



BUILDING TRAINING SOLUTIONS
FOR THE IT WORLD

Days: 5
Format: Instructor-Led
Certification Exams: None
Certification Track: None

Recommended Course Sequence

Knowledge of prerequisites
noted below.

*Course content is subject to change
without notice.*

Managing System Center Operations Manager 2007

Course Description:

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

Target Student:

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.

Delivery Method:

Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Prerequisites:

Before attending this course, students must have:

- A+ certification (A+ESS and A+RST) or equivalent knowledge.
- Completed Course 5701 or equivalent knowledge.
- Completed Course 5702 or equivalent knowledge.
- Completed Course 2279 or equivalent knowledge.

At Course Completion:

Upon successful completion of this course, students will be able to:

- Install and configure a management group.
- Install a clustered Root Management Server.
- Configure management group and agent settings.
- Install and configure reporting.
- Manage Agent less Exception Monitoring.
- Manage Audit Collection Services.
- Use Windows PowerShell to manage the management group.
- Configure a management group hierarchy.
- Migrate from Microsoft Operations Manager 2005 to System Center Operations Manager 2007

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Course Outline

Module 1: Installing System Center Operations Manager

This module explains how to install management servers and configure a clustered Root Management Server.

Lessons
<ul style="list-style-type: none">■ Identifying and Installing Prerequisites■ Installing System Center Operations Manage 2007■ Post Installation
Lab A: Installing System Center Operations Manager
<ul style="list-style-type: none">■ Installing the Operations Manager Components
Lab B: Installing a Clustered RMS
<ul style="list-style-type: none">■ 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

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
<ul style="list-style-type: none">■ Overview of the Operations console■ Creating Operator Accounts■ Using the Web Console■ Working with Views
Lab: Creating Operator Accounts and Views
<ul style="list-style-type: none">■ Creating User Roles■ Creating Views

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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
<ul style="list-style-type: none">■ Global Settings■ Overriding Global Setting■ Creating Notifications.
Lab: Creating Notification Settings
<ul style="list-style-type: none">■ Setting Management Group Notification Options■ Creating Notification Recipients■ Creating Notification subscriptions

Module 4: Agent Installation

This module explains how to install and configure the agent.

Lessons
<ul style="list-style-type: none">■ Configuring Active Directory■ Automatic Installation■ Manual Installation■ Managing Agents
Lab: Agent Installation
<ul style="list-style-type: none">■ Manually Installing the Agent■ Approving the Manually Installed

Module 5: Management Packs

This module explains how to import, export and manage management packs.

Lessons
<ul style="list-style-type: none">■ Overview of Management Packs■ Importing and Exporting Management Packs■ Creating and Sealing Management Packs
Lab: Creating Monitors
<ul style="list-style-type: none">■ Creating a Self-Tuning Threshold Monitor■ Creating a Correlated Windows Event Unit Monitor

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Module 6: Reporting

This module explains how to install and configure Reporting Services and build the appropriate models for Operations Manager monitoring.

Lessons
<ul style="list-style-type: none">■ Installing and Configuring SQL Reporting Services■ Installing Operations Manager Reporting■ Creating and Viewing Reports
Lab: Creating Reports
<ul style="list-style-type: none">■ Creating a Model■ Creating a Report

Module 7: Agentless Exception Monitoring

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

Lessons
<ul style="list-style-type: none">■ Configuring Exception Monitoring■ Managing clients
Lab: Configuring Agentless Exception Monitoring
<ul style="list-style-type: none">■ Configuring client Monitoring■ Configuring Group Policy

Module 8: Audit collection Services

This module explains how to configure Audit Collection Services so that security auditing can be centralized within the organization.

Lessons
<ul style="list-style-type: none">■ Audit Collection Services Overview■ Installing Audit Collection Services■ Configuring Forwarders and Collectors
Lab: Configuring ACS Reports
<ul style="list-style-type: none">■ Configuring ACS Reporting

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Module 9: Using Operation Manager 2007 Command Shell

This module explains how to use the new Windows PowerShell-based commands to manage the management group.

Lessons
<ul style="list-style-type: none">■ Command shell Overview■ Using command Shell with Operations Manager 2007
Lab: Using the Command Shell
<ul style="list-style-type: none">■ Running Individual Commands■ Scripting Commands

Module 10: Complex Environments

This module explains how to multi-home agents, work with agents in untrusted domains and configure a hierarchy of management groups.

Lessons
<ul style="list-style-type: none">■ Multi-homing Agents■ Untrusted Environments■ Multi-tiered Environments
Lab: Connecting Management Groups
<ul style="list-style-type: none">■ Configure Subscriptions■ Configure Operator Accounts

Module 11: Migrating from MOM 2005 to Operations Manager 2007

This module explains how to use the tools required to migrate the agents and setting from the MOM 2005 management group to the Operations Manager 2007 Management group.

Lessons
<ul style="list-style-type: none">■ Migration Overview■ Using the Migration Tool■ Converting Management Packs
Lab: Converting Management Packs
<ul style="list-style-type: none">■ Using the Migration Tool