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Learning Style: On Demand

Provider: Cisco

Difficulty: Beginner

Course Duration: 40 Hours

Cisco Video Infrastructure Design (VID) v1.0 - On Demand



Course Information

About this course:

This course will provide skills to professionals who are responsible to install and

support Cisco TelePresence solutions. Candidates will be able to install/configure, operate and maintain core visual communication components, including Cisco TelePresence endpoints.

The course will allow students to add Cisco TelePresence to existing Cisco Expressway environments. End-user technical staff, such as video system administrators and first-line support personnel can also take advantage of this course in terms of learning and implementing Cisco Video Infrastructure Design.

Course Objective:

Students will be equipped with following skills after taking this course:

- Define Cisco Meeting Server features
- Define integration of Cisco Collaboration Premise Solutions with Cisco Cloud
- Demonstrate how Cisco TelePresence Content Server (TCS) interacts with other products within Cisco's Business TelePresence Solution
- Define Cisco Business TelePresence Solutions components and architectures
- Understand Cisco TelePresence Video Communication Server (Expressway) for basic and advanced video networks
- Understand Cisco TelePresence Management Suite (TMS)

Audience:

- First-line support personnel
- Video system administrators
- End-user technical staff

Prerequisite:

Following skills are recommended, but not required to have before taking this course:

- Basic knowledge of video conferencing and streaming fundamentals
- Basic computer literacy
- Basic IP network literacy

Course Outline:

- **Module 1: Cisco Video Network Solutions**
- **Module 2: Cisco Endpoints Overview**
- **Module 3: Cisco Expressway Basic Setup**
- **Module 4: Components of Cisco Expressway Security**
- **Module 5: Call Control on a Cisco Expressway**
- **Module 6: Fundamentals of Subzones and Zones on a Cisco Expressway**
- **Module 7: Clustering on the Cisco Expressway**

- **Module 8: Cisco Meeting Server Features and Capabilities**
- **Module 9: Cisco Meeting Server API**
- **Module 10: Cisco Meeting Server Resilient and Scalable Deployments**
- **Module 11: Additional Features with Cisco Meeting Server**
- **Module 12: Cisco CMR Cloud, Premises and Hybrid Products**
- **Module 13: Cisco TelePresence Server and Cisco TelePresence Conductor**
- **Module 14: Cisco TMS Solution**
- **Module 15: Cisco Webex and Spark Cloud Solutions**
- **Module 16:: Cisco Spark Administration**
- **Module 17: Cisco Spark Hybrid Services**
- **Module 18: Cisco Spark API's and BOTS**

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