

# Cisco Prime Performance Manager (CPPERF) v1.0

## What you'll learn in this course

The **Cisco Prime Performance Manager** (CPPERF) v1.0 course introduces you to the features of Cisco Prime<sup>®</sup> Performance Manager and shows you how to successfully deploy and manage Cisco Prime Performance Manager in your network. You will learn the features and benefits of Cisco Prime Performance Manager, how to install it, and how to perform initial configuration tasks. The course also covers how to use Cisco Prime Performance Manager to assess network performance and to set performance thresholds so you can proactively monitor performance conditions before they impact network operations.

Cisco Prime Performance Manager is a performance management application that retrieves actionable information for an entire network, spanning core, aggregation, and access networks, and gathers performance statistics for Cisco and multivendor network devices. Cisco Prime Performance Manager is available as a standalone product or as a component of the Cisco<sup>®</sup> Prime Carrier Management suite.

## Course duration

- Instructor-led training: 1 day in the classroom with hands-on lab practice

## How you'll benefit

This course will help you:

- Describe the features of Cisco Prime Performance Manager
- Learn to install Cisco Prime Performance Manager and perform initial configuration tasks
- Use Cisco Prime Performance Manager to proactively monitor your network's performance

## Who should enroll

This course is designed for technical professionals who need to know how to deploy and use Cisco Prime Performance Manager to manage network performance.

The primary audience for this course includes:

- Network and system administrators
- Network operators
- Professional services system engineers
- Technical support personnel
- Channel partners, resellers

## How to enroll

- For instructor-led training, visit the [Cisco Learning Locator](#).
- For private group training, visit [Cisco Private Group Training](#).

## Technology areas

- Enterprise networking

## Course details

### Objectives

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
- Use Cisco Prime Performance Manager features to assess network performance
- Use Cisco Prime Performance Manager to set performance thresholds to proactively monitor for performance conditions before they impact network operations

### Prerequisites

We recommend that you have the following knowledge and skills before taking this course:

- Basic network management concepts such as Simple Network Management Protocol (SNMP) and Management Information Bases (MIBs)
- Basic networking (such as TCP/IP)

### Outline

- Introduction
  - Managing the Service Lifecycle
  - Examining Cisco Prime Performance Manager
- Getting Started
  - Predeployment
  - Installing Cisco Prime Performance Manager
  - Initial Setup
  - Troubleshooting and Maintenance Tools
- Usage
  - Assessing Performance
  - Fault Management

### Lab outline

- Installing Cisco Prime Performance Manager
- Initial Configuration
- Assessing Performance
- Analyzing Faults



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