5 Days Course

NSE 8 - FULL INTENSIVE BOOTCAMP

OVERVIEW

After this training you will know how to prepare and pass the NSE8 Exam in the best way. You get important tips and hints about Preparation, Time Management and the Topics that you have to focus on to pass the NSE8 Exam.

OBJECTIVES

Upon completion of this course, students will be able to:

• Design, configure, and troubleshoot complex networks and IT Security scenarios with Fortinet products.

• Configure and operate Advanced Fortinet products and solutions such as FortiMail, FortiWeb, FortiSandbox, FortiADC, FortiAuthenticator, FortiMail, FortiWeb and FortiVoice Enterprise.

• Integrate Fortinet Products:

> FortiGate, FortiMail, FortiWeb with FortiSandbox

> Multiple FortiGate with FortiAuthenticator for distributed user authentication

> Configure Central Management for FortiGate appliances

> Configure Central Management Logging Reporting for all Fortinet products

• Configure Advanced FortiGate features in complex scenarios:

> IPsec Advanced Scenarios (DialUp, Authentication, IPv6, OSPF Routing)

> Advanced SSL VPN Configuration (Realms, DNS, Suffix, Bookmarks)

> Advanced routing with OSPF and BGP

> Advanced VDOM configuration

> Advanced IPv6 configuration (IPsec VPN, Routing, Policy, NAT64, NAT46)

• Manage Advanced Wireless Controller and configure FortiAP

• Configure FortiAP with CLI

• Troubleshoot complex scenarios

PRE-REQUISITES

It is recommended that students have working experience with Fortinet products and possess at least NSE 4 level certification.

TARGET AUDIENCE

Intense hand-on preparation for students who want to pass the NSE-8 practical exam.

COURSE OUTLINE

| Lesson 1 | FortiGate Device Operation and Advanced Techniques

• Controlling Management Access
• CLI Commands
• Advanced CLI configuration
• Advanced troubleshooting
• Menus
• Hardware operation and configuration
• Firmware management

COURSE OUTLINE

| Lesson 2 | FortiGate Operation Modes/HA and VDOMS

- NAT/Route mode
- Transparent mode
- Advanced cluster operation and management
- Advanced VDOM operation and configuration
- Virtual clustering
- High availability operation and configuration

| Lesson 3 | FortiGate Network Connectivity and Reachability

- WAN/LINK Load Balancing
- Advanced interface operation and configuration
- FortiGate Advanced Routing
- IPv4, IPv6 Address and Routing

| Lesson 4 | FortiGate Policies and NGFW

- Advanced Firewall operation and configuration
- Advanced security policies
- NAT operation and configuration (IPv4, IPv6)
- Advanced Firewall Policies configuration
- Endpoint control operation and configuration
- Third-party integration

| Lesson 5 | FortiGate VPNs

- Advanced IPsec VPN operation and configuration
- Advanced SSL VPNs operation and configuration
- VPNs and advanced routing

| Lesson 6 | FortiGate Authentication

- Users and user groups

- Authentication methods operation and configuration
- FortiNet single sing-on
- Firewall Policies integration and authentication
- Two-factor authentication

| Lesson 7 | Fortinet Wireless Solutions

- Deploying wireless solutions
- FortiGate as wireless controller
- Configuring secure wireless
- Protecting wireless networks

| Lesson 8 | Centralized Reports and Management

- Remote log and reporting operation and configuration
- FortiAnalyzer operation and configuration
- FortiManager operation and configuration
- FortiOS logging and reporting

| Lesson 9 | Fortinet Advanced Technologies

- Architecture integration
- Design
- Integration between FortiGate and Advanced Technologies solutions
- FortiMail
- FortiWeb
- FortiSandbox (integ. with FortiGate, FortiWeb, FortiAnalyzer)
- FortiADC
- FortiAuthenticator
- FortiVoice Enterprise