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Fortinet Training: FortiGate III

(EDU-NSE7)

3 days (21 hours)

Presentation

FortiGate is a core element of the security fabric, and validated security protects the corporate network against known and unknown attacks. We will be presenting the latest version of the tool: [FortiGate 7.4](#).

Objectives

- Integrate FortiManager, FortiAnalyzer, and multiple FortiGates as part of Fortinet's Security Fabric
- Centralize management and analysis of network security events
- Optimizing the use of FortiGates resources
- Diagnose and monitor user traffic via FortiGate start tools
- Diagnose problems with Conserve mode, high CPU usage, firewall rules, session helpers, IPsec, FortiGuard, content inspection, routing and high availability.
- Strengthening corporate services
- Simultaneously deploy IPsec tunnels on multiple sites via the FortiManager VPN console
- Configure ADVPN to enable on-demand tunnels between different sites
- Combining OSPF and BGP to route corporate traffic

Target audience

Network security professionals involved in the design, administration and maintenance of an enterprise infrastructure protected by FortiGates. This course is aimed at those with in-depth knowledge of network security, and experience of operating FortiGates, FortiAnalyzer, and FortiManager.

Prerequisites

- FortiGate I and FortiGate II
- FortiAnalyzer
- FortiManager

Program

1. Enterprise Firewall
2. FortiOS Architecture
3. System Troubleshooting
4. Traffic and Session Monitoring
5. Routing
6. FortiGuard
7. Central Management
8. OSPF
9. Web Filtering
10. IPS
11. BGP
12. IPSEC
13. ADVPN

Certification

The FortiGate III course prepares you for NSE7 certification.

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.