

CLCOR-OP**Implementing and Operating Cisco Collaboration Core Technologies On-Premises**

40 horas

Profissional

Cisco

INTRODUÇÃO

The CLCOR-OP training provides a deep working knowledge of on-premises Cisco collaboration infrastructure, covering UCM, LDAP, dial plans, edge services, Expressway, CUBE, and Unity Connection.

OBJETIVO DO CURSO

Introduce Cisco collaboration architecture concepts

Implement layered security across Cisco Collaboration systems

Understand infrastructure, signaling, and media transport protocols

Describe clustering and grouping options

Automate users in UCM using LDAP integrations

Explore device provisioning methods in UCM

Apply dial plan and endpoint addressing functions

Implement globalized call routing

Configure calling privileges and toll fraud prevention

Understand Cisco Collaboration APIs

Determine tools to troubleshoot UCM

Describe edge services including Expressway and CUBE

Demonstrate fundamental and advanced CUBE functions

Apply CUBE troubleshooting strategies

Configure media resources for Cisco collaboration

Integrate Cisco Unity Connection with call control

PÚBLICO-ALVO

Collaboration Engineers, Network Administrators

PRÉ-REQUISITOS

No formal prerequisites. Recommended: basic networking, voice/video, and on-premises collaboration deployment knowledge.

Course Outline

Collaboration Solutions Architecture
Cisco Collaboration Solutions Security Requirements
IP Network Protocols for Collaboration
Groups and Clustering
User Management with LDAP
On-Premises Device Provisioning Solutions
Dial Plans and Endpoint Addressing
Calling Privileges and Toll Fraud Protection
Globalized Call Routing
Cisco UCM APIs
Monitoring Tools and Troubleshooting
Edge Services
Cisco Expressway
Cisco Unified Border Element (Basic and Advanced)
Cisco Unified Border Element Troubleshooting
Media Resources
Cisco IOS XE Media Resources
Cisco Unity Connection Integration

Lab Outline

Implement CA-Signed Certificates in Cisco UCM
Configure Supporting IP Network Protocols
Manual IP Phone Administration
Configure LDAP Integration
Deploy IP Phones Using Self-Provisioning and Batch Provisioning
Implement Endpoint Addressing and Internal Call Routing
Configure Calling Privileges
Implement Toll Fraud Prevention
Implement Globalized Call Routing
Use APIs in On-Premises Collaboration
Troubleshoot Dial Plan Issues
Implement and Troubleshoot Session Border Controller
Media Resources
Integrate and Manage Cisco Unity Connection