

CISCO FSO MENTORED POV PLUS

Service Overview:

At Netnology, we specialize in Cisco's Full-Stack Observability (FSO) implementation and integration services to expedite the adoption of Cisco FSO 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 Cisco FSO solution in the lab or production environment and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the FSO Solution.

Solution Overview:

Cisco FSO Solution consist of AppDynamics, Cisco Intersight Workload Optimizer (IWO), and ThousandEyes. These services are or can be SaaS based applications for a smooth and fast up and running FSO Solution. Organizations can gain application performance and business insights from AppDynamics, while ensuring Application resource optimization with Cisco IWO. Also, will be able to see internet and network performance insights with ThousandEyes.

Cisco's FSO Solution will help provide better insight into the full end-to-end visibility from multi and hybrid cloud applications to end user internet traffic by utilizing the following capabilities.

- Application agents, end user agents, and environment agents
- All 3 technologies integration
- Application performance insights
- Resource optimizations
- Internet and network insights
- End-to-end application insights
- Ingest any telemetry from any domain including 3rd party platforms into its learning engine

Service Benefits:

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

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

Service Scope:

As part of the 5-day Mentored POV Plus engagement, Netnology will help with the following:

- Solution Overview
- AppDynamics SaaS Administration
 - Basic setup, and license
 - Application identification (1 application / up to 5 Servers)
 - Components of application services (to identify what agents to install)
 - Create application and add agents to nodes
 - Define monitoring strategy (alert and health rules)
- ThousandEyes SaaS Administration
 - Basic setup, and license
 - Identify up to 1 end points to deploy enterprise agents to (Catalyst and Nexus Switches, Routers, Virtual Appliance, Hyper-V Appliance, Linux, Docker)
 - Configure up to 1 test from endpoint agents to application identified in AppDynamics
- IWO SaaS Administration
 - Basic setup, and license (Premier license required for IWO full feature)
 - Identify application is in cloud or on prem
 - Deploy Intersight assist VM and claim in Intersight (on prem only) (minimum small)
 - Add VMWare target to IWO
 - Setup automation rules to recommend only
 - Change prices per cost of CPU, Memory, Storage per GB
- Integration of all 3 Technologies
 - AppDynamics integration with IWO
 - ThousandEyes integration with AppDynamics
- Alert Rule thresholds in ThousandEyes to send notifications to AppDynamics
- Validation Testing
 - Overview of deployed application from IWO
 - Overview of deployed application Tests from ThousandEyes
 - Overview of deployed application from AppDynamics

Target Audience:

This service is designed for Network Architects, Network Engineers, Application Operators, Developers, Infrastructure Engineers and Administrators configuring, deploying, and managing the Cisco FSO 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 AppDynamics SaaS, ThousandEyes SaaS, and IWO SaaS solutions.

Service Deliverables:

| No | Deliverable | Service Details |
|-----|---|--|
| 1. | Project Kickoff | <ul style="list-style-type: none"> • Project Overview • Solution Overview |
| 2. | AppDynamics SaaS Administration | <ul style="list-style-type: none"> • Basic setup and license • Application identification (1 application up to 5 servers) <ul style="list-style-type: none"> ○ Identify components of application • Create application and install agents to nodes |
| 3. | ThousandEyes SaaS Administration | <ul style="list-style-type: none"> • Basic setup and license <ul style="list-style-type: none"> ○ Identify up to 5 end points for agents ○ Create 1 test from end point agents to application |
| 4. | IWO SaaS Administration | <ul style="list-style-type: none"> • Basic setup and license • Cloud or on prem application <ul style="list-style-type: none"> ○ Deploy Intersight assist VM (on prem only) ○ Add VMWare target to IWO • Setup automation rules • Cost break down <ul style="list-style-type: none"> ○ Cost per vCPU ○ Cost per GB in Memory ○ Cost per GB in Storage |
| 5. | Integration of the 3 Technologies | <ul style="list-style-type: none"> • AppDynamics integration to IWO <ul style="list-style-type: none"> ○ Add AppDynamics target into IWO • ThousandEyes integration to AppDynamics <ul style="list-style-type: none"> ○ Set alert notifications to an application from AppDynamics |
| 6.. | Alert Rules Thresholds in TE | <ul style="list-style-type: none"> • Set alert thresholds in ThousandEyes to notify AppDynamics of a connectivity problem |
| 7. | Overview of Application from AppDynamics | <ul style="list-style-type: none"> • Analyze how the application responds to traffic flow data from AppDynamics. |
| 8. | Overview of Application from ThousandEyes | <ul style="list-style-type: none"> • Analyze how end users access the application and application responsiveness to the requests and timeouts. |
| 9. | Overview of Application from IWO | <ul style="list-style-type: none"> • Analyze how the application resources are during peak/off times and IWO resource recommendations. |
| 10. | Knowledge Transfer | <ul style="list-style-type: none"> • Explain to the customer how to configure and manage the Cisco FSO Solution in a lab or production environment. |