ProTech Professional Technical Services, Inc.

Performance Management 3.6: Foundations 200

Course Summary

Description

The Performance Management 3.6 Foundations 200 course is designed to help you manage the performance and availability of your service delivery infrastructure more efficiently—whether physical, virtual, or cloud based. Through practical hands-on lab exercises, you will set up data collection, discover devices, and configure monitoring. You will also configure user administration, email scheduling, and the user interface. In addition, you will gain experience troubleshooting various problems. By attending this class, you will discover how Performance Management can give you greater visibility and control of your underlying infrastructure and traffic composition, which will help you reduce costs, increase efficiency, and enhance performance and availability across your service delivery infrastructure.

Objectives

At the end of this course, students will be able to:
- Conduct key configuration and administrative tasks such as creating profiles, tenants, IP domains, and group.
- Analyze performance data using the out-of-the-box dashboards and create custom dashboards to meet your specific requirements.
- Identify solutions and workarounds to common problems so you can troubleshoot issues more effectively.

Topics

- Describe Performance Management
- Observe a Basic Use Case: Network Performance
- Discover Devices
- Configure Monitoring
- Examine Grouping Strategy, Users, and Notification
- Customize the User Interface
- Troubleshooting Performance Manager

Audience

This course is intended for those who manage the performance and availability of the service delivery infrastructure.

Prerequisites

Students should have a good understanding of network infrastructure management.

Duration

Three days

Course Outline

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I.   *Describe Performance Management*
   A. Identify the challenges of IT infrastructure management
   B. Describe the key features of Performance Management
   C. Identify the primary parts of the Performance Management architecture

II.   *Observe a Basic Use Case: Network Performance*
   A. Describe the goal of Performance Management
   B. Identify the elements of data collection
   C. Describe dashboards and context page composition
   D. Identify primary Performance Center UI features
   E. Change report pages
   F. Generate report output

III.   *Discover Devices*
   A. Create SNMP profiles
   B. Create IP domains
   C. Create discovery profiles
   D. Describe supplemental device considerations

IV.   *Configure Monitoring*
   A. View metric families and vendor certifications
   B. Create collections for monitoring
   C. Create monitoring profiles
   D. Create threshold profiles with event rules

V.   *Examine Grouping Strategy, Users, and Notification*
   A. Implement grouping strategy
   B. Administer users and roles
   C. Schedule emailing of dashboards
   D. Configure notifications

VI.   *Customize the User Interface*
   A. Create custom menus
   B. Create custom dashboards
   C. Customize context pages

VII.   *Troubleshooting Performance*
   Identify the primary resources available to support your troubleshooting initiatives