Learning Services

Cisco Prime Performance Manager (CPPERF)

Overview
The Cisco Prime Performance Manager (CPPERF) Cisco® Training on Demand course provides you with technical training to successfully deploy and use Cisco Prime® Performance Manager. In this course, you learn how to use Cisco Prime Performance Manager to gather actionable information for your entire network, spanning the core, aggregation, and access networks.

In addition, you learn the key components of Cisco Prime Carrier Management, including report management, data center, and extensibility and its benefits. You also gain knowledge of how to plan a deployment and install Cisco Prime Performance Manager on a single server, complete the initial setup, and perform troubleshooting and maintenance activities. Finally, you learn how to configure and run performance reports and carry out fault management tasks.

Duration
The CPPERF Training on Demand course consists of 3 modules totaling more than 3 hours of video instruction, along with 4 hands-on lab exercises.

Target Audience
This course is designed for technical professionals who need to know how to deploy and use Cisco Prime Performance Manager to manage network performance. Primary job roles for this course include network and systems administrators, network operators, professional services systems engineers, technical support personnel, and channel partners.
Objective
After completing this course, you should be able to:

- Describe the features and benefits of Cisco Prime Performance Manager
- Install Cisco Prime Performance Manager and perform initial configuration tasks
- Assess network performance based on Cisco Prime Performance Manager features
- Set performance thresholds to monitor network performance conditions

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

- Completion of Cisco Prime Network Intermediate – Administration and Operations (CPNI-AO)
- Completion of Cisco Prime Central Intermediate – Administration and Operations (CPCI-AO)
- Basic network management concepts (Simple Network Management Protocol [SNMP], MIBs, etc.)
- Basic networking (TCP/IP, etc.)

Course Outline
- Module 1: Introduction
- Module 2: Getting Started
- Module 3: Usage

Labs Outline
This course contains 3 hands-on virtual lab exercises, powered by Cisco Learning Labs and Cisco IOL (Cisco IOS® on Linux).

Topology for all labs in the course:
The labs included in this course are:

- CPPERF Lab 1: Installing Cisco Prime Performance Manager
- CPPERF Lab 2: Initial Configuration
- CPPERF Lab 3: Assessing Performance
- CPPERF Lab 4: Analyzing Faults

**Instructor Bio**

David Martin has over 25 years’ experience as an instructor, educator, and learning specialist in the technology sector. With teaching and development experience in voice, data networking, and programming, David is also an internationally published author and presenter on educational learning concepts, including the use of online social learning networks in both corporate and higher education. A former faculty member with Northern Kentucky University, David has been working with Cisco Systems in its learning organizations since 2002.

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