

## **Implementing and Operating Cisco Collaboration Core Technologies On-Premises Training**

OEM: Cisco • Duration: 5 Days (40 hrs) • Code: CLCOR-OP

### **COURSE MODULES & TOPICS**

#### **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 Unified Communications Manager APIs
- Monitoring Tools and Troubleshooting
- Edge Services
- Cisco Expressway
- Cisco Unified Border Element
- Border Controller Advanced Configuration
- Cisco Unified Border Element Troubleshooting
- Media Resources
- Cisco IOS XE Media Resources
- Cisco Unity Connection Integration

#### **Lab outline**

- Implement CA-Signed Certificates in Cisco Unified Communications Manager
- Configure Supporting IP Network Protocols
- Manual IP Phone Administration
- Configure and Troubleshoot Lightweight Directory Access Protocol (LDAP) Integration
- Deploy IP Phones Using Cisco Self-Provisioning
- Deploy IP Phones Using Batch Provisioning
- Implement Endpoint Addressing and Internal Call Routing
- Configure Calling Privileges

- Implement Toll Fraud Prevention on Cisco Unified Communications Manager
- Implement Globalized Call Routing
- Use APIs in an On-Premises Collaboration Environment
- Troubleshoot Dial Plan Issues with Monitoring Tools
- Implement Session Border Controller
- Troubleshoot Session Border Controller
- Media Resources
- Integrate Cisco Unity Connection with Cisco Unified Communications Manager
- Manage Cisco Unity Connection Users
- Configure Cisco Unity Connection Call Handlers