Cisco Prime Infrastructure Implementation & Admin (PINFRA)

Description
Cisco Prime Infrastructure Implementation and Administration (PINFRA) covers Cisco's latest Network Management Software Prime Infrastructure. Cisco Prime Infrastructure is a converged solution taking components from Cisco Prime LAN Management Solution (LMS) and Cisco Prime Network Control System (NCS) for comprehensive lifecycle management of wired and wireless networks. This course covers the important aspects from the CWLMS and WMNGI courses. This is the recommended training for anyone using Cisco Prime LMS or NCS with plans to migrate to Prime Infrastructure.

Course Outline

Introduction to Cisco Prime Infrastructure
- Defining Network Management
- Exploring the Network Management Process
- Introducing Cisco Prime Infrastructure

Getting Started
- Installing Cisco Prime
- Logging into Cisco Prime
- Using the Getting Started Workflow

Menus
- Understanding the Menus
- Managing Dashboards, Portlets, and Portal Layout
- Inventory Management
- Collecting Inventory and End User Information
- Performing Device Administration
- Viewing and Creating Inventory, User Tracking, and Switch Port Reports
- Using Inventory Tools

Configuration and Software Management
- Managing the Configuration Archive
- Verifying the Configuration Compliance
- Using Configuration Tools
- Using Configuration Workflows
- Network Monitoring and Troubleshooting
- Visualizing the Network with Topology Services
- Monitoring Network Performance
- Monitoring Network Response Time
- Monitoring Syslog Messages
- Monitoring Network Faults
- Using Troubleshooting Tools
- Cisco Prime Infrastructure
• Using Smart Install
• Using Auto Smartports
• Using the Trust Management Menu
• Managing Collection Settings
• Performing Network Administration Tasks
• Performing System Administration Tasks

Cisco Unified Wireless Network Management Solutions
• Lifecycle Management
• Cisco Prime Infrastructure (Wireless focus)

Network Management System Configuration
• Configuring High Availability and Firewall Rules for Prime
• Managing Administrative Users
• Navigating Prime
• Using the Maps Tool
• Using the Planning Tool

Component Configuration through Prime
• Configuring Components through the Prime
• Working with Controller and Switch Location Templates
• Working with AP Configuration and Migration Templates
• Setting Up Auto-Provisioning and Scheduling Configuration Tasks

Guest Access
• Defining Guest Access Methods
• Configuring Guest Access Features through Prime

Prime Maintenance and Troubleshooting Tasks
• Troubleshooting Prime Operation Issues

Network Monitoring and Troubleshooting
• Monitoring and Troubleshooting the Network
• Managing Network Performance