

# SD-WAN

## Course Description

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:

4 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

## Outlines:

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