

50028 - Installing and Configuring System Center Operations Manager (SCOM) 2007 R2

Duration: 5 days

Overview:

This five-day instructor-led course provides students with the knowledge and skills to manage a Systems Center Operations Manager 2007 R2 management group. This course is intended to develop the necessary skills to install and manage Operations Manager 2007 R2 management servers and supporting roles.

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.

Pre-requisites:

Before attending this course, students must have:

- A+ certification or equivalent knowledge
- Network+ certification or equivalent knowledge
- Completed Course 2273, 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
- Familiarity with Windows Server 2008
- Familiarity with Microsoft SQL Server 2005
- Familiarity with SQL Reporting Services

Module 1: Installing Microsoft System Center Operations Manager 2007 R2

Lessons

- Preparing for Operations Manager 2007 R2
- Using System Center Capacity Planner
- Security
- Installing System Center Operations Manager 2007 R2
- Post Installation

Lab : Installing System Center Operations Manager

- Installing System Center Operations Manager

Module 2: Using the Operations Console

Lessons

- Reviewing the Workspaces
- Using the Web Console
- Working with Views
- Reviewing Security Roles

Lab : Creating Operator Accounts and Views

- Creating Operator Accounts and Views

Module 3: Configuring Management Group and Agent Settings

Lessons

- Global Settings
- Overriding Global Settings
- Creating Notifications

Lab : Configuring Notification Settings

- Configuring Notification Settings

Module 4: Agent Installation

Lessons

- Configuring Active Directory
- Push Installation
- Manual Installation
- Managing Agents

Lab : Agent Installation

- Agent Installation

Module 5: Management Packs

Lessons

- Management Pack Overview
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs

Lab : Creating Monitors

- Creating Monitors

Lab : Creating Tasks

- Creating Tasks

Lab : Associating Run As Profiles with a Management Pack

- Associating Run As Profiles with a Management Pack

Lab : Configuring Overrides

- Configuring Overrides

Module 6: Reporting

Lessons

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

Lab : Creating Reports

- Creating Reports

Module 7: Agentless Exception Monitoring

Lessons

- Configuring Exception Monitoring
- Managing Clients

Lab : Configuring Agentless Exception Monitoring

- Configuring Agentless Exception Monitoring

Module 8: Audit Collection Services

Lessons

- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Importing ACS Reports

Lab : Configuring Forwarders

- Configuring Forwarders

Lab : Configuring ACS Reports

- Importing ACS Reports

At Course Completion:

After completing this course, students will be able to:

- Install and configure a management group
- Configure management group and agent settings
- Identify the components of Management Packs
- Install and configure reporting
- Manage Agentless Exception Monitoring
- Manage Audit Collection Services
- Create Synthetic Transactions
- Create Distributed Applications
- Monitor system in untrusted domains and workgroups
- Configure a management group hierarchy

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Module 9: Synthetic Transactions

Lessons

- Synthetic Transactions

Lab : Creating Synthetic Transactions

- Creating Synthetic Transactions

Module 10: Distributed Applications

Lessons

- Distributed Applications

Lab : Creating a Distributed Application

- Creating a Distributed Application Model

Module 11: Monitoring Non-Microsoft Platforms

Lessons

- Tools for Monitoring Non-Microsoft Platforms
- Using the Cross-Platform Extensions

Lab : Installing the Cross-Platform Client

- Installing the Cross-Platform Client

Module 12: Complex Environments

Lessons

- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments

Lab : Connecting Management Groups

- Connecting Management Groups

Module 13: Backup and Recovery

Lessons

- Planning Backup and Restore
- Performing a Backup
- Planning Restore Strategies

Lab : Converting Management Packs

- Promoting a Management Server