
IMPLEMENTING CISCO IP TELEPHONY AND VIDEO PART 2 (CIPTV2)

Temario

This course follows on from Implementing Cisco IP Telephony and Video Part1 and prepares delegates for implementing Cisco Unified Communications Manager, Cisco VCS-C and Cisco Expressway in a multisite environment. It covers globalized call routing, Call Control Discovery (CCD), Cisco Unified Survivable Remote Site Telephony (SRST), and mobility features such as Cisco Device Mobility and Cisco Extension Mobility.

Delegates will apply a dial plan for a multisite environment, configure survivability for remote sites during WAN failure and implement solutions to reduce bandwidth requirements in the IP WAN. Delegates will also enable Call Admission Control (CAC) and implement ILS, GDPR and CCD.

This course is based on software version 10.6

Dirigido a

Engineers involved in the deployment of Cisco Collaboration solutions in multisite deployments, or individuals looking to achieve the CCNP Collaboration Career Certification..

Pre-requisitos

Attendees should meet the following prerequisites:

- Working knowledge of converged voice and data networks
- Ability to configure and operate Cisco Unified Communications Manager in a single-site environment. CIPTV1 or CIPT1 attendance is required. .

Objetivos

After you complete this course you will be able to:

- Describe multisite deployment issues and solutions, and describe and configure required dial plan elements
- Implement call-processing resiliency in remote sites by using Cisco Unified SRST, MGCP fallback

- Implement bandwidth management and CAC to prevent oversubscription of the IP WAN
- Implement Device Mobility and Cisco Extension Mobility
- Describing Cisco VCS and Cisco Expressway Series Deployment Options
- Deploy users in Cisco VCS environment
- Implement ILS, GDPR and CCD

Contenido

Multisite Deployment Implementation

- Identifying Issues in a Multisite Deployment
- Identifying Multisite Deployment Solutions
- Implementing a +E.164-based Dial Plan for International Multisite Deployments
- Implementing a URI Based Dial Plan for Multisite Deployments

Centralized Call-Processing Redundancy Implementation

- Implementing SRST and MGCP Fallback

Bandwidth Management and CAC Implementation

- Managing Bandwidth
- Implementing CAC

Implementation of Features and Applications for Multisite Deployments

- Implementing Device Mobility
- Implementing Cisco Extension Mobility
- Implementing Cisco Unified Mobility

Cisco VCS and Cisco Expressway

- Describing Cisco VCS and Cisco Expressway Series Deployment Options
- Deploying Users and Local Endpoints in Cisco VCS Control
- Interconnecting Cisco Unified Communications Manager and Cisco VCS
- Implementing Unified Communications Mobile and Remote Access

GDPR and CCD

- Implementing ILS and GDPR
- Implementing CCD