

# CPCMO (CISCO PRIME CARRIER MANAGEMENT OPERATOR) 1.1

## Objetivo

The Cisco Prime™ Carrier Management Operator (CPCMO) Version 1.1 instructor-led course offered by Learning Services is a lab-intensive course that introduces you to the operational aspects of Cisco Prime Carrier Management, using the following Cisco Prime applications: • Cisco Prime Central • Cisco Prime Network • Cisco Prime Provisioning • Cisco Prime Performance Manager Cisco Prime Carrier Management is a comprehensive suite of applications that simplifies the lifecycle management of carrier-grade networks and services. This solution simplifies and unifies the network by automating the service lifecycle (design, fulfillment, assurance, and analysis). Cisco Prime Carrier Management provides end-to-end management, from access to the data center, helping to enable carrier-class delivery of voice, video, mobile, cloud, and managed services. The CPCMO course will introduce you to using the various suite applications to view the physical and logical aspects of the network and its devices, configure and fulfill a network service using predefined policies, and assure and analyze the configured service. Note: This course does not include administrative topics on Cisco Prime Carrier Management, such as user management, adding devices, service policy creation, and customizing features. This course combines lecture materials and hands-on labs throughout to make sure you understand how to use the suite to manage service lifecycles. After completing this course, you should be able to: • Describe the function of each management application in the Cisco Prime Carrier Management suite • Access, understand, and navigate each management application's tasks • Assess the network by viewing the topology, physical and logical service inventories, and device configurations • Fulfill a network service • Assure the proper creation of the network service and analyze its behavior

## Público Alvo

- Network operators • System integrators and professional services

## Pré-Requisitos

- Basic network management concepts (Simple Network Management Protocol [SNMP], management information bases [MIBs], etc.) • TCP/IP network experience

## Carga Horária

40 horas (5 dias).

## Conteúdo Programático

- Module 1: Introduction to Cisco Prime Carrier Management
  - Managing the Service Lifecycle
  - Examining Cisco Prime Central, Network, Provisioning, and Performance applications

- Module 2: Suite Basics
    - Understanding User Roles
    - Accessing and Navigating the Application Suite
    - Reviewing Service Design
    - Prime Performance Manager Basics
    - Detailing Operator Workflows
  - Module 3: Network Assessment
    - Assessing the Network Topology
    - Assessing the Inventory
    - Assessing Device Configurations
    - Assessing Performance
  - Module 4: Service Fulfillment
    - Fulfilling a Service
  - Module 5: Service Assurance
    - Using Groups and Customers
    - Viewing Device Configuration Changes
    - Verifying Service Fulfillment
  - Module 6: Service Analysis
    - Determining the Fault
    - Fault Impact Analysis
  - Module 7: Use Cases
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- Lab 1: Accessing and Using Cisco Prime Central
  - Lab 2: Reviewing Design Concepts
  - Lab 3: Cisco Prime Performance Basics
  - Lab 4: Accessing the Network Topology
  - Lab 5: Accessing the Network Inventory
  - Lab 6: Accessing Device Configurations
  - Lab 7: Assessing Performance
  - Lab 8: Fulfilling a Network Service
  - Lab 9: Assigning Groups and Customers
  - Lab 10: Analyzing Device Changes
  - Lab 11: Verifying the Service End-to-End
  - Lab 12: Analyzing Faults
  - Lab 13: Use Case