
CISCO UNIFIED COMMUNICATIONS MANAGER 7.0

Duration: 5 Days **Course Code: CCM7**

Overview:

This 5 day hands on course prepares you for the planning, installation, configuration, and maintenance of a Cisco Unified Communications solution in a single and multisite environment. It is important to fully understand and utilize the features and benefits of a Cisco Unified Communications Manager platform and this course aims to ensure delegates have the knowledge and skills required to successfully deploy CUCM v7, and its relationships with IP phones, gateways and applications.

Practical experience is a key element of this class and you will be involved in lab activities in which you will configure Cisco Unified Communications Manager v7.0, configure gateways and build route plans to place intracluster, intercluster and PSTN calls. You will also configure telephony class of service (calling restrictions) and numerous user telephone features, services, media resources, mobility and new Cisco Unified Communications Manager features, like BLF Pickup, Local Route Groups

Target Audience:

This course is designed for Network Administrators, Network Engineers and Systems Engineers looking to deploy the latest version of Cisco Unified Communications Manager v7.0

Objectives:

- **After you complete this course, you will be able to:**
 - Get Started with Cisco Unified Communications Manager
 - Configure Cisco Unified Communications Manager
 - Enable On-Net and Off-Net Calling
 - Implement Media Resources, Features, and Applications
 - Implement Multisite Deployments
 - Implement Centralized Call Processing Redundancy
 - Implement Bandwidth Management and Call Admission Control
 - Implement Features and Applications for Multisite Deployments
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Prerequisites:

Delegates should meet the following prerequisites:

- Have a working knowledge of LANs
- Knowledge of traditional public switched telephone network (PSTN) operations.
- Fundamental knowledge of converged voice and data networks.

Testing and Certification:

Recommended preparation for exam(s):

None applicable

Follow-on-Courses:

The following courses are recommended for further study:

None recommended

Content:

Getting Started with Cisco Unified Communications Manager

- Understanding Cisco Unified Communications Manager Architecture
- Understanding Cisco Unified Communications Manager Deployment and Redundancy Options
- Installing Cisco Unified Communications Manager

Configuring Cisco Unified Communications Manager

- Understanding Cisco Unified Communications Manager Administration Options
- Managing Services and Initial Configuration of Cisco Unified Communications Manager
- Managing User Accounts in Cisco Unified Communications Manager and LDAP integration

Enabling On-Net Calling and Off-Net Calling

- Understanding Endpoints in Cisco Unified Communications Manager
- Implementing IP Phones
- Implementing MGCP/H.323 Gateways in Cisco Unified Communications Manager
- Configuring Cisco Unified Communications Manager Call Routing Components
- Implementing Cisco Unified Communications Manager Digit Manipulation
- Implementing Calling Privileges in Cisco Unified Communications Manager
- Implementing Call Coverage in Cisco Unified Communications Manager

Implementing Media Resources, Features, and Applications

- Implementing Media Resources
- Configuring Cisco Unified Communications Manager User Features
- Configuring Presence-Enabled Speed Dials and Lists and BLF Pickup

Implementing Multisite Deployments

- Implementing Multisite Connections
- Implementing a Dial Plan for Multisite Deployments
- Implementing Centralized Call Processing Redundancy
- Examining Remote Site Redundancy Options
- Implementing SRST and MGCP Fallback

Implementing Bandwidth Management and Call Admission Control

- Implementing Bandwidth Management
- Implementing Call Admission Control

Implementing Features and Applications for Multisite Deployments

- Implementing Extension Mobility
- Implementing Cisco Unified Mobility

Additional Information:

This course is not designed for those individuals looking to upgrade from an earlier version of Cisco Unified Communications manager, for those delegates we would recommend that they attend the **UCM70 - Implementing Cisco Unified Communications 7.0**

Further Information:

For More information, or to book your course, please call us on Head Office +44 (0) 118 977 7700

info@globalknowledge.net

www.globalknowledge.net

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK