

High-Touch Delivery Learning Services

Cisco ROSA Element Manager (EM) Administration (ROSAEMA)



The Cisco ROSA Element Manager (EM) Administration instructor-led course teaches you how to manage the Cisco® ROSA Element Manager (EM) components in a network. In this course, you will learn how to customize a ROSA EM to reflect the configuration of a network, gain the knowledge to interpret alarm data from ROSA EM, and change system parameters. Using hands-on exercises to reinforce the learning enables you to practice navigating the ROSE EM GUI and to configure devices. In addition, you will learn how to recognize, locate, and acknowledge alarms.

Duration

Two days.

Target Audience

This course is designed for technical professionals who are responsible for administering ROSA EM software and monitoring network operations in their network environment. The primary audience for this course includes:

- System engineers
- Technical support personnel
- Channel partners, resellers

Course Objectives

Upon completion of this course, you should be able to:

- Explain the purpose, features, and value of ROSA EM as an element management system
- Log on to ROSA EM and navigate using the directory tree and the graphical interface window
- Recognize system data presented in ROSA EM, including the significance of alarm colors and levels, and identify how to adjust levels of managed devices
- Locate and interpret various useful reports and logs such as the active alarms report and the alarm, system, and software logs
- Recognize the troubleshooting process and understand how ROSA EM aids in that process
- Use ROSA EM information to determine a viable course of action in the event of alarms
- Adjust device parameters to reflect current headend or hub site conditions
- Use the ROSA EM tools environment to perform initial configuration and transfer files to and from the ROSA EM
- Edit the device list file to modify the network configuration and group devices
- Configure notification groups including paging, email and backup options
- Perform system administration functions for the ROSA

Course Prerequisites

Following are the prerequisites for this course:

- None

To locate Cisco courses that cover the listed prerequisites, refer to www.cisco.com/go/ase.

Course Outline

The course outline is as follows:

- I. Overview
 - A. Interfaces
 - B. Hardware
- II. User Interface
- III. Alarms
- IV. Troubleshooting
- V. Configuration and Customizing
 - A. Configuration
 - B. Devlist
 - C. Virtual Devices
 - D. Temperature Probes
 - E. File Management
 - F. Configuration File Backup
 - G. Software: Update/License/Scripts
 - H. Automatic Equipment Backup
- VI. System Administration
 - A. Operators: Adding/Deleting
 - B. Local System Server Details

Lab Outline

The lab outline is as follows:

- Lab 1: Edit the Device List
- Lab 2: Using Online Add and Delete
- Lab 3: Add a Rack to ROSA EM Using Your Devlist or Online
- Lab 4: Configuring the ROSA EM I/O
- Lab 5: Configuring Virtual Devices

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Registration Information

For more information about schedules and registration for this course, contact aeskt_registration@cisco.com.

For More Information

For more information on High-Touch Delivery Learning Services for Cisco classic products and technologies, refer to www.cisco.com/go/ase.

For information on Cisco TelePresence® training, refer to www.telepresenceu.com/.

For information on broadband video training for service providers, refer to www.cisco.com/go/spvtraining.



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