Learning Services

Cisco Training on Demand

Cisco TelePresence Video Communications Server Intermediate (TVCSI) Version 2.1

Overview

The Cisco TelePresence® Video Communications Server (VCS) Intermediate Version 2.1 Cisco® Training on Demand course is an all-inclusive training solution designed to empower participants with the skills and knowledge needed to install and configure basic features on the VCS, including Session Initiation Protocol (SIP), H.323, interworking, internal routing, external routing, bandwidth management, and redundancy.

Interested in purchasing this course in volume at discounts for your company? Contact ctod-sales@cisco.com.

Duration

The TVCSI Training on Demand course consists of 7 modules and 20 video lessons, totaling more than 4 hours of video instruction along with 6 hands-on lab exercises.

Target Audience

This course is designed for installation engineers, third-line support engineers, and network design engineers who are responsible for the planning, configuration, and management of the Cisco TelePresence Video Communications Server.

Objectives

After completing this course, you should be able to install and configure a Cisco VCS including:

- Zones
- Subzones
- Search rules
Course Prerequisites
Before taking this course, you should have working knowledge and skills about the operation and configuration of Cisco TelePresence endpoints.

Course Outline
- Module 1: Course Introduction
- Module 2: Cisco VCS Initial Installation and Setup
- Module 3: Cisco VCS H.323 Gatekeeper and SIP Registrar
- Module 4: Cisco VCS Internal Call Routing
- Module 5: Cisco VCS Security
- Module 6: Cisco VCS External Call Routing
- Module 7: Cisco VCS Additional Features

Labs Outline
This course contains six hands-on virtual lab exercises. The topology for all labs is shown in Figure 1.

Figure 1. Topology for All Labs in TVCSI Course
The labs included in this course are:

- Lab 1: Cisco VCS Initial Configuration
- Lab 2: Cisco VCS SIP Registration
- Lab 3: Cisco VCS Call and Search Details
- Lab 4: Regular Expressions
- Lab 5: Neighbor Zones
- Lab 6: Cisco VCS Expressway Configuration

**Instructor: Bob DiCastro**

Ed Mitchell has more than 18 years as a network engineer and has been exclusively teaching Cisco technologies for 3 years. Currently based in Arkansas, Mitchell travels the world to teach students about a wide variety of Cisco products and technologies. A veteran of teaching this course, Mitchell is privileged to bring you his knowledge and expertise through this Training on Demand course.

**Supported Configurations**

Cisco Training on Demand videos are supported on PCs, Macs, and tablets using one of the following browsers, or later: Mozilla Firefox 30, Google Chrome 35, and Apple Safari 6. The labs are supported on PCs and Macs, but not on tablets.

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