

FORTINET SD-WAN MENTORED INSTALL

Service Overview

At Netnology, we specialize in Fortinet SD-WAN enablement and implementation services. As part of this Fortinet SD-WAN service offer, our subject matter experts (SME) partner with your team to ensure smooth deployment of the Fortinet SD-WAN solution and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the Fortinet SD-WAN environment.

Solution Overview

Fortinet SD-WAN is an industry leader in SD-WAN solution, it delivers high-performance, reliable branch access to cloud services, private data centers, and SaaS-based enterprise applications. Fortinet SD-WAN includes a single Orchestrator that can be deployed on-prem or in the cloud as a service (SaaS). Fortinet SDWAN supports Enterprise Hybrid/Multi-cloud strategy, and provides several key benefits to customers including the following:

- Network overlay across LAN, WAN, Data Center and Cloud.
- Simplified day 0-1 operations, agility and scale through automation, global WAN visibility.
- Application based traffic forwarding via independent overlays improving application performance and reliability.
- Real time link measurement and dynamic traffic steering.
- Provides advanced analytics, monitoring, and full automation for any connection across your network.
- Choices in edge security through end-to-end segmentation (VRF), stateful firewall features for security.

Service Benefits

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

- Step-by-step guidance from an SME on Fortinet SD-WAN solution deployment.
- Mentored deployment of Fortinet SD-WAN solution.
- Knowledge transfer to ensure the customer is ready to configure and manage the environment.

Service Scope

As part of the 10-day (up to 80 hours) engagement, Netnology will help with the following:

- Project Kickoff
- Fortinet Controllers
 - Setup
 - Licensing
 - Software upgrade (if necessary)
- Configure Deployment Profiles and Templates
- Deploy Business Intent Overlays (BIOs)
 - Topology Selection
 - Mesh
 - Hub & Spoke
 - Link bounding and failover
 - QoS
 - Local Internet Breakout
 - Boost
- Configure Segments (VRFs) (up to 3)
- Deploy appliances
 - Device Activation
 - Software upgrade (if necessary)
- Configure High Availability (if desired)
- Configure SD-WAN Routing (static and dynamic)
- Configure SD-WAN rules
- Configure SDWAN SLAs
- Knowledge Transfer & Handoff

Target Audience

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

Prerequisites

The customer needs to ensure that ALL 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 hardware, software and licenses for the deployment of Fortinet SD-WAN solution.

Service Deliverables

No	Deliverable	Service Details
1.	Project Kickoff	<ul style="list-style-type: none"> Project Overview Solution Overview
2.	Fortinet Components	<ul style="list-style-type: none"> Controller setup (FortiManager, FortiAnalyzer) Business Intent Overlays Deployment Profiles Joining Fortinet firewalls to FortiManager and FortiAnalyzer
3.	Configure Deployment Profiles and Templates	<ul style="list-style-type: none"> Interface labels WAN interface FW modes Rules creation Templates (System, NTP, Route Maps, etc.)
4.	Deploy Business Intent	<ul style="list-style-type: none"> Traffic matching Topology Selection • Mesh • Hub & Spoke
5.	Configure Segments (VRFs)	<ul style="list-style-type: none"> Configuring VRFs (if needed)
6.	SD-WAN Routing	<ul style="list-style-type: none"> Configure Dynamic Routing with OSPF and BGP Redistribute between subnet sharing and dynamic routing protocol
7.	Knowledge Transfer and Handoff	<ul style="list-style-type: none"> Final review of the project Project technical details and decisions Q&A Project Handoff