

Learning Services

Cisco Video Infrastructure Design (VID) v1.0



Overview

The Cisco Video Infrastructure Design (VID) version 1.0 Cisco® Training on Demand course is designed for individuals that install and support the Cisco Expressway™ video network solution. You will learn how to install, configure, operate, and maintain core visual communication components, including Cisco TelePresence® endpoints, and to integrate on-premises solutions with cloud solutions, meeting solutions, and management software.

You also learn about Cisco Meeting Server and the Cisco Collaboration Meeting Rooms (CMR) Cloud solution and how you can deploy large-scale telepresence conferencing quickly using Cisco TelePresence Management Suite (TMS). You'll be introduced to Cisco WebEx® and Cisco Spark™, and will learn how to administer Cisco Spark and how Cisco Spark integrates with Cisco Expressway. In addition, you gain an understanding of the APIs and automation features of Cisco Meeting Server and Cisco Spark.

Duration

The VID v1.0 Training on Demand course is a self-paced course that consists of 18 sections of instructor video and text along with interactive activities, content review questions, and challenge questions.

Target Audience

The primary audience for this course is end-user technical staff, video system administrators, first-line support personnel, and those preparing for the 500-701 VID exam.

Objectives

Upon completion of this course, you should be able to:

- Define Cisco TelePresence solutions components and architecture

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- Understand Cisco TelePresence Video Communication Server (Expressway) for basic and advanced video networks
 - Understand Cisco TelePresence Management Suite (TMS)
 - Define Cisco Meeting Server features
 - Describe the integration of Cisco collaboration on-premises solutions with Cisco Cloud
 - Demonstrate how Cisco TelePresence Content Server (TCS) interacts with other products within Cisco's TelePresence solution

Course Prerequisites

The knowledge and skills necessary before attending this course are:

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

Course Outline

- Section 1: Cisco Video Network Solutions
- Section 2: Cisco Endpoints Overview
- Section 3: Cisco Expressway Basic Setup
- Section 4: Components of Cisco Expressway Security
- Section 5: Call Control on a Cisco Expressway
- Section 6: Fundamentals of Subzones and Zones on Cisco Expressway
- Section 7: Clustering on the Cisco Expressway
- Section 8: Cisco Meeting Server Features and Capabilities
- Section 9: Cisco Meeting Server API
- Section 10: Cisco Meeting Server Resilient and Scalable Deployments
- Section 11: Additional Features with Cisco Meeting Server
- Section 12: Cisco CMR Cloud, Premises, and Hybrid Products
- Section 13: Cisco TelePresence Server and Cisco TelePresence Conductor
- Section 14: Cisco TMS Solution
- Section 15: Cisco WebEx and Spark Cloud Solutions
- Section 16: Cisco Spark Administration
- Section 17: Cisco Spark Hybrid Services
- Section 18: Cisco Spark APIs and BOTs

Lab Outline

There are no labs for this course.

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