FortiGate Security Essential Training

Course Overview

In this course, you will learn how to use the most common FortiGate features, including security profiles. In interactive labs, you will explore firewall policies, the Fortinet Security Fabric, user authentication, and how to protect your network using security profiles, such as IPS, antivirus, web filtering, application control, and more. These administration fundamentals will provide you with a solid understanding of how to implement basic network security.
Course Objectives

Course Objectives

After completing this course, you will be able to:
- Deploy the appropriate operation mode for your network
- Use the GUI and CLI for administration
- Control network access to configured networks using firewall policies
- Apply port forwarding, source NAT, and destination NAT
- Authenticate users using firewall policies
- Understand encryption functions and certificates
- Inspect SSL/TLS-secured traffic to prevent encryption used to bypass security policies
- Configure security profiles to neutralize threats and misuse, including viruses, torrents, and inappropriate websites
- Apply application control techniques to monitor and control network applications that might use standard or non-standard protocols and ports
- Fight hacking and denial of service (DoS)
- Collect and interpret log entries
- Identify the characteristics of the Fortinet Security Fabric

Course Prerequisites
- Knowledge of network protocols
- Basic understanding of firewall concepts

Who Should Attend
Networking and security professionals involved in the management, configuration, administration, and monitoring of FortiGate devices used to secure their organizations' networks.

Agenda

- Getting Started and Initial Setup
- Setting Up Firewall Policies
- Configuring Network Address Translation
- Implementing Firewall Authentication
- Monitoring and Log Management
- Certificate Management Operations
- Enforcing Web Filtering
- Managing Application Control
- Ensuring Antivirus Protection
- Preventing Intrusions and Denial of Service Attacks
- Implementing Security Fabric Solutions

Course Duration

3 days

VNOHOW
The Bridge to IT Mastery