

SPEDGE (IMPLEMENTING CISCO SERVICE PROVIDER NEXT-GENERATION EDGE NETWORK SERVICES)

Objetivo

This course is a five-day course that is designed to help students prepare for the Cisco CCNP SP certification. The SPEDGE course is a component of the CCNP SP curriculum. The SPEDGE course is designed to provide service provider professionals with information on the use of service provider VPN solutions. The goal is to train professionals to enable service provider point of presence to provide Layer 2 and Layer 3 VPNs. The SPEDGE training reinforces the instruction by providing students with hands-on labs to ensure they thoroughly understand how to implement VPNs within their networks. The course also includes classroom activities with remote labs that are useful to gain practical skills on deploying Cisco IOS/IOS XE and Cisco IOS XR features to operate and support service provider network.

Público Alvo

Channel Partner / Reseller Customer Employee

Pré-Requisitos

SPNGNG1, SPNGN2, SPROUTE, SPADVROUTE and SPCORE Recommended

Carga Horária

40 horas (5 dias).

Conteúdo Programático

Module 1: VPN Technologies
Lesson 1: Introducing VPNs
Lesson 2: Introducing MPLS VPNs
Module 2: MPLS Layer 3 VPNs
Lesson 1: Implementing MPLS Layer 3 VPN Backbones
Lesson 2: Deploying Basic Routing in MPLS VPNs
Lesson 3: Deploying OSPF and BGP in MPLS VPNs
Module 3: Special Connectivity in MPLS Layer 3 VPNs
Lesson 1: Implementing Special Connectivity in MPLS VPNs
Lesson 2: Implementing Internet Access in MPLS VPNs
Module 4: MPLS IPv6 and Interdomain Solutions
Lesson 1: Deploying IPv6 in MPLS Environment
Lesson 2: Introducing MPLS Interdomain Solutions
Module 5: Layer 2 VPNs

Lesson 1: Introducing Layer 2 VPNs
Lesson 2: Implementing AToM
Lesson 3: Implementing VPLS
Lesson 4: Enhancing L2VPN Scalability