

CCNP Collaboration Certification Content Updates from CCNP Voice

As Cisco Collaboration technology has evolved the skills needed to optimally design, implement, configure, and troubleshoot these solutions must keep pace. The CCNP Collaboration certification represents the video and voice convergence that is happening now and builds and validates the knowledge and skills expected of today's in-demand collaboration professionals.

The exams and training curriculum for CCNP Voice have been revised to now include both voice and video content as Cisco technology evolves. This document provides a summary of the topics that have been removed, as well as the topics that have been added from CCNP Voice to CCNP Collaboration.

CCNP Voice to CCNP Collaboration Exam Comparison

CCNP Voice Exam Requirements	CCNP Collaboration Exam Requirements
642-447 CIPT1 Implementing Cisco Unified Communications Manager, Part 1	300-070 CIPTV1 Implementing Cisco IP Telephony and Video, Part 1
642-457 CIPT2 Implementing Cisco Unified Communications Manager, Part 2	300-075 CIPTV2 Implementing Cisco IP Telephony and Video, Part 2
642-427 TVOICE Troubleshooting Cisco Unified Communications	300-080 CTCOLLAB Troubleshooting Cisco IP Telephony and Video
642-467 CAPPs Integrating Cisco Unified Communications Applications	300-085 CAPPs Implementing Cisco Collaboration Applications
642-437 CVOICE Implementing Cisco Voice Communications and QoS	

Candidates holding an active CCNP Voice certification are encouraged to visit the [CCNP Collaboration Exam Migration Tool](#) to determine their future path.

Exam Topic and Curriculum Updates

Updates to exam topics and training courses have been made. The tables below highlight these updates and candidates are encouraged to gain the knowledge difference before attempting to take the Professional-level exams.



CCNP Collaboration Certification Content Updates from CCNP Voice

CIPT1 to CIPTV1 Exam Topic Comparison

642-447 CIPT1 Exam Topics	300-070 CIPTV1 Exam Topics
Perform Initial Setup of a Cisco Unified Communications Manager Cluster	Dial Plan
Describe and Configure Cisco Unified Communications Manager to Support On-Cluster Calling	Describe the Basic Operation and Components Involved in a Call
Describe and Configure a Route plan for Cisco Unified Communications Manager to Support Off-Net Calling	Configure an IOS Gateway
Describe and Configure Cisco Unified Communications Manager Media Resources	Configure Conferencing Device
Describe and Configure the Cisco Unified Communications Manager to Support Features and Applications	QoS Model
	Describe and Configure Cisco Unified Communications Manager to Support On-Cluster Calling
	Configure Media Resources

(CIPTV1) Implementing Cisco IP Telephony & Video, Part 1 Curriculum Updates

The following content was added to the curriculum:

- Video calling
- Cisco IOS gateway,
- Cisco Unified Border Element (CUBE)
- QoS topics

The following content was removed from the curriculum:

- Cisco Unified Mobility
- CUCM Native Presence

CIPT2 to CIPTV2 Exam Topic Comparison

642-457 CIPT2 Exam Topics	300-075 CIPTV2 Exam Topics
Describe and Implement Centralized Call Processing Redundancy	VCS Control
Describe and Configure a Multi-Site Dial Plan for Cisco Unified Communication Manager	Collaboration Edge (VCS Expressway)
Implement Call Control Discovery and Cisco Inter Company Media Exchange	Configure CUCM Video Service Parameters
Implement Bandwidth Management and Call Admission Control	Describe and Implement Centralized Call Processing Redundancy



CCNP Collaboration Certification Content Updates from CCNP Voice

Implement Mobility Features	Describe and Configure a Multi-site Dial Plan for Cisco Unified Communications Manager
	Implement Call Control Discovery/ILS
	Implement Video Mobility Features
	Implement Bandwidth Management and Call Admission Control on CUCM

(CIPTV2) Implementing Cisco IP Telephony & Video, Part 2 Curriculum Updates

The following content was added to the curriculum:

- URI-based call routing and support for video calls
- Cisco Unified
- Enhanced location CAC GDPR

TVOICE to CTCOLLAB Exam Topic Comparison

642-427 TVOICE Exam Topics	300-080 CTCOLLAB Exam Topics
Apply the Cisco Recommended Methodology used to Determine General Unified Communications System Problems and Issues	Troubleshoot Registration Issues
Identify Available Tools to Operate and Troubleshoot a Unified Communications System	Troubleshoot Call Setup Issue
Troubleshoot Registration Issues	Troubleshoot Call Control Discovery and ILS
Troubleshoot Call Setup Issues	Troubleshoot Application Issues
Troubleshoot Database Issues	Troubleshoot Application Issues
Troubleshoot Call Control Discovery and Cisco Inter Company Media Exchange	Troubleshoot Call Quality Issues
Troubleshoot Application Issues	Troubleshooting Video Conferencing Architecture
Troubleshoot Media Resources	
Troubleshoot Voice Quality Issues	

(CTCOLLAB)Troubleshooting Cisco IP Telephony and Video Curriculum Updates

The following content was added to the curriculum:

- Troubleshooting Video calling
- Troubleshooting Cisco VCS Control
- Troubleshooting Cisco VCS Expressway series
- Troubleshooting Cisco TelePresence Management Suite



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CAPPS v8.0 to CAPPS v1.0 Exam Topic Comparison

642-467 CAPPS v8.0 Exam Topics	300-085 CAPPS V1.0 Exam Topics
Configure Cisco Unity Connection	TMS
Configure Cisco Unity Express using the GUI	Provisioning (TMS)
Configure VPIM to network Cisco Unity Connection and Cisco Unity Express	Cisco Jabber
Implement Cisco Unified Presence solution	Configure Cisco Unity Connection
	Configure Cisco Unity Express Using the GUI
	Implement IM and Presence Solution

(CAPPS) Implementing Cisco Collaboration Applications

The following content was added to the curriculum:

- Video calling and video greetings
- Video calling infrastructure
- New client devices Cisco Jabber and Cisco Jabber for Telepresence
- Cisco Prime Collaboration Provisioning for efficient system deployments

Learn More

Learn more about and the new [CCNP Collaboration certification](#) offerings and to start your exam preparation journey.

