

FortiGate Networking and Infrastructure Training

Course Overview

In this course, you will learn how to use the most common FortiGate networking and infrastructure features. Topics include features commonly applied in complex or larger enterprise or MSSP networks, such as advanced routing, redundant infrastructure, virtual domains (VDOMs), zero trust network access (ZTNA), SSL VPN, site-to-site IPsec VPN, single sign-on (SSO), and diagnostics.

Course Objectives

After completing this course, you will be able to:

- Analyze a FortiGate route table
- Route packets using policy-based and static routes for multipath and load-balanced deployments
- Divide FortiGate into two or more virtual devices, each operating as an independent FortiGate, by configuring virtual domains (VDOMs)
- Understand the fundamentals and benefits of using ZTNA
- Offer an SSL VPN for secure access to your private network
- 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
- Diagnose and correct common problems

Course Prerequisites

- Knowledge of OSI layers
- Knowledge of firewall concepts in an IPv4 network
- Completion of FortiGate Security Training is recommended

Who Should Attend

Networking and security professionals involved in the design, implementation, and administration of a network infrastructure using FortiGate devices.

Agenda

- Routing Configuration
- Virtual Domains Concept
- Fortinet Single Sign-On Implementation
- Zero Trust Network Access (ZTNA)
- SSL VPN Configuration
- IPsec VPN Configuration
- High Availability Setup
- Diagnostics and Troubleshooting

Course Duration

2 days

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