CISCO NDFC MENTORED POV PLUS

Service Overview:

At Netnology, we specialize in Cisco's Nexus Dashboard Fabric Controller (NDFC) enablement and implementation services to expedite the adoption of Cisco NDFC solution. As part of this Mentored POV plus service offer, our subject matter experts (SME) partner with your team to ensure a smooth deployment of the NDFC solution in the lab environment and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the NDFC environment.

Cisco NDFC Solution:

Nexus Dashboard Fabric Controller (NDFC) is the network management platform for all NX-OS-enabled deployments, spanning new fabric architectures, IP Fabric for Media, and storage networking deployments for the Cisco Nexus-powered data center. NDFC provides management, control, automation, monitoring, visualization, and troubleshooting across Cisco Nexus and Cisco Multilayer Distributed Switching (MDS) solutions.

- Accelerate time to market by gaining an understanding of the ways that Cisco NDFC can address your unique use cases, align IT goals with business goals, and simplify operational processes required for success.
- Reduce risks by identifying and addressing your technical and operational readiness to effectively deploy a Cisco NDFC solution to support your target use cases.
- Protect capital and operational investments by developing a simple transition path from existing environments to architecture based on Cisco NDFC.
- Optimize performance and reduce service interruption by preempting and proactively resolving problems efficiently to help you maintain the performance, reliability, and ROI of your Cisco NDFC deployment.

Service Benefits:

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

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

Scope of Services:

As part of the 5-day (up to 40 hours) Mentored POV Plus engagement, Netnology will help with the following:

- Solution Overview
- Nexus Dashboard Deployment
  - NDFC Installation
    - POAP Configuration
    - VXLAN BGP EVPN Leaf Spine Fabric(s) (up to 2)
    - External Fabric(s) (up to 3)
    - MSD Fabric Deployment (Multisite Domain)
    - VRF-Lite
    - VRF and Network Deployment (Overlays) (up to 6)
    - Host Configuration (up to 10 Interface Policies)
- Backup and Restore
- Monitoring, Reports, and Alarms
- Troubleshooting - Health Scores & Faults
- Maintenance
- SWIM Firmware Management
- Knowledge Transfer and Walkthrough

Target Audience:

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

Prerequisites:

Customer needs to ensure that all equipment and devices are racked & stacked, cabled and powered-up prior to the kick-off. Customer also needs to acquire the necessary software licenses for the deployment of NDFC solution.

Service Deliverables:

No	Deliverable	Service Details
1.	Project Kickoff	• Project Overview • Solution Overview
2.	Fabric Discovery / Fabric Controller	• Deploy and Configure ND/NDFC • Core Component Configuration • Easy_Fabric Deployment • POAP Setup • External Fabric Builds • Multi-Site Fabric MSD • Network and VRF Deployment • Stretching Networks • VRF Lite
3.	Backup and Restore	• ND • NDFC • Fabrics
4.	Monitoring, Reports, and Alarms	• Monitor Device Health and Events • Generate Reports • Create Alarm Policies • EPL • Performance Monitoring
5.	Troubleshooting	• RMA • GUI and CLI • Orchestrator • Fabric
6.	Maintenance	• ND / NDFC Software Upgrades • Firmware Upgrades
7.	Knowledge Transfer	• Explain to the customer how to configure and manage the solution in their environment • A walkthrough of the customer's environment