

Cisco Catalyst SD-WAN Operation and Deployment **(SDWFND) v3.0**

Duration: 16 HRS

Description

The **Cisco Catalyst SD-WAN Operation and Deployment (SDWFND)** training provides foundational concepts, business drivers, and an architectural vision of Cisco Catalyst software-defined wide area network (SD-WAN), demonstrating how its core principles enable agile, secure, and cloud-ready WAN solutions to meet modern business demands.

How You'll Benefit

This training will help you:

- Establish transport-independent WAN for lower cost and higher diversity
- Meet SLAs for business-critical and real-time applications
- Provide end-to-end segmentation for protecting critical enterprise compute resources
- Extend seamlessly into the public cloud
- Optimize the user experience for Software-as-a-Service (SaaS) applications

Who Should Enroll

- Network Engineers
- Network Architects
- Network Designers
- Network Administrators
- Solutions Architects
- Consulting Systems Engineers
- Technical Solutions Architects
- Cisco Integrators/Partners

Course Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Familiarity with traditional WAN technologies such as MPLS and internet circuits
- Working knowledge of Cisco IOS networking and concepts, including Open Shortest Path First (OSPF) routing and IPsec tunnels
- Basic understanding of network security concepts and familiarity with operating system interfaces (CLI/GUI) for device interaction

These skills can be found in the following Cisco Learning Offerings:

- [Implementing and Administering Cisco Solutions \(CCNA\)](#)
- [Implementing and Operating Cisco Enterprise Network Core Technologies \(ENCOR\)](#)

Course Outline

- SD-WAN Evolution and Core Concepts
- Cisco Catalyst SD-WAN Components and Roles
- Initial SD-WAN Deployment
- Secure Data Plan and Segmentation
- Configuration Management and Automation
- Overlay Routing and Integration
- Cisco Catalyst SD-WAN Policies
- Direct Internet Access and Cloud Optimization

Lab Outline

- Access and Monitor Cisco Catalyst SD-WAN Components
- Deploy and Verify Cisco Catalyst SD-WAN Edge Routers
- Deploy Cisco Catalyst SD-WAN Edge Configuration



- Implement Cisco Catalyst SD-WAN Overlay Routing
- Deploy Cisco Catalyst SD-WAN Policies

