

LAN Edge

Course Description

In this course (formerly Secure Access), you will learn how FortiGate, FortiAP, FortiSwitch, FortiManager, and FortiAuthenticator enable secure connectivity over wired and wireless networks. You will also learn how to provision, administer, monitor, and secure network access using FortiAP, FortiSwitch, and centralized management on FortiManager.

Product Version:

- FortiGate 7.0
- FortiAP 6.4
- FortiSwitch 7.0
- FortiAnalyzer 7.0
- FortiManager 7.0
- FortiAuthenticator 6.4

Course Duration:

3 days

Who should attend?.

Networking and security professionals involved in the design, administration, and management of FortiGate, FortiManager, FortiAP, FortiSwitch, and Wireless Manager devices used to secure access to their organization's resources should attend this course.

Certification:

This course is intended to help you prepare for the Fortinet NSE 7 - LAN Edge 7.0 certification exam. This exam is part of the Fortinet Certified Solution Specialist - Network Security certification track.

Prerequisites:

You must understand the topics covered in the following courses, or have equivalent experience:

- FCP - FortiGate Security
- FCP - FortiGate Infrastructure
- FCP - FortiManager
- FCP - Secure Wireless LAN

- FCP - FortiSwitch
- FCP - FortiAuthenticator

Outlines:

1. LDAP and RADIUS
2. Certificate-Based Authentication
3. RADIUS and Syslog Single Sign-On
4. Centralized Management
5. FortiSwitch
6. Port Security
7. Integrated Wireless
8. Guest Access
9. Enhanced Wireless

Objectives:

After completing this course, you will be able to:

- Configure advanced user authentication and authorization scenarios using RADIUS and LDAP
- Troubleshoot user authentication and authorization problems
- Implement two-factor authentication using digital certificates
- Implement and troubleshoot RADIUS and syslog single sign-on solutions
- Provision, configure, and manage FortiSwitch using FortiManager over FortiLink
- Configure Layer 2 authentication for wired and wireless users using 802.1X
- Provision, deploy, and manage FortiAP using FortiManager over FortiLink
- Deploy complex wireless networks with dynamic VLAN assignments
- Implement and deploy wireless networks with IoT segmentation
- Secure the wired and wireless network
- Provide secure access to guest users