



# 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 6.4.5
- FortiManager 6.4.5

## Course Duration

- Lecture time (estimated): 6 hours
- Lab time (estimated): 6 hours
- Total course duration (estimated): 12 hours / 2 days

## Who Should Attend

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

## Certification

This course is intended to help you prepare for the NSE 7 SD-WAN certification exam.

## 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:
  - NSE 4 FortiGate Security
  - NSE 4 FortiGate Infrastructure
  - NSE 5 FortiManager

## Agenda

1. Introduction
2. Routing, Sessions, and Performance SLA
3. SD-WAN Rules
4. Traffic Shaping
5. Integration
6. Advanced IPsec
7. Auto-discovery VPN (ADVPN)

## Objectives

After completing this course, you should be able to:

- Describe capabilities of the Fortinet Secure SD-WAN solution
- Configure basic SD-WAN features
- Configure advanced SD-WAN features
- Differentiate basic static routing from the advanced dynamic routing capabilities of the Fortinet Secure SD-WAN solution
- Configure SD-WAN with advanced VPN features
- Integrate FortiOS SD-WAN solutions with FortiManager for central management

## 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 [NSE 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 NSE 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.

## (ISC)<sup>2</sup>

- 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](#).

