

## CISCO HYPERFABRIC TEST DRIVE

### Service Overview:

At Netnology, we specialize in Cisco Hyperfabric services to expedite the adoption of the solutions. The test-drive offer will help customers develop a baseline understanding of Cisco Hyperfabric and its value proposition.

This 2–4-hour session will demonstrate the working of Cisco Hyperfabric and much more. It will also highlight the ease of configuration and manageability of this integrated solution.

This test-drive is built and delivered by subject matter experts (SMEs) who have extensive experience working with Data Center Solution.

### Solution Overview:

The Cisco Hyperfabric Test Drive Service is designed to give customers a hands-on experience of deploying and managing a cloud-managed data center fabric using Cisco Nexus Hyperfabric. Built on Cisco Nexus 6000 Series switches and managed through the Cisco Cloud Controller, this modern fabric solution delivers automated design, deployment, and lifecycle management for scalable enterprise and HPC environments.

Hyperfabric simplifies complex networking by combining plug-and-play automation, intent-based configuration, and cloud-driven monitoring. During this test drive, participants will explore Hyperfabric's key capabilities — including automatic fabric discovery, BGP EVPN VXLAN overlay creation, Layer 2/Layer 3 connectivity, assertion monitoring, and real-time telemetry. The session highlights how Hyperfabric can be deployed “as-a-service,” reducing operational complexity and accelerating infrastructure readiness for hybrid workloads.

### Service Benefits:

Netnology has a team of world class engineers who specialize in DC Solution and are passionate about customer success. Netnology will partner with you to provide guidance on:

- Accelerated Fabric Adoption: Demonstrating the simplicity of deploying and managing Cisco Hyperfabric using automated, cloud-managed workflows.
- Seamless Integration: Showcasing smooth integration between existing data center infrastructure and Hyperfabric's fabric-as-a-service model.
- Operational Efficiency: Highlighting intent-based automation, assertion-driven health monitoring, and real-time telemetry to streamline Day-2 operations.
- Scalable Performance: Validating Hyperfabric's ability to deliver high-throughput, low-latency connectivity for modern applications and workloads.

## Scope of Services:

As part of the 2–4-hour Test Drive engagement, Netnology will provide the following services:

- Solution Overview
- Solution Value Proposition
- Solution Use-case Demo
  - Cisco Hyperfabric Deployment
    - Fabric blueprint creation and LLDP-based auto-discovery.
    - Underlay and overlay formation using BGP EVPN VXLAN.
    - Cloud onboarding via SUDI/TLS authentication.
    - Validation of Layer-2/Layer-3 external connectivity (BGP/static).
    - Assertion monitoring and telemetry visualization.
  - Fabric Operations and Connectivity
    - Logical network creation (VLAN, VRF, VNI).
    - Port-role configuration (fabric, host, routed).
    - STP/loop prevention and redundancy testing.
    - Demonstration of anycast gateway migration workflow.
  - Telemetry and Monitoring
    - Real-time switch and interface telemetry validation.
    - Assertion status interpretation (green/critical states).
    - Export of health and event data to external destinations.
- Lessons learned and enhancements

## Target Audience:

This service is designed for candidates with little Cisco Network and Compute experience or prior knowledge.

## Service Deliverables:

No.	Deliverable	Service Details
1.	Concepts	<ul style="list-style-type: none"> <li>• Solution Overview</li> <li>• Environment Overview</li> <li>• Use-Case Overview</li> </ul>
2.	Value-Prop	<ul style="list-style-type: none"> <li>• Ease of configuration</li> <li>• Ease of manageability</li> </ul>
3.	Execution	<ul style="list-style-type: none"> <li>• Cisco Hyperfabric Deployment</li> <li>• Fabric Operations and Connectivity</li> <li>• Telemetry and Monitoring</li> </ul>
4.	Wrap-up	<ul style="list-style-type: none"> <li>• Lessons Learned</li> <li>• Q&amp;A</li> </ul>