# Cisco SD-WAN Operation and Deployment (SDWFND) v2.0

## Course Duration: 16 Hours (2 Days)

## Overview

The Cisco SD-WAN Operation and Deployment (SDWFND) v2.0 course is designed to provide an in-depth understanding of Cisco's Software-Defined Wide Area Network (SD-WAN) solution and its components. This course covers the architecture, features, and benefits of the SD-WAN solution and explains how to deploy, manage, and maintain a secure extensible network. Learners will gain knowledge through a series of lessons, starting with an SD-WAN Solution Overview and delving into the details of SD-WAN Components and their management. The course progresses to explore Cisco SD-WAN Network Deployment, including Secure control and data plane operations, Cloud deployments, and Redundancy strategies. Through the SD-WAN Template Deployment module, students will learn about creating and managing templates for scalable deployments. The SD-WAN Overlay Routing and SD-WAN Policies and QoS modules will teach students about overlay routing mechanisms, policy framework, construction, and Quality of Service configurations. The practical application of knowledge is reinforced with a lab module that allows students to Manage and Monitor Cisco SD-WAN Components, Deploy and Verify Cisco SD-WAN Edge Routers, Deploy Cisco SD-WAN Edge Configuration, Implement Cisco SD-WAN Overlay Routing, and Deploy Cisco SD-WAN Policies. By completing this course, learners will be equipped with the skills necessary to successfully deploy and manage Cisco SD-WAN in a variety of network environments, ensuring efficient and secure connectivity across corporate networks.

## Audience Profile

The Cisco SD-WAN Operation and Deployment (SDWFND) v2.0 course is designed for professionals who want to understand and implement Cisco's SD-WAN solutions.

- Network Engineers
- Systems Engineers
- Support Technicians
- Network Operations Specialists
- Network Administrators
- Solution Architects
- Network Designers
- IT Managers with a focus on network infrastructure
- Technical Support Personnel involved with SD-WAN operations and deployment
- Network Consultants
- Professionals preparing for Cisco certification exams related to SD-WAN

# Course Syllabus

## Outline

- Cisco SD-WAN Solution Components
- Cisco SD-WAN Network Deployment
- Cisco SD-WAN Configuration Management
- Cisco SD-WAN Overlay Routing
- Cisco SD-WAN Policies

## Lab outline

- Manage and Monitor Cisco SD-WAN Components
- Deploy and Verify Cisco SD-WAN Edge Routers
- Deploy Cisco SD-WAN Edge Configuration
- Implement Cisco SD-WAN Overlay Routing
- Deploy Cisco SD-WAN Policies