

## Course Outline

### IMPLEMENTING CISCO CONTACT CENTER ENTERPRISE

Course CCEI: 3 days Instructor Led

*All Cisco courses are delivered by a Cisco Authorized Platinum Learning Partner*

#### About this course

The Implementing Cisco Contact Center Enterprise (CCEI) v1.0 course teaches you how to build and implement a Cisco® Packaged Contact Center Enterprise (PCCE) solution, including advanced integration of external data, Single Sign-On (SSO), and process detail for the Contact Center Enterprise (CCE) solution with examples of the various deployment models. This integration process enables businesses and organizations to deliver a connected digital experience of continuous and capability-rich journeys for your customers, across time and channels. This course teaches you to install the CCE solution and provide Tier 2-3 solution support. The focus is on Day 1 support for a new CCE deployment.

#### Audience profile

- Deployment Engineer
- Sales Engineer

#### At course completion

After completing this course, students will be able to:

- Examine components, protocols, and variables that influence selection of the design and sizing of a PCCE deployment
- Identify concepts necessary to create CCE system design specifications and deployment plans
- Configure an advanced VXML application implementing DB lookup functionality and digit collection; use Call Studio and CCE Scripting tools to present call data collected from the caller to the agent desktop
- Discover how to install CCE software
- Administer CA signed security certificates to support the successful addition of a PCCE site
- Identify the tasks associated with adding Remote Site functionality to the PCCE environment
- Discuss integration of the CUIC, LiveData, and Finesse reporting environments
- Configure the PCCE Dial Plan end-to-end, incorporating the use of Cisco Unified Border Element (CUBE), Cisco Unified SIP Proxy (CUSP), Cisco Virtualized Voice Browsers (VVBs), Voice XML (VXML) Gateways (GW), and Significant Digits
- Examine concepts necessary to create CCE system design specifications and deployment plans
- Create a series of routing scripts using PCCE
- Configure Single sign-on for Unified CCE

#### Course Outline

##### Planning a Cisco Packaged Contact Center Enterprise Deployment

- Packaged CCE Component Overview
- Call Flows Review

##### Staging a Packaged CCE Deployment

- PCCE Deployment Planning and System Design Specification
- Software Compatibility and OS Requirements

## Course Outline

### Preparing CCE Software for Installation

- General Considerations and System Requirements
- Active Directory Considerations

### Administering Security Certificates

- Security Certificate Overview
- Install and Configure Certificate Authority

### Introducing the Packaged CCE Integration Wizard

- PCCE Inventory and Service Accounts
- Run the PCCE Wizard Adding a Site to Packaged CCE

### Adding a Site to Packaged CCE

- PCCE Remote Site Overview
- Remote Site Security Certificate Considerations

### Integrating Cisco Unified Intelligence Center, LiveData, and Finesse

- Compare Real Time vs. Live Data
- Complete Cisco Unified Intelligence Center Integration

### Personalizing the Packaged CCE Dial Plan

- CCE Dial Plan Components
- Ingress Gateway and Cisco Unified Border Element Dial Plans Configuring to Validate Deployment

### Configuring to Validate Deployment

- Confirm Configuration Readiness
- Cisco Unified Communications Manager Administration

### Scripting for Packaged Contact Center Enterprise

- Configure Script Editor
- Use Microapps

### Configuring Single Sign-On

- SSO Overview
- Configure SSO Prerequisites

### Lab outline

## Course Outline

- Navigate CCE Discovery Architecture and Components
- Explore ICM Configuration Tools
- Observe Installed CCE Software
- Navigate Certificate Store
- Add a Remote Site to PCCE
- Personalize Finesse Server
- Configure Site Dial Plan
- Verify Configuration Details for Final Testing
- Build a Series of Test Scripts
- Enable Single Sign-On