ProTech Professional Technical Services, Inc.

CA NetMaster Network Management for TCP/IP r12.1: Managing IP Networks 200

Course Summary

Description

The move to IP-based networks and the extension of the mainframe user community to the Web have created a need for simpler, more user-friendly management tools. CA NetMaster Network Management for TCP/IP supports highly efficient problem resolution functionality that enables the early detection and resolution of network problems. This course focuses on managing your IP networks. You will explore various product features that enable you to quickly uncover the causes of connectivity and network problems that affect users and applications and plan for the future development of your network. The ability to locate a problem, diagnose it, and monitor it from the same application can help you identify the cause of the problem quicker, implement the resolution faster, and reduce the impact on the network and the business

Objectives

By the end of this course, students will be able to:

- Monitor various system resources so that you can quickly respond when the status of a resource indicates problems.
- Configure automated responses to IP network events such as stack errors, and the logging of IP-related events for faster problem diagnosis and accountability.
- Gain greater monitoring flexibility by examining IP network performance

information anytime and anywhere with your mobile device.
- Better plan your network for the future by analyzing past events, data, and trends.
- Employ reporting to analyze network performance data, which will drive the current and future decisions you make about your network.

Topics

- Diagnose Problems in Your IP Network
- Monitor Your IP Network
- Create Reports

- Perform Advanced

Audience

This course is designed for Network Administrators and Support Managers

Prerequisite

- CA NetMaster Network
- Management for TCP/IP r12.1:
- Overview for Administrators 200
- Course Code: 06NMR20050

Duration

Two Days

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Course Outline (vertical, left margin)

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I. _Diagnose Problems in Your IP Network_
  A. Diagnose connection problems
  B. Diagnose network problems
  C. Diagnose Enterprise Extender problems

II. _Monitor Your IP Network_
  A. Monitor system resources
  B. Monitor system events using Event Detectors
  C. Examine IP network performance information using a mobile device
  D. Analyze trends and historical information
  E. Work with the Alert Monitor

III. _Create Reports_
  A. Generate reports using the IP Growth Tracker
  B. Print a predefined history report using Report Writer
  C. Export IP event history data
  D. Export Packet Analyzer activity lists
  E. Generate ReportCenter reports

IV. _Perform Advanced_
  A. Perform advanced alert configuration and administration
  B. Manage printers
  C. Work with activity logging
  D. Schedule events using timers
  E. Customize commands
  F. Create INI members
  G. Customize CA NetMaster Network Management for TCP/IP Using NCL and REXX
  H. Describe the migration and upgrade of linked and synched regions
  I. Identify useful product support commands