

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.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@ORSYS.fr to review your request and its feasibility.

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