

SDWSCS (IMPLEMENTING CISCO SD-WAN SECURITY AND CLOUD SOLUTIONS (SDWSCS) V1.1) 1.1

Objetivo

After completing this training, 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 Cisco Umbrella Secure Internet Gateway (SIG) and deployment options
- Implement Cisco Umbrella SIG and Domain Name System (DNS) policies
- Explore and implement Cloud Access Security Broker (CASB) and identify use cases (including Microsoft 365)
- Describe 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
- Describe and deploy Cloud OnRamp for multi-cloud, including interconnect and colocation use cases
- Examine Cisco SD-WAN monitoring capabilities and features with vManage and vAnalytics.

Público Alvo

This training is designed for the following roles:

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

Pré-Requisitos

Before taking this training, 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 SD-WAN Operation and Deployment (SDWFND)

Carga Horária

24 horas (3 dias).

Conteúdo Programático

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

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
- Deploy Cisco SD-WAN Multicloud Gateways
- Cisco vAnalytics Overview