IITUCX (IMPLEMENTING CISCO IOS TELEPHONY AND UNIFIED COMMUNICATIONS EXPRESS) 8.5

Objetivo

Upon completing this course, the learner will be able to meet these overall objectives: Explain the benefits and components of a Cisco Unified Communications system Describe how traditional telephony systems operate Describe the basic operation, protocols, and components that are involved in a VoIP call, and you will be able to configure a gateway to support these calls Implement Cisco Unified CME to support a single site Install and configure Cisco Unity Express, including Cisco Unity Express AutoAttendant

Público Alvo

The primary audience for this course is as follows: Network administrators Network engineers Systems engineers The secondary audience for this course is as follows: Network managers The tertiary target audience for this course is as follows: Network designers

Pré-Requisitos

The knowledge and skills that a learner must have before attending this course are as follows: Working knowledge of fundamental terms and concepts of computer networking to include LANs, WANs, and IP switching and routing Interconnecting Cisco Network Devices Part 1 (ICND1) Ability to configure and operate Cisco routers and switches Cisco CCENT certification recommended prerequisite

Carga Horária

40 horas (5 dias).

Conteúdo Programático

Preparing the Network to Support Cisco Unified Communications
Connecting a VoIP System to a Service Provider Network
Understanding Call Setup and Digit Manipulation
Cisco Unified Communications Manager Express Implementation
Introducing Cisco Unified Communications Manager Express
Defining Ephone-dn and Ephone
Configuring Cisco Unified Communications Manager Express to Support Endpoints
Configuring SIP IP Phones
Implementing Basic Voice Features
Introducing Cisco Configuration Professional
Implementing Cisco Unified Communications Manager Express by Using Cisco Configuration Professional
Understanding Call Setup Flows and Configuring Digit Manipulation

Configuring Class of Restriction
Understanding Call Center Features
Describing Network Management for Cisco Unified Communications Manager Express
Cisco Unity Express Implementation
Introducing Cisco Unity Express
Implementing Cisco Unity Express
Configuring Cisco Unity Express Users, Groups and Voice Mailboxes
Configuring Cisco Unity Express Extended Functionality
Configuring Cisco Unity Express AutoAttendant

Laboratório
Demonstrate Voice Theory
Prepare the Infrastructure to Support Cisco Unified Communications
Configure POTS Dial Peers
Configure VoIP Dial Peers
Configure Cisco Unified Communications Manager Express to Support Endpoints
Implementing Basic Voice Features
Configure Digit Manipulation and Path Selection
Configure COR and Toll Restriction
Implement Cisco Unity Express
Configure a Simple AutoAttendant by Using GUI
Configure a Complex AutoAttendant by Using Cisco Unified Communications Editor