SDWFND - CISCO SD-WAN OPERATION AND DEPLOYMENT V2.0

Course Code: 9912

Cisco SD-WAN is a new technology, this training covers salient features such as zero-touch provisioning, secure network bring-up, configuration using feature templates, configuration of Overlay Management Protocol (OMP) and policies for network traffic management.

The Cisco SD-WAN Operation and Deployment (ENSDW) v1.0 course provides an overview of the Cisco SD-WAN solution and SD-WAN components. Students will learn how to create, manage, and operate a secure extensible network using Cisco SD-WAN products. The course covers how to configure, operate, and monitor overlay routing in a secure extensible network. Students will also learn about policies and quality of service (QoS) in the SD-WAN overlay network.

What You'll Learn

Upon completion of this course, you will be able to:
- Identify the various components and architecture of the Cisco SD-WAN solution.
- Deploy vEdge routers in a secure extensible network.
- Create templates to aide in the deployment and operation of the secure extensible network.
- Configure and verify overlay routing in the secure extensible network.
- Create simple policies to control traffic flow in the secure extensible network.

Who Needs to Attend

- Enterprise Network System Installers
- System Integrators
- System Administrators
- Network Administrators
- Solutions Designers

Prerequisites

It is recommended, but not required, to have the following skills and knowledge before attending this course:
- Strong understanding of enterprise wide area network design

- Strong understanding of routing protocol operation, including both interior and exterior routing protocol operation
- Familiarity with Transport Layer Security (TLS) and IP Security (IPSec)

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VIRTUAL CLASSROOM LIVE	$2,595 CAD	2 Day

Virtual Classroom Live Outline

Module 1: SD-WAN Solution Components

- Lesson 1: SD-WAN Solution Overview
- Lesson 2: SD-WAN Components
- Lesson 3: Managing SD-WAN Components

Module 2: Secure Extensible Network Deployment

- Lesson 1: Secure Control Plane Operation
- Lesson 2: Secure Control Plane Deployment
- Lesson 3: Secure Data Plane Operation
- Lesson 4: Cloud Deployments and Redundancy

Module 3: SD-WAN Template Deployment

- Lesson 1: Templates Overview
- Lesson 2: Feature Templates
- Lesson 3: Device Templates
- Lesson 4: Attaching Devices to Templates

Module 4: SD-WAN Overlay Routing

- Lesson 1: Overlay Routing Overview
- Lesson 2: OMP Route Advertisements
- Lesson 3: OMP Route Redistribution and Network Segmentation
- Lesson 4: Configuring and Verifying Overlay Routing

Module 5: SD-WAN Policies and QoS

- Lesson 1: Policy Overview and Framework
- Lesson 2: vSmart Policy Operation and Construction
- Lesson 3: Forwarding and QoS Overview
- Lesson 4: Configuring and Monitoring QoS Forwarding

Virtual Classroom Live Labs

- Lab 1: Manage and Monitor SD-WAN Components
- Lab 2: Deploy and Verify SD-WAN vEdge Routers
- Lab 3: Deploy SD-WAN Templates
- Lab 4: SD-WAN Overlay Routing
- Lab 5: SD-WAN Policies

Feb 19 - 20, 2026 | 8:30 AM - 4:30 PM EST

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ON-DEMAND	$650 CAD

On-Demand Outline

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- Lesson 3: Managing SD-WAN Components

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On-Demand Labs
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- **Lab 3: Deploy SD-WAN Templates**
- **Lab 4: SD-WAN Overlay Routing**
- **Lab 5: SD-WAN Policies**

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PRIVATE GROUP TRAINING	2 Day

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