

ENSDW (CISCO SD-WAN OPERATION AND DEPLOYMENT (ENSDW) V1.0) 1.0

Objetivo

Establish transport-independent WAN for lower cost and higher diversity Meet SLAs for business-critical and real-time applications Provide end-to-end segmentation for protecting critical enterprise compute resources Extend seamlessly into the public cloud Optimize the user experience for Software-as-a-Service (SaaS) applications

Público Alvo

Enterprise network system installers System integrators System administrators Network administrators Solutions designers

Pré-requisitos

Strong understanding of enterprise WAN design Strong understanding of routing protocol operation, interior and exterior Familiarity with Transport Layer Security (TLS) and IP Security (IPsec)

Carga Horária

16 horas (2 dias).

Conteúdo Programático

SD-WAN Solution Components

- SD-WAN Solution Overview
- SD-WAN Components
- Managing SD-WAN Components

Secure Extensible Network Deployment

- Secure Control Plane Operation
- Secure Control Plane Deployment
- Secure Data Plane Operation
- Cloud Deployments and Redundancy

SD-WAN Template Deployment

- Templates Overview
- Feature Templates
- Device Templates
- Attaching Devices to Templates

SD-WAN Overlay Routing

- sOverlay Routing Overview
- OMP Route Advertisements
- OMP Route Redistribution and Network Segmentation
- Configuring and Verifying Overlay Routing

SD-WAN Policies and QoS

- Policy Overview and Framework
- vSmart Policy Operation and Construction
- Forwarding and QoS Overview
- Configuring and Monitoring QoS Forwarding

Lab Outline

- Manage and Monitor SD-WAN Components
- Deploy and Verify SD-WAN vEdge Routers
- Deploy SD-WAN Templates
- SD-WAN Overlay Routing
- Smart Policies