SD-WAN

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 multiple data center environments, that will help you to enhance and troubleshoot SD-WAN deployments.

Product Version

- FortiOS 7.2.4
- FortiManager 7.2.2

Course Duration

- Lecture time (estimated): 11 hours
- Lab time (estimated): 13 hours
- Total course duration (estimated): 24 hours
    - 4 full days or 5 half days

Who Should Attend

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

Certification

This course is intended to help you prepare for the *Fortinet NSE 7 - SD-WAN 7.2* certification exam. This exam is part of the Fortinet Certified Solution Specialist - Network Security certification track.

Prerequisites

- Advanced knowledge of networking, and extensive hands-on experience working with FortiGate and FortiManager
- It is recommended that you have an understanding of the topics covered in the following courses, or have equivalent experience:
  - *FCP - FortiGate Security*
  - *FCP - FortiGate Infrastructure*
  - *FCP - FortiManager*

Agenda

1. Introduction
2. Centralized Management
3. Members, Zones, and Performance SLAs
4. Routing and Sessions
5. Rules
6. SD-WAN Overlay Design and Best Practices
7. Monitoring and Troubleshooting

Objectives

After completing this course, you will be able to:

- Describe the capabilities of the Fortinet Secure SD-WAN solution
- Deploy FortiOS SD-WAN solutions with FortiManager and FortiAnalyzer
- Configure basic SD-WAN features
- Configure advanced SD-WAN features
- Understand and use the FortiManager SD-WAN overlay template
- Understand the SD-WAN route and rule lookup process
- Understand the different rule criteria and strategies available to steer traffic using SD-WAN and how SD-WAN responds to changing link conditions
- Deploy SD-WAN using basic IPsec and routing configuration
- Deploy SD-WAN using advanced IPsec and routing configuration
- Troubleshoot SD-WAN routing and rule matching issues

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).

Use the following ILT Training SKU to purchase scheduled public classes of this course through Fortinet Resellers or Authorized Training Partners:

FT-SD-WAN

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.

Use the following on-demand lab training SKU to purchase lab access using a PO:

FT-SD-WAN-LAB

See Purchasing Process for more information about purchasing Fortinet training products.

ISC2

- CPE training hours: 11
- CPE lab hours: 13
- 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.