

Module Title : CIVND1 - Implementing Cisco Video Network Devices, Part 1 (CIVND1)

Duration : 3 days

Overview

CIVND1 - Implementing Cisco Video Network Devices, Part 1 (CIVND1) - This course provides students with the necessary knowledge to describe characteristics of video solutions and assess the requirements for a successful implementation of a video solution.

Implementing Cisco Video Network Devices, Part 1 (CIVND1) v1.0 is an update to the Implementing Cisco Video Network Devices, Part 1 (VIVND1) v1.0 course. It will help students prepare for the Cisco CCNA® Collaboration certification.

Completion of this course is highly recommended before taking the five-day instructor-led training Implementing Cisco Video Network Devices, Part 2 (CIVND2).

Who Should Attend

- Network Video Operator and Administrator
- Voice / UC / Collaboration / Communications Engineer
- Collaboration Tools Engineer
- Collaboration Sales / Systems Engineer

Course Certifications

This course is part of the following Certifications:

CCNA Collaboration

Prerequisites

It is recommended for the learner to have foundational IP networking knowledge such as that which is included as part of Cisco CCENT® or CCNA® certification. This e-learning assumes familiarity with the concepts included in the Interconnecting Cisco Networking Devices, Part 1 (ICND1) and with the basics from the Interconnecting Cisco Networking Devices, Part 2 (ICND2) training.

Course Objectives

The CIVND1 course teaches students the characteristics of video solutions and how to assess requirements for successful implementation of a video solution. The course describes the characteristics of a video solution and enables

students to evaluate the general requirements for video deployments such as codec options, media formats, protocols, network impact, high-level architectural components, interactions, and environmental considerations.

Course Content

Module 1: Video Conferencing and Streaming Fundamentals

- Lesson 1: Introduction to Video and Video Applications
- Lesson 2: Video Technology Basics
- Lesson 3: Video Protocols and Media
- Lesson 4: Functional Components of Video Infrastructures
- Lesson 5: Network Requirements of Video Solutions
- Lesson 6: Cisco Video Solution Architecture Overview

Module 2: Cisco TelePresence Endpoint Environmental Requirements and Installation

- Lesson 1: Environmental Requirements for Video Installations
- Lesson 2: Installing Cisco TelePresence Endpoints and Profile Systems