

SDWSCS - IMPLEMENTING CISCO SD-WAN SECURITY AND CLOUD SOLUTIONS V1.2

Course Code: 821653

Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS) v. 1.2

The Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS) v1.2 course is an advanced training course focused on Cisco 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 TLS or SSL decryption. You will also learn about cloud integration with multiple cloud services providers and multiple use-cases.

Additionally, the lab 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 course will help you:

- Introduce you to the security and cloud services available in Cisco SD-WAN.
- Help you understand drivers, benefits, available features, and the architecture of Cisco SD-WAN integrated and distributed security and cloud networking services.

Use this course towards your Cisco Continuing (CE) Education Credits (24)
Pay by using your Cisco (CLCs) Learning Credits (28).

What You'll Learn

After completing the course, you should 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 Umbrella Secure Internet Gateway (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

Who Needs to Attend

The job roles best suited to the material in this course are:

- System Installers
- System Integrators
- System Administrators
- Network Administrators
- Solutions Designers
- Systems Architects
- Help you understand drivers, benefits, available features, and the architecture of Cisco SD-WAN integrated and distributed security and cloud networking services.

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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

ENSDWI – Implementing Cisco SD-WAN Solutions (or ..ICSDWAN-CT –Installing, Configuring, Monitoring and Troubleshooting Cisco (Viptela) SD-WAN)

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CLASSROOM LIVE

\$2,895 USD

3 Day

Classroom Live Outline

Course Outline

- Introducing Cisco SD-WAN Security
- Deploying On-Premises Threat Prevention
- Examining Content Filtering
- Exploring Cisco SD-WAN Dedicated Security Options
- Examining 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

Classroom Live Labs

Lab Outline

- Configure Threat Prevention
- Implement Web Security
- Deploy DIA Security with Unified Security Policy
- Deploy Service Chaining
- Configure Cisco Umbrella DNS Policies
- Deploy Cisco Umbrella Secure Internet Gateway

- Implement CASB Security
- Microsoft 365 SaaS Testing by Using Cisco ThousandEyes
- Configure Cisco OnRamp for SaaS

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VIRTUAL CLASSROOM LIVE

\$2,895 USD

3 Day

Virtual Classroom Live Outline

Course Outline

- Introducing Cisco SD-WAN Security
- Deploying On-Premises Threat Prevention
- Examining Content Filtering
- Exploring Cisco SD-WAN Dedicated Security Options
- Examining 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

Virtual Classroom Live Labs

Lab Outline

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Mar 30 - Apr 1, 2026 | 8:30 AM - 4:30 PM EDT

Jun 15 - 17, 2026 | 8:30 AM - 4:30 PM EDT

Aug 3 - 5, 2026 | 8:30 AM - 4:30 PM EDT

Oct 14 - 16, 2026 | 8:30 AM - 4:30 PM EDT

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ON-DEMAND

\$750 USD

On-Demand Outline

Course Outline

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- Examining Content Filtering
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- Examining SASE
- Exploring Cisco Umbrella SIG
- Securing Cloud Applications with Cisco Umbrella SIG
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- 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

On-Demand Labs

Lab Outline

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- Implement Web Security
- Deploy DIA Security with Unified Security Policy
- Deploy Service Chaining
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PRIVATE GROUP TRAINING

3 Day

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