Managing Microsoft Systems Management Server 2003

Course Summary

Description

This course provides students with the knowledge and skills to manage Microsoft Systems Management Server (SMS). Students will learn how to configure SMS components and how to manage the ongoing operations of an SMS infrastructure.

Topics

- Overview of Systems management Server 2003
- Exploring SMS Site Architecture
- Preparing to Deploy the SMS Clients
- Deploying SMS Clients
- Collecting Inventory and Software Metering
- Querying and Reporting Data
- Preparing an SMS Site for Software Distribution
- Managing Software Distribution
- Using SMS Software Distribution to Deploy an Office Application
- Implementing SMS Software Update Tools and Managing Update Deployment
- Using Remote Tools for Client Support
- Working withSMS Hierarchies
- Performing Site Maintenance, Backup, and Recovery Tasks

Audience

This course is intended for SMS Administrators who are responsible for configuring and managing one or more SMS sites and all supporting systems.

Prerequisites

Students must have:
- Completed ProTech's Implementing and Supporting Microsoft Windows XP Professional or have equivalent knowledge
- Completed ProTech's Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure: Network Services, or have equivalent experience

Duration

Five days

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Course Outline

I. Overview of Systems Management Server 2003
A. Where SMS fits in the Windows Server System
B. Describing how SMS 2003 features provide change and configuration management
C. Explaining SMS hierarchies
D. Explaining SMS site-to-site communication
E. Explaining SMS site and roaming boundaries

II. Exploring SMS Site Architecture
A. Introduction to the SMS site server
B. Exploring the SMS administrator console and the SMS 2003 toolkit 1
C. Explaining the role of active directory in SMS 2003
D. Explaining how SSM uses dependent technologies

III. Preparing to Deploy the SMS Clients
A. Introduction to the SMS clients
B. Discovering resources
C. Deploying the site systems that support client installation and client/server communication

IV. Deploying SMS Clients
A. Deploying the advanced client
B. Deploying the legacy client
C. Isolating problems when installing SMS clients

V. Collecting Inventory and Software Metering
A. Introduction to inventory collection
B. Collecting inventory information
C. Extending inventory collection
D. Configuring software metering

VI. Querying and Reporting Data
A. Introduction to the architecture of data and status queries
B. Creating and running queries

C. Configuring and deploying a reporting point
D. Configuring and running reports
E. Creating and running dashboards

VII. Preparing an SMS Site for Software Distribution
A. Explaining how SMS distributes software
B. Managing distribution points
C. Configuring software distribution and the advertised programs client agent

VIII. Managing Software Distribution
A. Configuring software distribution objects using a software distribution methodology
B. Creating and configuring collections
C. Creating and configuring packages
D. Creating and configuring advertisements
E. Managing software installation at the client
F. Monitoring software distribution

IX. Implementing SMS Software Update Tools and Managing Update Deployment
A. Explaining how the software update process works
B. Installing the software update scanning tools
C. Performing software update inventory
D. Deploying and verifying software updates
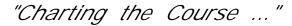
X. Using Remote Tools for Client Support
A. Introduction to remote tools
B. Configuring the remote tools client agent
C. Using SMS remote tools in troubleshooting

XI. Working with SMS Hierarchies
A. Introduction to the SMS site hierarchy
B. Configuring site communications
C. Installing a secondary site server
D. Managing roaming clients in an SSM hierarchy

XII. Performing Site Maintenance, Backup, and Recovery Tasks
A. Performing site maintenance
B. Performing an SMS site backup

C. Recovering an SMS site

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