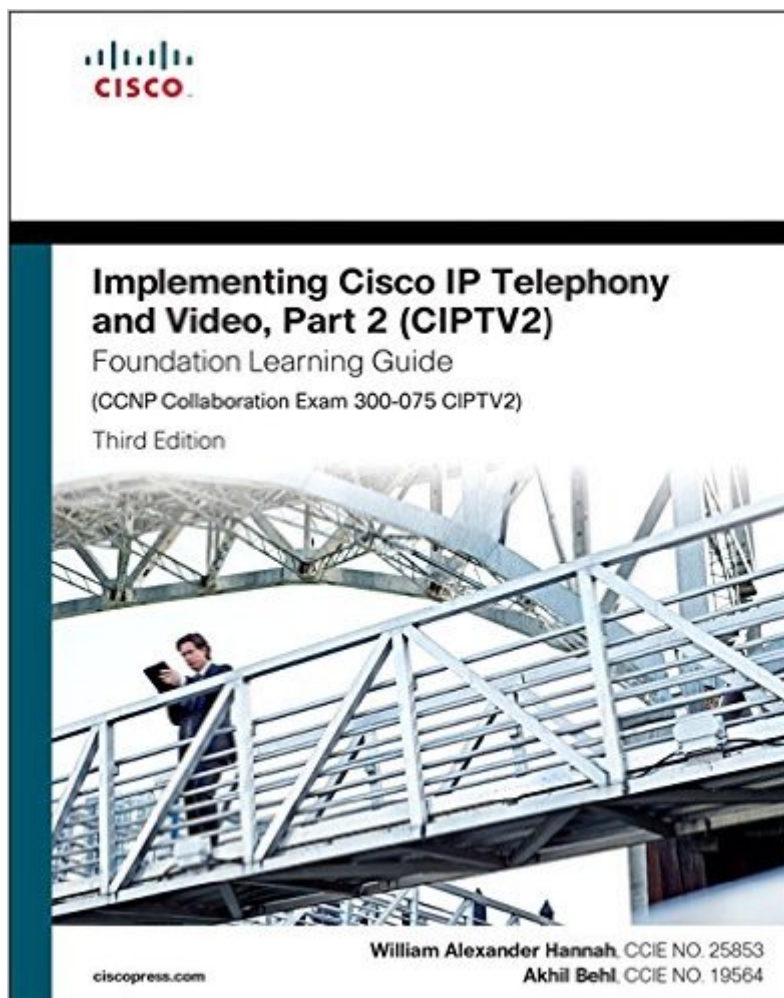# Implementing Cisco IP Telephony And Video, Part 2 (CIPTV2) Foundation Learning Guide (CCNP Collaboration Exam 300-075 CIPTV2) (3rd Edition) (Foundation Learning Guides)

Synopsis

Â Â Â Â Â Â Â Â Â Â Now fully updated for Ciscoâ ™s new CIPTV2 300-075 exam, Implementing Cisco IP Telephony and Video, Part 2 (CIPTV2) Foundation Learning Guide is your Cisco®Â authorized learning tool for CCNPÂ®Â Collaboration preparation. Part of the Cisco Press Foundation Learning Series, it teaches advanced skills for implementing aÂ Cisco Unified Collaboration solution in a multisite environment.   The authors show how to implement Uniform Resource Identifier (URI) dialing, globalized call routing, Intercluster Lookup Service and Global Dial Plan Replication, Cisco Service Advertisement Framework and Call Control Discovery, tail-end hop-off, Cisco Unified Survivable Remote Site Telephony, Enhanced Location Call Admission Control (CAC) and Automated Alternate Routing (AAR), and important mobility features.   They introduce each key challenge associated with Cisco Unified Communications (UC) multisite deployments, and present solutions-focused coverage of Cisco Video Communication Server (VCS) Control, the Cisco Expressway Series, and their interactions with Cisco Unified Communications Manager.   Each chapter opens with a topic list that clearly identifies its focus, ends with a quick-study summary of key concepts, and presents review questions to assess and reinforce your understanding. The authors present best practices based on Cisco Solutions Reference Network Designs and Cisco Validated Designs, and illustrate operation and troubleshooting via configuration examples and sample verification outputs.   This guide is ideal for all certification candidates who want to master all the topics covered on the CIPTV2 300-075 exam.   Shows how to craft a multisite dial plan that scales, allocates bandwidth appropriately, and supports QoS   Identifies common problems and proven solutions in multisite UC deployments   Introduces best practice media architectures, including remote conferencing and centralized transcoding   Thoroughly reviews PSTN and intersite connectivity options   Shows how to provide remote site telephony and branch redundancy   Covers bandwidth reservation at UC application level with CAC   Explains how to plan and deploy Cisco Device Mobility, Extension Mobility, and Unified Mobility   Walks through deployment of Cisco Video Communication Server and Expressway series, including user and endpoint provisioning Â Covers Cisco UCM and Cisco VCS interconnections Â Shows how to use Cisco UC Mobile and Remote Access   Â Covers fallback methods for overcoming IP WAN failure Â Demonstrates NAT traversal for video and IM devices via VCS Expressway   Introduces dynamic dial plan learning via GDPR, SAD, or CCD

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Customer Reviews

I'm not a stranger to Cisco Press self-study books and have heavily used self-study in my learning approach for various tests and certifications over the years. Alex Hannah and Akhil Behl do not disappoint and have successfully created the high quality resource that I expected. This book is simply the best self-study material available to prepare for the CIPTV2 300-075 exam.Much of the difficulty found within the 300-075 CIPTV2 exam can be explained by the large scope of material involved. It's difficult and time consuming to gain depth in all topics. The Cisco Press CIPTV2 self-study book does an outstanding job of rendering the information down into dense nuggets of information that allows the reader to consume knowledge as efficiently as reasonably possible. You won't find a lot of fluff, the information presented is done so for a reason. To get maximum benefit from the book, I recommend that you've either previously learned the CIPTV1 material (or the CCNP Voice certification) from the CCNP Collaboration blueprint.While this may seem subtle, the prolific use of the "Note" box is a personal favorite of mine and calls attention to and clarifies the most important concepts. Pay close attention to these boxes for important information that will likely be reflected in some manner on the official test. You'll also find tons of the requisite technical illustrations and diagrams as well. Logical flowcharts, examples of GUI screens and plenty of network diagrams are included throughout.From a purely selfish point of view, I needed to obtain the knowledge needed to pass the 300-075 exam for two reasons. Firstly, I need to update my knowledge beyond what was presented on the CCNP Voice certification.

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