

Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS)

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The Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS) training teaches you advanced knowledge and skills related to Cisco software-defined wide area network (SD-WAN) security and cloud services. Through a series of labs and lectures, you will learn about on-box security services, including application-aware enterprise firewall, intrusion prevention, URL filtering, malware protection, and Transport Layer Security (TLS) or Secure Socket Layer (SSL) decryption. You will also learn about cloud integration with multiple cloud service providers across multiple use cases.

Additionally, the labs will allow you to configure and deploy local security services and cloud security services with the Cisco Umbrella Secure Internet Gateway (SIG), as well as integrate the Cisco SD-WAN fabric with a cloud service provider using the Cisco vManage automated workflows.

This training also earns you 24 Continuing Education (CE) credits toward recertification.

How you'll benefit

This class will help you:

- Gain introductory knowledge of the security and cloud services available in Cisco SD-WAN
- Expand your knowledge of integrated security services, such as the application aware firewall and intrusion prevention and cloud and collocated security services in on-premises and private or public cloud environments
- Understand drivers, benefits, available features, and architecture of Cisco SD-WAN integrated and distributed security and cloud networking services
- Gain leading-edge skills for high-demand responsibilities focused on security and cloud services
- Earn 24 CE credits towards recertification

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The primary audience for this course is as follows:

- Network Engineers
- Network Security Engineers
- Network Architects
- Sales/presales Engineers

Course Duration

3 days

Course Price

\$2,995.00 or 29 CLCs

Methods of Delivery

- Instructor Led
- Virtual ILT
- On-Site

Prerequisites

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

- Basic understanding of enterprise routing
- Basic understanding of WAN networking
- Basic understanding of Cisco SD-WAN
- Basic understanding of public cloud services

OUTLINE

Module 1: Introducing Cisco SD-WAN Security

Module 2: Deploying On-Premises Threat Prevention

Module 3: Examining Content Filtering

Module 4: Exploring Cisco SD-WAN Dedicated Security Options

Module 5: Examining Cisco SASE

Module 6: Exploring Cisco Umbrella SIG

Module 7: Securing Cloud Applications with Cisco Umbrella SIG

Module 8: Exploring Cisco SD-WAN ThousandEyes

Module 9: Optimizing SaaS Applications

Module 10: Connecting Cisco SD-WAN to Public Cloud

Module 11: Examining Cloud Interconnect Solutions

Module 12: Exploring Cisco Cloud OnRamp for Colocation

Module 13: Monitoring Cisco SD-WAN Cloud and Security Solutions

LAB OUTLINE

Lab 1: Configure Threat Prevention

Lab 2: Implement Web Security

Lab 3: Deploy DIA Security with Unified Security Policy

Lab 4: Deploy Service Chaining

Lab 5: Configure Cisco Umbrella DNS Policies

Lab 6: Deploy Cisco Umbrella Secure Internet Gateway

Lab 7: Implement CASB Security

Lab 8: Microsoft 365 SaaS Testing by Using Cisco ThousandEyes

Lab 9: Configure Cisco OnRamp for SaaS

Lab 10: Deploy Cisco SD-WAN Multicloud Gateways

Lab 11: Cisco vAnalytics Overview