SD-WAN Large Deployment Administrator

In this course, you will learn about common SD-WAN deployment scenarios using the Fortinet Secure SD-WAN solution. You will explore different situations, from a single enterprise site to environments with multiple data centers in multiple regions, that will help you to enhance and troubleshoot SD-WAN deployments. You will also learn how to deploy a new topology using the SD-WAN overlay template and the zero-touch provisioning process.

Product Version

- FortiOS 7.6.3
- FortiManager 7.6.3

Course Duration

- Lecture time (estimated): 6 hours
- Lab time (estimated): 6 hours
- Total course duration (estimated): 12 hours
    - 2 full days or 3 half days

Who Should Attend

Anyone responsible for designing a Fortinet SD-WAN solution or for the day-to-day management of a Fortinet SD-WAN deployment and network operations should attend this course.

Certification

This course is intended to help you prepare for the FCSS - *SD-WAN 7.6 Architect* exam. This exam is part of the following certification tracks:

- Fortinet Certified Solution Specialist - Network Security
- Fortinet Certified Solution Specalist - Secure Access Service Edge

Prerequisites

You must have advanced knowledge of networking, and extensive hands-on experience working with FortiGate and FortiManager.

It is also recommended that you have an understanding of the topics covered in the following courses, or have equivalent experience:

- FCSS SD-WAN Core Operations 7.6 Administrator
- FCP - *FortiGate 7.6 Administrator*
- FCP - *FortiManager 7.6 Administrator*

Agenda

1. Centralized Management
2. SD-Branch and Zero-Touch Provisioning
3. SD-WAN Overlay Design and Best Practices
4. Dual-Hub and Multiregion Topologies
5. ADVPN

Objectives

After completing this course, you should be able to:

- Describe the capabilities of the Fortinet Secure SD-WAN solution
- Deploy FortiOS SD-WAN solutions with FortiManager and FortiAnalyzer
- Configure SD-WAN management on FortiManager
- Configure advanced SD-WAN features
- Use the FortiManager SD-WAN overlay orchestrator
- Use ZTP to deploy SD-WAN branch devices
- Describe the use cases for SD-WAN with dual-hub topologies
- Design a scalable SD-WAN hub-and-spoke topology
- Deploy SD-WAN using ADVPN 2.0 and dynamic BGP

Training Delivery Options and SKUs

Instructor-Led Training

Includes standard NSE training content delivered in person onsite, or live online using a virtual classroom application. Training is delivered within public classes or as a private class. Private requests are scoped, quoted, developed, and delivered by Fortinet Training (minimum quantities apply).

Contact your Fortinet Resellers or Authorized Training Partners to purchase this course.

Self-Paced Training

Includes online training videos and resources through the Fortinet Training Institute library, free of charge.

You can purchase on-demand lab access with interactive, hands-on activities using the following methods:

- Credit card, through the course on the Fortinet Training Institute
- Purchase order (PO), through Fortinet Resellers or Authorized Training Partners

After you complete the purchase, you receive lab access and the accompanying lab guide within the self-paced course.

For training and lab SKUs, or additional purchasing information, refer to Purchasing Process.

ISC2

- CPE training hours: 6
- CPE lab hours: 6
- CISSP domains: Security Operations

Program Policies and FAQs

For questions about courses, certification, or training products, refer to Program Policy Guidelines or Frequently Asked Questions.