

CIVND2

Cisco Network Certification



Implementing Cisco Video Network Devices, Part 2

Duration

5 days

Prerequisites

The knowledge and skills that a learner must have before attending this course are:

- Working knowledge of basic IP networking
- Knowledge of video conferencing and streaming fundamentals
- Cisco Basic IP networking e-learning or Interconnecting Cisco Devices, Part 1 and 2 (ICND1 and ICND2)
- Implementing Cisco Video Networking Devices, Part 1 (CIVND1)

Who Should Attend

The course is targeting for:

- Network administrators and network engineers
- System engineers

Benefits Realized

Upon completing this course, the learner will be able to:

- Describe Cisco Business Video components and architectures
- Implement Cisco Collaboration endpoints
- Implement Cisco TelePresence endpoints
- Implement Multipoint conferencing on Cisco collaboration endpoints
- Implement Cisco DMP endpoints

Course Content

This instructor-led course is designed to provide students with the necessary knowledge and skills to implement various Cisco Collaboration endpoints in converged Cisco infrastructures. It covers a range of Cisco Collaboration solutions and enables students to implement and troubleshoot Cisco Unified Communication. This course also introduces a new type of lab called a Discovery lab. Discovery labs are a learning environment, embedded in the lessons, that enables students to learn about principles and technology in a more interactive, hands-on way.

Course Outline

- **Module 1: Cisco Business Video Solutions**
 - Describing Cisco Video and Content Delivery
 - Describing Cisco Video Surveillance
 - Describing Cisco Collaboration
 - Discovering Central Collaboration Endpoint Control Elements
- **Module 2: Cisco Unified IP Phones, Collaboration Desk Endpoints, and Cisco Jabber**
 - Describing and Installing Cisco Unified IP Phones, Collaboration Desk Endpoints, and Cisco Jabber
 - Configuring Cisco Unified IP Phones and Cisco Jabber
 - Operating and Troubleshooting Cisco Unified IP Phones and Cisco Jabber
- **Module 3: Cisco TelePresence Endpoints**
 - Describing Cisco TelePresence Endpoint Characteristics and Installation
 - Configuring Cisco TelePresence CTS Software-Based and Cisco DX650 Endpoints
 - Configuring Cisco TelePresence TC Software-Based Endpoints
 - Operating and Troubleshooting Cisco TelePresence Endpoints
- **Module 4: Multipoint Conferencing**
 - Describing Cisco Multipoint Conferencing Solutions
 - Configuring and Monitoring Cisco Multipoint Conferencing
- **Module 5: Cisco Digital Media Players**
 - Describing Cisco DMP Characteristics and Installation
 - Configuring Cisco DMPs
 - Managing Cisco Edge 340 DMPs

