FortiManager: Preparing for NSE5 Certification

Hands-on course of 2 days - 14h
Ref.: FNB - Price 2024: CHF1 870 (excl. taxes)

EDUCATIONAL OBJECTIVES
At the end of the training, the trainee will be able to:

Describe the key features of FortiManager

Use and administer FortiManager

Administer firewall policies on FortiGate equipment

Describe the key features of FortiAnalyzer

View events and set up alerts

Prepare for the Fortinet NSE5 certification exam

TEACHING METHODS

Balanced mix of presentations, workshops and scenarios under similar conditions to the certification test.

THE PROGRAMME

last updated: 06/2022

1) FortiManager
- Major features of FortiManager.
- Basic configuration.
- Administering the equipment.
- Accounts and authentication.
Hands-on work : Using and administering FortiManager.

2) Registering devices
- Using provisioning models and configuring local changes between devices.
- Identifying synchronization states and administering the version history of the managed devices.
- Installing and configuring equipment at the local level.
Hands-on work : Installing and configuring equipment.

3) Objects and policies
- Using policy packages with shared and dynamic objects.
- Administering firewall policies on multiple FortiGate boxes.
- Supporting multiple clients on a single FortiManager server using ADOMs.
- Restricting concurrent ADOM access with workspaces and workflow mode.
Hands-on work : Using policies.

4) Dashboards in FortiManager
- Methods for centralized administration of IPsec VPNs.
- Using high-availability, backup, and recovery options for FortiManager.
- Centrally managing equipment with firmware.
- Applying a local FortiGuard distribution server to Fortinet equipment.

5) Diagnosing and troubleshooting FortiManager
- Diagnosing and troubleshooting import and installation problems.
- Advanced configuration.

6) Configuring and administering FortiAnalyzer

- Overview of FortiAnalyzer.
- FortiAnalyzer: How it works, and its services.
- Deploying an architecture tailored to the clients' needs.
- Administering ADOMs.
- Configuring redundant arrays of independent disks (RAIDs).
- Configuring disk quotas for each piece of equipment.
- Encrypting communications between equipment and FortiAnalyzer.

Hands-on work : Using and administering FortiAnalyzer.

7) Logs and archives

- Registering the equipment that generate the logs.
- Displaying and analyzing logs.
- Monitoring events and activating alerts.

Hands-on work : Viewing logs.

8) Reports

- The relationship between SQL queries and datasets.
- Creating a dataset and a chart, and using it in the report.
- Scheduling reports or generating them on-demand.

Hands-on work : Setting up reports.

DATES

REMOTE CLASS
2024 : 24 Jun, 26 Sep, 19 Dec