



# CiscoWorks for Enterprise LAN Management

**Course Length:** 3 days

## **Course Content:**

Implementing CiscoWorks for Enterprise LAN/WAN Management (CWENT) course is a necessity for understanding how to use CiscoWorks to manage small/medium/large Cisco-based LANs. This course combines lecture and extensive hands-on lab time to instruct the students on how to apply CiscoWorks applications to manage network configurations, faults, and performance. This course will show the students how to manage and solve problems using the applications and tools bundled together in the LMS (LAN Management Solution) solution sets.

## **Course Objectives:**

After completing this course the student should be able to:

- Understand network management principles and how CiscoWorks can be applied to manage network configurations, faults, performance, and security
- Describe each of the CiscoWorks solution sets and the applications within the solution sets
- Understand the requirements for deploying CiscoWorks, how to deploy CiscoWorks in small/medium/large networks using single or multiple servers, and how to integrate CiscoWorks with other network management systems
- Jumpstart CiscoWorks by populating the databases, organizing the devices, and managing the user accounts
- Conduct asset management by maintaining an inventory of the devices in the network and generating reports on the assets
- Manage network connections by viewing physical and logical network topologies, end user and IP phone network connections, and diagnosing connectivity problems

## **Prerequisites:**

Basic Cisco router and switch configuration, understanding of network management concepts (SNMP, MIBS, polling), Windows NT/2000 administration, Internet browser usability, TCP/IP networking, CCNA.

## **Who Should Attend:**

The target audience for CiscoWorks Basics comprises network managers, administrators, and other network operators who need to learn about managing networks with Cisco network management tools.

## **Course Outline:**

- Network Management Fundamentals
- Introduction to CiscoWorks
- Jump-Starting CiscoWorks
- Asset Management
- Managing Network Connections
- Managing Device Configurations
- Managing Network Performance
- Managing Faults in the Network
- CiscoWorks System Administration