



Cisco's New CCNA Concentrations



CCNA Voice - Implementing Cisco IOS Unified Communications

Implementing Cisco IOS Unified Communications (IIUC) v 1.0 is a five day instructor led course that focuses on the knowledge and skills needed to implement Cisco VOIP Networks consisting of voice gateways. It also focuses on implementing Cisco Unified Communication 500 Series for Smalls Business, Cisco Unified Communications Manager Express, and Cisco Unity Express in a Cisco Unified Communications Manager Express Installation.

Doelgroep

The target audience for this course is as follows:

- Network Administrators
- Network Engineers
- Network Managers
- Systems Engineers

The secondary audience for this course would be Network Designers.

Voorkennis

- ICND 1
- CCNA Basics Bootcamp (2 x 3 dagen)

Duur

5 dagen

Certificering / traject

CCNA/CCNA Voice

Examen

640-460 IIUC



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Onderwerpen:

Cisco Unified Communications Systems Introduction

- Introducing the Cisco Unified Communications System
- Understanding Cisco Unified Communications Applications

Traditional Telephony Operations

- Understanding Traditional Telephony
- Introducing Analog Circuits
- Introducing Digital Circuits

VoIP Fundamentals

- Understanding Packetization
- Introducing VoIP Signalling Protocols
- Implementing VLANs, Trunks and Inter VLAN Routing
- Preparing the Network to Support Cisco Unified Communications
- Connecting a VoIP System to a Service Provider Network
- Understanding Call Setup and digit Manipulation
- Describing QoS

Cisco Unified Communications Manager Express Implementation

- Introducing Cisco Unified Communications Manager Express
- Defining Ephone-dn and Ephone
- Configuring Cisco Unified Communications Express Manager to Support Endpoints
- Implementing Basic voice Features
- Maintaining a Cisco Unified Communications Manager Express System

Cisco Unity Express Implementation

- Introducing Cisco Unity Express
- Implementing Cisco Unity Express

Cisco Smart Business Communications System Implementation

- Introducing the Cisco Smart Business Communications Systems
- Implementing the Cisco Smart Business Communications Systems Voice Features
- Implementing Additional Cisco Smart Business Communications Systems Features
- Maintaining a Cisco Smart Business Communications Systems