



Cisco IP Telephony Part 2 version 5

CIPT2V5

5 day

Overview :

Implementing Cisco Unified CallManager Part 2 (CIPT2) v5.0 is designed to provide learners with the necessary knowledge and skills to enable video calls and to secure, monitor, and manage a Cisco Unified Communications solution based on Cisco Unified CallManager, the call-routing and signaling component of the Cisco Unified Communications solution.

Target Audience :

- Channel Partner / Reseller
- Customer
- Employee

At the end of the course, delegates will be able to:

- Harden Cisco IP telephony devices, prevent toll fraud, understand cryptographic concepts, and apply cryptography to a Cisco Unified CallManager cluster
- Make IP video telephony calls with Cisco Unified Video Advantage and describe the basic components and characteristics of video calls and Cisco Unified CallManager configuration parameters that enable video
- Classify and use system management tools that can be used in a Cisco Unified CallManager environment

Course Content :

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| <ul style="list-style-type: none"> • Course Introduction • Securing IP telephony | <ul style="list-style-type: none"> • Enabling IP video telephony • Monitoring and Managing IP telephony |
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Course Prerequisites :

Working knowledge of fundamental terms and concepts of computer networking to include LANs, WANs, and IP switching and routing
 Ability to configure and operate Cisco routers and switches and to enable VLANs and DHCP
 Fundamental knowledge of converged voice and data networks
 Ability to configure voice interfaces on Cisco voice-enabled equipment for connection to traditional, nonpacketized telephony equipment and to configure the call flows for POTS and VoIP dial peers

Testing and Certification :

The Cisco IP Telephony for release 5.x 642-445 CIPT-5.x is the exam associated with the CCVP and Cisco IP Communications Support Specialist certifications. Candidates can prepare for this exam by taking the Cisco IP Telephony (Part 1) v5.0 and Cisco IP Telephony (Part 2) v5.0 courses. This exam tests a candidate's knowledge of VoIP and PSTN components and technologies and the candidate's ability to describe, install, configure and support CCM 5.x products in a Cisco network, including such features as security and video. Topics covered include VoIP, PSTN, and CCM.

Follow on Courses :

Further Information :

CIPT2V5/

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