

Cisco SD-WAN Operation and Deployment

Varighet: 2 Days Kurskode: SDWFND Version: 1.0 Opplæringsmetoder: Virtuell opplæring

Beskrivelse:

The Cisco SD-WAN solution is a cloud-delivered overlay WAN architecture that facilitates digital and cloud transformation for enterprises. Cisco SD-WAN significantly reduces WAN costs and time to deploy new services. With Cisco SD-WAN, you can build a robust security architecture that's crucial for hybrid networks and provides a strong policy framework. This Cisco SD-WAN Operation and Deployment (SDWFND) course provides an overview of the Cisco® Software-Defined WAN (SD-WAN) solution and SD-WAN components. Learn how to create, manage, and operate a secure extensible network using Cisco SD-WAN products. Gain the skills to configure, operate, and monitor overlay routing in a secure extensible network whilst developing an understanding of the policies and Quality of Service (QoS) deployed in the SD-WAN overlay network.

Virtuell opplæring

V&C Select™ er et veldig enkelt konsept og svært fleksibelt. Du kan delta personlig i klassen eller som virtuell deltaker. Når deres team er geografisk splittet eller du har et begrenset reisebudsjett kan du benytte deg av vår virtuelle klasserom. Kursinnholdet er akkurat det samme som i et vanlig klasserom og deltakerne får en instruktør "live" via internett. Deltaker kan chatte og snakke med sin instruktør og sine medstudenter. Global Knowledge vil sende deg all informasjon du trenger før kurset slik at du kan teste innlogging.

Målgruppe:

Engineers involved in the implementation of a Cisco SD-WAN environment.

Agenda:

- **After completing this course you should be able to:**
- Identify the various components and architecture of the Cisco SD-WAN solution.
- Deploy vEdge routers in a secure extensible network.
- Create templates to aide in the deployment and operation of the secure extensible network.
- Configure and verify overlay routing in the secure extensible network.
- Create simple policies to control traffic flow in the secure extensible network.

Forkunnskaper:

Attendees should meet the following pre-requisites:

- Strong understanding of enterprise wide area network design
- Strong understanding of routing protocol operation, including both interior and exterior routing protocol operation
- Familiarity with Transport Layer Security (TLS) and IP Security (IPSec)
- CCNA - Implementing and Administering Cisco Solutions
- ENCOR - Implementing and Operating Cisco Enterprise Network Core Technologies

Test og sertifisering

Recommended as preparation for the following exams:

- There are no exams currently aligned to this course

Påfølgende kurs:

- ENSDWI - Implementing Cisco SD-WAN Solutions

Innhold:

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

- Overlay 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
- Smart Policy Operation and Construction
- Forwarding and QoS Overview
- Configuring and Monitoring QoS Forwarding

Labs

- Lab 1: Manage and Monitor SD-WAN Components
- Lab 2: Deploy and Verify SD-WAN vEdge Routers
- Lab 3: Deploy SD-WAN Templates
- Lab 4: SD-WAN Overlay Routing
- Lab 5: SD-WAN Policies

Ytterligere informasjon:

For mer informasjon eller kursbooking, vennligst ring oss 22 95 66 00

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