ul style="list-style-type: none"> <li>• Up to two (2) hours of technical support incase to help users troubleshoot problems related to nSP SD-WAN Mentored POV.</li> </ul>

*Note: This service offer is not intended to be a training session on the Cisco SD-WAN solution.*