



Information Technology

Fortinet NSE 4 - FortiOS 6.4

Course Introduction

This training course is designed to provide participants with the latest concepts in using advanced FortiGate networking and security. This course will focus on topics such as the commonly applied in complex or larger enterprise or MSSP networks, advanced routing, transparent mode, redundant infrastructure, site-to-site IPsec VPN, single sign-on (SSO), web proxy, and diagnostics.

Target Audience

This training course is designed for networking and security professionals involved in the design, implementation, and administration of a network infrastructure using FortiGate appliances should attend this course.

Learning Objectives

- Analyze a FortiGate route table.
- Route packets using policy-based and static routes for multipath and load -balanced deployments
- Configure SD-WAN to load balance traffic between multiple WAN links effectively
- Inspect traffic transparently, forwarding as a Layer 2 device
- Divide FortiGate into two or more virtual devices, each operating as an independent FortiGate, by configuring virtual domains (VDOMs)
- Establish an IPsec VPN tunnel between two FortiGate devices
- Implement a meshed or partially redundant VPN

- Diagnose failed IKE exchanges
- Offer Fortinet Single Sign-On (FSSO) access to network services, integrated with Microsoft Active Directory (AD)
- Deploy FortiGate devices as an HA cluster for fault tolerance and high performance
- Deploy implicit and explicit proxy with firewall policies authentication, and caching
- Diagnose and correct common problems

Course Outline

- **Day 01**

Routing

- Software-Defined WAN (SD-WAN)

- **Day 02**

Virtual Domains

- Layer 2 Switching

- **Day 03**

IPsec VPN

- Fortinet Single Sign-On (FSSO)

- **Day 04**

High Availability (HA)

- Web Proxy

- **Day 05**

Diagnostics

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 1, 2025	June 5, 2025	5 days	4250.00 \$	Bahrain - Manama
Aug. 4, 2025	Aug. 8, 2025	5 days	4950.00 \$	England - London
Dec. 22, 2025	Dec. 26, 2025	5 days	4250.00 \$	UAE - Abu Dhabi