

# Cisco® Implementing Cisco® Video Network Devices, Part 2 v1.0 (CIVND2)

## Course Overview

This is a 5-day class

CIVND2 v1.0 includes major updates and follows an updated blueprint. The hardware and software has been updated to reflect the latest versions as of the writing of this course. The course also introduces a new type of lab called a Discovery lab.

## Who Should Attend

Network administrators Network engineers System engineers

## Course Objectives

Upon completing this course, you will be able to meet the following objectives: 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 Outline

### 1 Course introduction

Lesson 1-1: Describing Cisco Video and Content Delivery  
Lesson 1-2: Describing Cisco Video Surveillance  
Lesson 1-3: Describing Cisco Collaboration  
Lesson 1-4: Discovering Central Collaboration Endpoint Control Elements  
Lesson 2-1 Describing and Installing Cisco Unified IP Phones, Collaboration Desk Endpoints, and Cisco Jabber  
Lesson 2-2: Configuring Cisco Unified IP Phones and Cisco Jabber  
Hardware Lab 1: Implement Cisco Collaboration Endpoints

### 2 Lesson 2-3: Operating and Troubleshooting Cisco Unified IP Phones and Cisco Jabber

Hardware Lab 2: Operate and Troubleshoot Cisco Collaboration Endpoints  
Hardware Lab 2: Operate and Troubleshoot Cisco Collaboration Endpoints (Continued)  
Lesson 3-1: Describing Cisco TelePresence Endpoint Characteristics and Installation  
Lesson 3-2: Configuring Cisco TelePresence CTS Software-Based and Cisco DX650 Endpoints  
Hardware Lab 3: Implement Cisco Desktop Collaboration Experience DX650 Endpoints

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## 3 Lesson 3-3: Configuring Cisco TelePresence TC Software-Based Endpoints

Hardware Lab 4: Implement Cisco TelePresence TC Software-Based Endpoints Tasks 1-3

Lesson 3-3: Configuring Cisco TelePresence TC Software-Based Endpoints (Continued)

Hardware Lab 4: Implement Cisco TelePresence TC Software-Based Endpoints Tasks 4-6

Lesson 3-3: Configuring Cisco TelePresence TC Software-Based Endpoints (Continued)

Hardware Lab 4: Implement Cisco TelePresence TC Software-Based Endpoints Tasks 7-11

Lesson 3-3: Configuring Cisco TelePresence TC Software-Based Endpoints (Continued)

Hardware Lab 4: Implement Cisco TelePresence TC Software-Based Endpoints Tasks 12-14

## 4 Lesson 3-4: Operating and Troubleshooting Cisco TelePresence Endpoints

Hardware Lab 4: Implement Cisco TelePresence TC Software-Based Endpoints Tasks 15-17

Hardware Lab 4: Implement Cisco TelePresence TC Software-Based Endpoints Tasks 15-17 (Continued)

Lesson 4-1: Describing Cisco Multipoint Conferencing Solutions

Lesson 4-2: Configuring and Monitoring Cisco Multipoint Conferencing

Hardware Lab 5: Implement Multipoint Calls on Cisco Collaboration Endpoints Tasks 1-6

## 5 Lesson 4-2: Configuring and Monitoring Cisco Multipoint Conferencing (Continued)

Hardware Lab 5: Implement Multipoint Calls on Cisco Collaboration Endpoints Tasks 7-10

Lesson 4-2: Configuring and Monitoring Cisco Multipoint Conferencing (Continued)

Hardware Lab 5: Implement Multipoint Calls on Cisco Collaboration Endpoints Tasks 11-15

Lesson 5-1: Describing Cisco DMP Characteristics and Installation

Lesson 5-2: Configuring the Cisco DMP

Hardware Lab 6: Implement the Cisco Edge 340 DMP

Lesson 5-3: Managing Cisco Edge 340 DMPs

Hardware Lab 7: Operate and Troubleshoot the Cisco Edge 340 DMP