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

Category: Networking & Security | **Vendor:** Cisco

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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.

How You'll Benefit

This training 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

About This Course

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.

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Who Should Attend

This course is designed for the following roles:

- Network engineers
- Network security engineers
- Network architects
- Sales/presales engineers

Prerequisites & Entry Requirements

General Prerequisites:

Before taking this course, you should have a:

- Basic understanding of enterprise routing
- Basic understanding of WAN networking
- Basic understanding of Cisco SD-WAN
- Basic understanding of Public Cloud services

These recommended Cisco learning offerings may help students meet these prerequisites:

- Implementing and Administering Cisco Solutions (CCNA)
- Implementing Cisco SD-WAN Solutions (ENSDWI)
- Cisco SDWAN Fundamentals (SDWFND)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Describe Cisco SD-WAN security functions and deployment options
- Understand how to deploy on-premises threat prevention
- Describe content filtering options
- Implement secure Direct Internet Access (DIA)
- Explain and implement service chaining
- Explore Secure Access Service Edge (SASE) and identify use cases
- Describe Cisco Umbrella SIG and deployment options
- Implement Cisco Umbrella SIG and DNS policies
- Explore and implement Cloud Access Security Broker (CASB) and identify use cases (including Microsoft 365)
- Discover how to use Cisco ThousandEyes to monitor cloud services
- Configure Cisco ThousandEyes to monitor Microsoft 365 applications
- Examine how to protect and optimize access to the software as a service (SaaS) application with Cisco SD-WAN Cloud OnRamp
- Discover and deploy Cloud OnRamp for multi-cloud, including interconnect and collocation use cases
- Examine Cisco SD-WAN monitoring capabilities and features with vManage and vAnalytics

Detailed Course Outline

- Introducing Cisco SD-WAN Security
- Deploying On-Premises Threat Prevention
- Examining Content Filtering
- Exploring Cisco SD-WAN Dedicated Security Options
- Examining Cisco SASE
- Exploring Cisco Umbrella SIG
- Securing Cloud Applications with Cisco Umbrella SIG
- Exploring Cisco SD-Wan ThousandEyes
- Optimizing SaaS Applications
- Connecting Cisco SD-WAN to Public Cloud

- Examining Cloud Interconnect Solutions

- Exploring Cisco Cloud OnRamp for Colocation

- Monitoring Cisco SD-WAN Cloud and Security Solutions

Skills You Will Learn:

- Describe Cisco SD-WAN security functions and deployment options
- Understand how to deploy on-premises threat prevention
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Frequently Asked Questions

Q: What delivery options are available for Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS)?

Yes, we provide corporate training, dedicated training, and closed classes for Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Implementing Cisco SD-WAN Security and Cloud Solutions, SD-WAN, SDWSCS

Q: Why choose Nexus Human for Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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