Course Outline

Symantec PacketShaper 11.9.1 Administration

Course Summary

Description

The PacketShaper Essentials 11.9.1 course is intended for IT professionals who wish to develop the knowledge and skills to manage an installed Symantec PacketShaper on a daily basis. This course is intended for users who want to apply PacketShaper features that deliver integrated visibility and control to optimize network and application performance.

Objectives

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

- Use and understand the PacketShaper product and its functionality and capabilities
- Classify traffic
- Analyze your network, application and host performance.
- Properly configure traffic trees
- Use PacketShaper tools to identify and, where possible, fix network issues

Topics

- PacketShaper Benefits and System Architecture
- System Configuration
- Discovering and Controlling Applications
- Prioritizing Traffic on the Network
- Identifying Issues in the Network
- Responding to Network Issues and Optimization
- Fault Tolerance and Platform Maintenance

Audience

This course is for IT network or security professionals who are responsible for managing network application performance using the PacketShaper that require basic operational network management and troubleshooting knowledge and skills.

Prerequisites

You must have working knowledge of basic TCP/IP networking skills and IP protocols and possess knowledge of the ISO model.

Duration

Three days

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I. PacketShaper Benefits and System Architecture
- A. System Architecture, Hardware, Connectivity and Initial setup

II. System Configuration
- A. Partitions
- B. Policies

III. Discovering and Controlling Applications
- A. Understanding, Analyzing and Controlling Applications

IV. Prioritizing Traffic on the Network
- A. Traffic Classification
- B. Classification by URL
- C. Classification by User Name

V. Identifying Issues in the Network
- A. Network Management
- B. Monitoring
- C. Reporting

VI. Responding to Network Issues and Optimization
- A. Traffic Tree
- B. Advanced Bandwidth Management
- C. Adaptive Response

VII. Fault Tolerance and Platform Maintenance
- A. HA System Redundancy
- B. Backup
- C. Restore
- D. Upgrading