



Implementing Cisco IP Telephony & Video, Part 2

Code: CIPTV2-1-0-SUB

URL: [View Online](#)

This is a Professional-level self-study technical course in the curriculum for the CCNP Collaboration certification. It prepares the learner for implementing Cisco Unified Communications Manager, Cisco VCS-C, and Cisco Expressway series in a multisite voice and video network. It covers globalized call routing, URI call routing, global dial plan replication based on the ILS, Cisco Unified SRST, mobility features, call admission control, integration of Cisco VCS and Cisco Unified Communications Manager, and Cisco Mobile Remote Access on Cisco Expressway Series.

Skills Gained

- Multisite Deployment Implementation
- Centralized Call-Processing Redundancy Implementation
- Bandwidth Management and CAC Implementation
- Implementation of Features and Applications for Multisite Deployments
- Cisco VCS and Cisco Expressway
- GDPR and CCD

Who Can Benefit

- Network administrators and network engineers
- CCNP Collaboration candidates
- Systems engineers

Prerequisites

- Working knowledge of converged voice, video, and data networks
- Working knowledge of the MGCP, SIP, and H.323 protocols and their implementation on Cisco IOS gateways
- Ability to configure and operate Cisco routers and switches
- Ability to configure and operate Cisco Unified Communications Manager in a single-site environment

Course Details

Cisco Digital E-Learning benefits students in many ways, as it's:

- **Effective:** Covers every learning style, with HD instructor-led video, searchable transcripts, and full Student Guide textbook
- **Interactive:** Offers engaging Discovery Labs for hands-on learning, plus graded challenge assignments to measure progress
- **Flexible:** Increases learning convenience, as students can work at their own pace, anytime, anywhere
- **Integrated:** Provides everything in one place; no multiple systems to log into
- **Unrivaled:** Gives you the benefits of Cisco expertise, based on years of unmatched learning and certification experience

Other Instructional features include:

- Search, which lets students go through all the instruction guides, as well as transcripts of videos
- Lab recordings, which let students see how other students performed in labs, to improve peer learning
- Labs-at-a-glance, showing each student's complete and incomplete labs, so they can track progress and make improvements
- Compatibility with smartphones and tablets, so students can learn wherever they go, with their progress saved for them
- Synchronized learning on multiple devices, so students can switch between a laptop and a tablet without losing their place
- Gamification, with achievement badges and medals awarded for mastering content and study techniques
- Leaderboard, indicating how the top 10 students rank, to add a friendly, competitive element
- Bookmarking, which lets students flag and add notes to important concepts or areas they want to review
- Glossary that can be easily browsed, with important terms highlighted
- Social media links, so students can share their progress on Facebook, LinkedIn, or Twitter
- Certificate of completion awarded to all students who finish each course
- Topic videos, including slides and a whiteboard to illustrate important fundamentals from a specific topic or subtopic

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