

Course Outline



50028- Installing and Configuring System Center Operations Manager 2007

Duration: 5 days (30 hours)

Target Audience:

This course is intended for Windows Server 2003 or later administrators who have experience working within a Windows Active Directory domain environment and have a good understanding of Windows Server based network services. Familiarity with a support ticketing system is helpful.

Prerequisites:

Before attending this course, students must have:

- A+ certification or equivalent knowledge.
- Network+ certification or equivalent knowledge.
- Completed Course 2274, or have equivalent knowledge.
- Completed Course 2275, or have equivalent knowledge.
- Completed Course 2277, or have equivalent knowledge.
- Completed Course 2278, or have equivalent knowledge.
- Completed Course 2279, or have equivalent knowledge.

Topics Covered:

- Module 1: Installing System Center Operations Manager
 - Identifying and Installing Prerequisites
 - Installing System Center Operations Manager 2007
 - Post Installation
 - Lab A: Installing System Center Operations Manager
 - Installing the Operations Manager Components
 - Lab B: Installing a Clustered RMS
 - Creating Cluster Resources
 - Installing the Operational Database
 - Installing the RMS Node
 - Installing the Secondary Management Server
 - Creating the Services
 - Creating the RMS Cluster Virtual Server

After completing this module, students will be able to:

- Identify the requirements for installing System Center Operations Manager 2007
- Install System Center Operations Manager 2007 and verify a successful installation.

- Module 2: Using the Operations Console
 - Overview of the Operations Console
 - Creating Operator Accounts
 - Using the Web Console
 - Working with Views
 - Lab: Creating Operator Accounts and Views
 - Creating User Roles
 - Creating Views

After completing this module, students will be able to:

- Install the Operations Console on another system
- Understand the workspaces and views
- Work with the Actions available for a given object

- Module 3: Configuring Management Group and Agent Settings
 - Global Settings
 - Overriding Global Settings
 - Creating Notifications
 - Lab: Creating Notification Settings
 - Setting Management Group Notification Options
 - Creating Notification Recipients
 - Creating Notification Subscriptions

After completing this module, students will be able to:

- Configure default management group settings.
- Override the default management group setting.
- Configure notification settings and define who will receive the notifications.

- Module 4: Agent Installation
 - Configuring Active Directory
 - Automatic Installation
 - Manual Installation
 - Managing Agents
 - Lab: Agent Installation
 - Manually Installing the Agent
 - Approving the Manually Installed

After completing this module, students will be able to:

- Create an Active Directory container for automatic agent assignment.
- Configure automatic installation settings.
- Manually install and approve an agent.

- Module 5: Management Packs
 - Overview of Management Packs
 - Importing and Exporting Management Packs
 - Creating and Sealing Management Packs
 - Lab: Creating Monitors
 - Creating a Self-Tuning Threshold Monitor
 - Creating a Correlated Windows Event Unit Monitor

After completing this module, students will be able to:

- Define the components that make up a management pack.
- Create a new management pack.
- Export and import management packs.
- Seal a management pack.

➤ Module 6: Reporting

- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports

- Lab: Creating Reports
 - Creating a Model
 - Creating a Report

After completing this module, students will be able to:

- Install and configure SQL Reporting Services.
- Install and configure Operations Manager Reporting.
- View reports.
- Create reports using Report Builder.

➤ Module 7: Agentless Exception Monitoring

- Configuring Exception Monitoring
- Managing Clients
 - Lab: Configuring Agentless Exception Monitoring
 - Configuring Client Monitoring
 - Configuring Group Policy

After completing this module, students will be able to:

- Configure a management server as an Agentless Exception Monitoring collector.
- Configure clients to generate error reports and send them to the management server.

➤ Module 8: Audit Collection Services

- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
 - Lab: Configuring ACS Reports
 - Configuring ACS Reporting

After completing this module, students will be able to:

- Install and configure Audit Collection Services.
- Optimize auditing.
- Create Auditing reports.

➤ Module 9: Using Operations Manager 2007 Command Shell

- Command Shell Overview
- Using Command Shell with Operations Manager 2007
 - Lab: Using the Command Shell
 - Running Individual Commands
 - Scripting Commands

After completing this module, students will be able to:

- Identify how the command shell is used.
- Understand the cmdlets that are included with Operations Manager 2007.

➤ Module 10: Complex Environments

- Multi-homing Agents

- Untrusted Environments
- Multi-tiered Environments
 - Lab: Connecting Management Groups
 - Configure Subscriptions
 - Configure Operator Accounts

After completing this module, students will be able to:

- Multihome an agent
- Create a connector to another management group
- Create a connector subscription to a third-party management product

➤ Module 11: Migrating from MOM 2005 to Operations Manager 2007

- Migration Overview
- Using the Migration Tool
- Converting Management Packs
 - Lab: Converting Management Packs
 - Using the Migration Tool

After completing this module, students will be able to:

- Identify the migration methods.
- Perform a migration to Operations Manager 2007.
- Convert management packs from MOM 2005 format to Operations Manager 2007 format.
- Identify changes in the management pack formats.