

50028 – Installing & Configuring System Centre Operations Manager 2007 R2

Vendor Course Code: 50028

Course Length: 5 days

Overview: This five-day instructor-led course provides students with the knowledge and skills to manage a Systems Centre 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.

Skills Gained:

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.

Key Topics:

Course Outline

Module 1: Installing Microsoft System Centre Operations Manager 2007 R2

This module explains how to plan and install the components for the Management Group.

Lessons

Preparing for Operations Manager 2007 R2

Using System Centre Capacity Planner

Security

Installing System Centre Operations Manager 2007 R2

Post Installation

Lab : Installing System Centre Operations Manager

Installing System Centre Operations Manager

After completing this module, students will be able to:

- Install System Centre Operations Manager 2007 and verify a successful installation.

Module 2: Using the Operations Console

This module explains how to use the Operations Console, create Operator Accounts, use the Web Console and create Views.

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

After completing this module, students will be able to:

- Install the Operations Console on another system.
- Understand the workspaces and views.
- Install and use the Web Console.

- Create Operators.

Module 3: Configuring Management Group and Agent Settings

This module explains how to define the default management group and agent settings, override the default settings for a management server and agents, and create notifications to be sent when alerts appear.

Lessons
Global Settings
Overriding Global Settings
Creating Notifications

Lab : Configuring Notification Settings
Configuring Notification Settings

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

This module explains how to install and configure the agent used to monitor systems within the Management Group.

Lessons
Configuring Active Directory
Push Installation
Manual Installation
Managing Agents

Lab : Agent Installation
Agent Installation

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

This module explains how to import, export and manage Management Packs used within the management group.

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

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

This module explains how to configure the reporting components for the management group.

Lessons

Installing and Configuring SQL Reporting Services

Installing Operations Manager Reporting

Creating and Viewing Reports

Lab : Creating Reports

Creating Reports

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

This module explains how to configure the settings and group policy options for Agentless Exception Monitoring.

Lessons

Configuring Exception Monitoring

Managing Clients

Lab : Configuring Agentless Exception Monitoring

Configuring Agentless Exception Monitoring

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

This module explains how to collect audit information from monitored systems and display the collected audit information using reports.

Lessons

Audit Collection Services Overview

Installing Audit Collection Services

Configuring Forwarders and Collectors

Importing ACS Reports

Lab : Configuring Forwarders

Configuring Forwarders

Lab : Importing ACS Reports

Importing ACS Reports

After completing this module, students will be able to:

- Install and configure Audit Collection Services.
- Optimise auditing.
- Import Auditing reports.

Module 9: Synthetic Transactions

This module explains how to create transactions that mimic user actions and test functionality.

Lessons

Synthetic Transactions

Lab : Creating Synthetic Transactions

Creating Synthetic Transactions

After completing this module, students will be able to:

- Identify the components of a Synthetic Transaction.
- Create a Synthetic Transaction using the wizard.

Module 10: Distributed Applications

This module explains how to name, declare, assign values to, and use variables. It also describes how to store data in an array.

Lessons
Distributed Applications

Lab : Creating a Distributed Application Model
Creating a Distributed Application Model

After completing this module, students will be able to:

- Use the Distributed Application wizard.
- Identify the components of a Distributed Application.

Module 11: Monitoring Non-Microsoft Platforms

This module explains how to monitor non-Microsoft operating systems and devices.

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

Lab : Installing the Cross-Platform Client
Installing the Cross-Platform Client

After completing this module, students will be able to:

- Understand the requirements for monitoring Linux and Unix systems.
- Configure agent installation for Linux and Unix systems.
- Monitor Linux and Unix systems.

Module 12: Complex Environments

This module explains how to configure complex scenarios. The information covered includes multihoming an agent so that it reports monitoring data to more than one management group, configuring agents in untrusted domains to use certificate-based authentication, configuring a gateway server to support clients in untrusted domains, and configuring management groups in a hierarchy.

Lessons
Multi-homing Agents
Untrusted Environments
Multi-Tiered Environments

Lab : Connecting Management Groups
Connecting Management Groups

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.
- Configure Certificate-based authentication.
- Configure a Gateway Server.

Module 13: Backup and Recovery

This module explains how to safeguard the management group from failure by backing up the required systems and components.

Lessons
Planning Backup and Restore
Performing a Backup
Planning Restore Strategies
Lab : Promoting a Management Server
Promoting a Management Server

After completing this module, students will be able to:

- Identify the components to backup.
- Backup the required components.
- Identify Restore requirements.

Have Questions? For advice about training and certification, connect with peers: Visit the training and certification forum for questions about a specific certification, chat with a Microsoft Certified Professional (MCP): Visit our MCP newsgroups to find out about recommended blogs, Web sites, and upcoming Live Meetings on popular topics, visit our community site: Visit the Microsoft Learning community

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 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.