



Course M50028-ILT

Installing and Configuring System Center Operations Manager 2007 (Courseware Library)

Five days, Instructor-Led

INTRODUCTION

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.

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.

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

- Identifying and Installing Prerequisites
- Installing System Center Operations Manager 2007
- Post Installation

Lab: Installing System Center Operations Manager

- Installing the Operations Manager Components

Lab: 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

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.



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Lessons

- 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

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: Creating Notification Settings

- 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

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

Lab: Agent Installation

- Manually Installing the Agent
- Approving the Manually Installed

MODULE 5: MANAGEMENT PACKS

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

Lessons

- Overview of Management Packs



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- 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

MODULE 6: REPORTING

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

Lessons

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

Lab: Creating Reports

- 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

- Configuring Exception Monitoring
- Managing Clients

Lab: Configuring Agentless Exception Monitoring

- 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

- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors

Lab: Configuring ACS Reports

- Configuring ACS Reporting

MODULE 9: USING OPERATIONS MANAGER 2007 COMMAND SHELL

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

Lessons

- Command Shell Overview
- Using Command Shell with Operations Manager 2007

Lab: Using the Command Shell

- 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

- Multi-homing Agents
- Untrusted Environments
- Multi-tiered Environments

Lab: Connecting Management Groups

- 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

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

Lab: Converting Management Packs

- Using the Migration Tool