IT-SDWAN300 - Implementing Cisco SD-WAN Solutions

Cisco - CCNP Enterprise - Networking

Durata:	Lingue:	Certificazione:
4 Giorni	**Italiano**	**Cisco Certified Network Professional Enterprise**

Descrizione del corso

The Implementing Cisco SD-WAN Solutions (SDWAN300) v1.0 course gives you deep-dive training about how to design, deploy, configure, and manage your Cisco® Software-Defined WAN (SD-WAN) solution in a large-scale live network, including how to migrate from legacy WAN to SD-WAN. You will learn best practices for configuring routing protocols in the data center and the branch, as well as how to implement advanced control, data, and application-aware policies. The course also covers SD-WAN deployment and migration options, placement of controllers, how to deploy and replace edge devices, and how to configure Direct Internet Access (DIA) breakout. This course helps you prepare to take the 300-415 ENSDWI exam, one of the six 'enterprise concentration exams' that you can choose after 350-401 ENCOR exam to achieve the CCNP Enterprise certification. The 300-415 ENSDWI exam will be available on February 24, 2020.

Programma

Cisco SD-WAN Overlay Network

• Examining Cisco SD-WAN Architecture

Cisco SD-WAN Deployment

• Examining Cisco SD-WAN Deployment Options
• Deploying Edge Devices
• Deploying Edge Devices with Zero-Touch Provisioning
• Using Device Configuration Templates
• Redundancy, High Availability, and Scalability

Cisco SD-WAN Routing Options

• Using Dynamic Routing

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com

- Providing Site Redundancy and High Availability
- Configuring Transport-Side Connectivity

Cisco SD-WAN Policy Configuration

- Reviewing Cisco SD-WAN Policy
- Defining Advanced Control Policies
- Defining Advanced Data Policies
- Implementing Application-Aware Routing
- Implementing Internet Breakouts and Network Address Translation (NAT)

Cisco SD-WAN Migration and Interoperability

- Examining Cisco SD-WAN Hybrid Scenarios
- Performing a Migration

Cisco SD-WAN Management and Operations

- Performing Day-2 Operations
- Performing Upgrades

Lab outline

- Deploying Cisco SD-WAN Controllers
- Adding a Branch Using Zero Touch Provisioning (ZTP)
- Deploying Devices Using Configuration Templates
- Configuring Controller Affinity
- Implementing Dynamic Routing Protocols on Service Side
- Implementing Transport Location (TLOC) Extensions
- Implementing Control Policies
- Implementing Data Policies
- Implementing Application-Aware Routing
- Implementing Internet Breakouts
- Migrating Branch Sites
- Performing an Upgrade