Overview
The Implementing Cisco Prime Carrier Management Suite (ICPCMS) version 1.2 Cisco® Training on Demand course introduces you to the Cisco Prime™ Carrier Management Suite and its components and features. You learn about the important theoretical concepts on which the Cisco Prime Carrier Management Suite is based and gain the practical knowledge and skills required for a successful implementation.

The course also provides you with the necessary knowledge needed to perform suite sizing and planning based on the requirements of your network. Finally, you learn installation procedures, validation, and system integration for each Cisco Prime Carrier Management Suite application, basic integration troubleshooting, device discovery, and system administration.

Duration
The ICPCMS v1.2 Training on Demand course consists of 10 modules totaling more than 10 hours of video instruction along with 11 hands-on lab exercises.

Target Audience
The primary audience for this course is system installers, integrators, and administrators; network administrators; and solutions designers.
Objectives
After completing this course, you should be able to:

- Recognize the Cisco Prime Carrier Management (CPCM) Suite components and features
- Identify deployment concepts and perform suite sizing and planning
- Verify prerequisites and perform installation, validation, and system integration for each Cisco Prime Carrier Management Suite application
- Perform integration troubleshooting
- Perform device discovery
- Perform system administration

Course Prerequisites
The knowledge and skills necessary before attending this course are:

- Basic Red Hat Enterprise system administration
- Basic understanding of Simple Network Management Protocol (SNMP)
- Basic understanding of Cisco IOS® Software, Cisco IOS XR Software, Cisco IOS XE Software, and Cisco Nexus® Operating System (NX-OS) commands

Course Outline
- Module 1: Cisco Prime Carrier Management Suite Overview
- Module 2: Deployment Concepts and Planning
- Module 3: Installing Cisco Prime Network
- Module 4: Cisco Prime Performance Manager Installation
- Module 5: Cisco Prime Provisioning Installation
- Module 6: Cisco Prime Optical Installation
- Module 7: Cisco Prime Central Installation
- Module 8: Troubleshooting
- Module 9: Device Discovery
- Module 10: Cisco Prime Carrier Management Suite Administration
Labs Outline

This course contains 11 hands-on virtual lab exercises, powered by Cisco Learning Labs and Cisco IOL (IOS on Linux).

Topology for all labs in the course:

The labs included in this course are:

- ICPCM lab 1: Server Sizing Exercise
- ICPCM lab 2: Installing Cisco Prime Network
- ICPCM lab 3: Installing Cisco Prime Performance Manager
- ICPCM lab 4: Installing Cisco Prime Provisioning
- ICPCM lab 5: Installing Cisco Prime Optical
- ICPCM lab 6: Installing Cisco Prime Central
- ICPCM lab 7: Suite Application Integration
- ICPCM lab 8: Integration Troubleshooting
- ICPCM lab 9: Device Discovery
- ICPCM lab 10: User Account Management
- ICPCM lab 11: Suite Administration
Instructor Bio

Joe Chapman has more than 25 years of industry experience. He has been helping customers design, build, and maintain voice and data systems built on Cisco technology for 15 years. Despite having a Chicago street address, he has spent most of his time all over the United States and the world, where he helps bring complex concepts into clear focus for talented professionals looking to transform their careers.

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