

# PCP (CISCO PRIME COLLABORATION PROVISIONING) 10.0

## Objetivo

Cisco Prime® Collaboration Provisioning (PCP) version 10.x is a reliable and scalable web-based provisioning solution to manage a company's critical next-generation communications services. The Cisco Prime Collaboration Provisioning course teaches students how to effectively use the Cisco Prime Collaboration Provisioning application. The focus of this course is to have you configure and use this product to learn how to provision Cisco® Unified Communications initial deployments, as well as to provide ongoing operational provisioning and activation services for individual endpoint changes. You learn how to configure Cisco Prime Collaboration Provisioning to meet your unified communications requirements using business abstractions such as domains, service areas, user roles, and policies. After the design is complete, you use the Cisco Prime Collaboration Provisioning application to manage users, order products and services for users, provision the Cisco Unified Communications infrastructure devices, track phone and directory numbers in an inventory, implement business abstractions for workflow processes that might require approving orders for delegation, and configure provisioning attributes that are applied to the services on a specific order during activation. You reinforce what is discussed in the lecture using hands-on lab exercises. After completing this course, you should be able to:

- Describe what is meant by the term unified communications and describe the management space and the Cisco suite of products for managing Cisco Unified Communications
- Discuss the associated network management needs and challenges
- Use Cisco Prime Collaboration Provisioning effectively to:
  - Auto configure a unified communications environment by domains and service areas
  - Push infrastructure configurations out to new networks
  - Load end-user data or migrate existing user data
  - Administer individual adds, updates, or deletes through one interface and synchronize it across the unified communications environment
  - Roll out new users and services automatically on existing unified communications networks

After completing this 2-day course, you should be able to use these products to correctly provision Cisco Unified Communications networks, which consist of Cisco Unified Communications Manager, and Unified Communications Manager Express, as well as Cisco Unity®, Unity Express, and Unity Connection. You meet these objectives by applying the information learned in the lectures through hands-on lab exercises.

## Público Alvo

This course is for Cisco Unified Communications administrators who will be provisioning Cisco Unified Communications infrastructure devices using Cisco Prime Collaboration Provisioning. System administrators who manage the Cisco Prime Collaboration Provisioning server and prepare the network devices for network management services should also take the class. The following are the primary audience for this course:

- Cisco Unified Communications administrators
- Cisco Prime Collaboration system administrators
- Cisco Unified Communications system integrators, professional services, and consultants

## Pré-Requisitos

- Basic web browser usability knowledge
- TCP/IP networking experience
- Basic Cisco router and switch configuration experience
- Basic IP telephony network administration skills
- Familiarity with the implementation and administration of the following applications:
  - Cisco Unified Communications Manager
  - Cisco Unified Communications Manager Express
  - Cisco Unity
  - Cisco Unity Express
  - Cisco Unity Connection

## Carga Horária

16 horas (2 dias).

## Conteúdo Programático

### Module 1: Introduction

- Lesson 1: Overview of Unified Communications
- Lesson 2: Provisioning Unified Communications
- Lesson 3: Cisco Prime Collaboration Overview

### Module 2: Using Cisco Unified Provisioning Manager

- Lesson 1: Getting Started
  - Lesson 2: Setting Up and Deploying
  - Lesson 3: Ordering End-User Services
  - Lesson 4: Managing Policies
  - Lesson 5: Managing Inventory
  - Lesson 6: Provisioning the Network
  - Lesson 7: Other Miscellaneous Topics
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- Lab 1-1: Getting Started
  - Lab 2-1: Managing Domains
  - Lab 2-2: Managing User Roles
  - Lab 2-3: Setting Up Service Areas and Templates
  - Lab 2-4: Synchronizing Domains
  - Lab 2-5: Setting Up Domain Administrators
  - Lab 3-1: Ordering End-User Services
  - Lab 4-1: Managing Policies: Business Rules
  - Lab 4-2: Managing Policies: Service Attributes
  - Lab 5-1: Managing Inventory
  - Lab 6-1: Provisioning the Network: Batch Provisioning
  - Lab 6-2: Provisioning the Network: Infrastructure Configuration and Templates