?Torrent?CIPT2 Implementing Cisco Unified Communications IP Telephony Part2 DVD

 Prepare to configure a Cisco Unified Communications Manager (CUCM) solution in a multisite environment in this course. You'll focus on CUCM Release 6.x/7.x, the call routing and signaling component for the Cisco Unified Communications solution. Learn to implement H.323 and Media Gateway Control Protocol (MGCP), use a Cisco Unified Border Element, and configure Survivable Remote Site Telephony (SRST), mobility features, and voice security.

In lab activities, you 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. You will enable call admission control (CAC) and automated alternate routing (AAR), a feature that allows rerouting of calls over the public switched telephone network (PSTN) if no bandwidth is available. You'll also work through labs for implementing CUCM Device Mobility, CUCM Extension Mobility, Cisco Unified Mobility, and voice security.

Course Outline

1. Course Introduction

2. Multisite Deployments
* Issues in a Multisite Deployment
* Multisite Deployment Solutions
* Implementing Multisite Connections
* Implementing a Dial Plan for Multisite Deployment

3. Centralized Call Processing Redundancy
* Examining Remote-Site Redundancy Options
* Implementing Cisco Unified SRST and MGCP Fallback
* Implementing CUCM Express in SRST Mode

4. Bandwidth Management and Call Admission Control
* Implementing Bandwidth Management
* Implementing Call Admission Control

5. Features and Applications for Multisite Deployments
* Implementing Call Applications on Cisco IOS Gateways
* Implementing Device Mobility
* Implementing CUCM Extension Mobility
* Implementing Cisco Unified Mobility

6. IP Telephony Security
* Cryptographic Fundamentals and PKI
* Native CUCM Security Features and PKI
* Implementing Security in CUCM

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