

Understanding Cisco Contact Center Foundations (CCEF)

COURSE OVERVIEW

This course is an architectural overview of the CCE Solution components and deployment models. The course is intended for all Admin and Deployment audiences as well as Management and Executives in order to understand the business application of the CCE solution. For Admin and Deployment audiences, the course provides a framework around the interrelationship between both core and optional components required to effectively configure, support, deploy, and troubleshoot the CCE solution.

WHO WILL BENEFIT FROM THIS COURSE?

The target audience for this course is channel partners and field support personnel who are responsible for sales, implementation, or administration of a Cisco Unified Contact Center and VRU implementation in customer enterprise networks, specifically individuals filling these roles.

Primary audiences:

- Deployment Engineers
- Technical Sales
- Account and Project Managers

Secondary audiences:

- Managers overseeing CCE deployments
- Business Liaisons

PREREQUISITES

The knowledge and skills that students are expected to have before attending this course are:

- Basic knowledge of networking (Windows A/D, SQL) and components (servers, routers, switch) is helpful but not required
- Working knowledge of Unified Communications Manager and Voice Gateways
- Basic understanding of IP networks

Here are recommended Cisco learning offerings that may help students meet these prerequisites:

- Cisco CCNA Course
- Cisco CLFNDU Course

COURSE OBJECTIVES

Upon completing this course, students will be able to meet these objectives:

- Provide a high-level overview of the Cisco Contact Center portfolio
- List the key components within the PCCE architecture and their functions
- Describe how calls flow through PCCE using appropriate terms and naming conventions
- Introduce the tools used in the Configuration, Scripting, Reporting, and Support of a PCCE deployment
- Identify advanced features available within the PCCE solution



COURSE OUTLINE

Section 1 – Introduction to CCE

- Contact Center Basics
- Key Performance Indicators
- Cisco Contact Center Fundamentals
- Cisco Contact Center Portfolio

Section 2 – Functionality of PCCE Components

- PSTN and Voice Gateways
- Cisco Unified Border Element (CUBE)
- Cisco Unified SIP Proxy (CUSP)
- VXML Gateway and Virtual Voice Browser (VVB)
- Customer Voice Portal (CVP)
- Intelligent Contact Manager (ICM)
- Cisco Unified Communications Manager (CUCM)
- Finesse Agent Desktop
- PCCE Logical Call Flow

Section 3 – Terms and Naming Conventions Used in CCE

- CCE Access Environment
 - Peripherals
 - Routing Clients
 - Route Requests
- CCE Routing Configuration
 - Media Routing Domains
 - Dialed Numbers
 - Call Types
- CCE Scripting Basics
 - Scripts and Script Scheduling
 - Skill Targets
- CCE Target Verification and Selection
 - Agent Targeting Rule
 - Labels
- CCE Targets
 - Skill Groups
 - Precision Queues
 - Agents

Section 4 – Access Tools Available in CCE

- SPOG (Single Pane of Glass)
- Configuration Manager
- Script Editor
- CUCM Web Administration
- Call Studio Application
- Gateway Access



Section 5 – Discovering CCE Features Beyond Default

- Agent Management
 - Agent Greeting
 - Whisper
 - Silent Monitoring
- Agent Efficiency
 - Mobile Agent
 - Extension Mobility
 - Single Sign-on
- Customer Satisfaction
 - Courtesy Call Back
 - Post-Call Survey
- Advanced Features
 - Agent Request
 - Enterprise Chat and Email
 - Outbound Option
 - Task Routing
 - Video Contact Center
- Enhanced Integration
 - Avaya Support
 - ICM Gateway Support
 - Third Party Integration
 - Customer Virtual Assistant
 - Command Execution Pane

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