

# CPNET (CISCO PRIME NETWORK) 4.0

## Objetivo

The Cisco Prime™ Network (CPNET) version 4.0 instructor-led course offered by Learning Services High Touch Delivery is a lab-intensive course that introduces you to the Cisco Prime Network management application. Cisco Prime Network is a servicecentered comprehensive management solution for dynamic and complex multiservice networks, including Multiprotocol Label Switching (MPLS), Carrier Ethernet, data center, and mobility. Cisco Prime Network offers comprehensive service assurance and device management for the packet/IP domain with advanced capabilities including virtual connectivity discovery, root-cause identification, topology-driven troubleshooting, and alarm reduction through topology-based correlation and deduplication. The Cisco Prime Network course teaches students how to install, configure, customize, and effectively use Cisco Prime Network. Students gain an understanding of the primary components of the Cisco Prime Network architecture; guidelines for deployment; details of preparing the platform to manage the network; usage of the main Cisco Prime Network features (topology, inventory, fault management, reports, command implementation, configuration management, image management, and compliance audit); and the concepts, processes, and tools that allow customization of Cisco Prime Network to meet the specific needs of the customer's unique network (Soft Properties, Command Builder, Command Manager, Transaction Manager, and VNE Customization Builder). This course combines lecture materials and hands-on labs throughout to make sure that you are able to successfully deploy Cisco Prime Network in order to manage your network. Upon completion of this course, you should be able to:

- Understand the purpose and deployment of the Cisco Prime Carrier Management suite and the part Cisco Prime Network plays.
- Learn to install, configure, and use Cisco Prime Network

## Público Alvo

- Network administrators
- System administrators
- System integrators and professional services

## Pré-Requisitos

- Basic Linux system administrator knowledge
- Basic network management concepts (SNMP, MIBs, and so on)
- TCP/IP network experience

## Carga Horária

40 horas (5 dias).

## Conteúdo Programático

- Module 1: Overview
- Module 2: Predeployment
- Module 3: Installation
- Module 4: Initial System Configuration
- Module 5: Using Cisco Prime Network

- Module 6: VNE Customization
- Module 7: Change and Configuration Management
  
- Lab 1: Lab Access
- Lab 2: Architecture Review
- Lab 3: Initial System Configuration
- Lab 4: User Management
- Lab 5: Global Settings
- Lab 6: Topology
- Lab 7: Inventory
- Lab 8: Fault Management
- Lab 9: Reports
- Lab 10: Soft Properties
- Lab 11: Command Builder
- Lab 12: Configuration Manager
- Lab 13: Image Manager
- Lab 14: Compliance Audit
- Lab 15: Command Manager