

ICCR

Introduction to Cisco Cable Routers v4.0



The ICCR course reviews and enforces basic Radio Frequency knowledge as needed to implement data services over a hybrid fiber coax (HFC) network. This course will familiarize you with the Data Over Cable Service Interface Specification (DOCSIS) 1.1 and 2.0 including terminology, concepts and core protocol functionality. You will also become familiar with Cisco's uBR7246VXR, uBR7100 Series and uBR10012 CMTS products including overviews, hardware and software component functions, system configuration and troubleshooting using hands-on lab exercises to reinforce your knowledge. This course also introduces the topics and issues of Voice over a Packet Cable network, Digital Networking Overview and the basics of Cable Security. This update includes the addition of new CMTS line cards, the MC520U and the MC28U, with the associated content and lab exercises.

Course Contents

- Course Introduction
- Radio Frequency Overview
- Introduction to DOCSIS
- uBR 7100/7200 CMTS
- uBR 10012 Carrier Class CMTS
- Cable Security
- PacketCable Overview
- Digital Video Networking Overview

Knowledge Prerequisites

- ICND 1 - Interconnecting Cisco Network Devices Part 1 or equivalent experience
- CCNA BootCamp - The Power Program certification

Course Objectives

After completing this course the student should be able to explain and configure the necessary pieces within the CMTS architecture and features described throughout this course which include:

- Radio Frequency Fundamentals
- Introduction to DOCSIS (1.1 and 2.0)
- uBR 7200 CMTS
- uBR 10000 CMTS
- Cable Network Security
- PacketCable Overview
- Digital Video Networking Overview



Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.experteach-benelux.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +31 (0)76 52 32 950.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



ICCR

5 days

€2,995 exclusive of V.A.T.

Course date (dd.mm.yy)/Location

Course dates available on request

Up-to-date information: www.experteach-benelux.com

ICCR



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