

Systems Center Operations Manager 2007

Course: Ops Mgr 2007 Installation and Configuration

Number of Days: Two (2)

Prerequisites:

Before attending this course, students should have:

- MCSA certification, or equivalent knowledge

The course materials, lectures, and lab exercises are in English. To benefit fully from our instruction, students need an understanding of the English language and completion of the prerequisites.

Course Materials and Software:

The student kit includes a comprehensive workbook and with detailed hands on labs for this class. No software is provided in the student kit but an evaluation of System Center Operations Manager 2007 is available at the Microsoft site.

Description:

This two-day course is a mix of in-depth instructor led training and hands-on labs where you will learn about the new features, server roles and components included in Operations Manager 2007.

This class begins with an introduction to Operations Manager 2007 followed by a detailed architectural discussion that explains how to design your Operations Manager 2007 environment details how all of the communication occurs between components. Next students will walk through an advanced installation of Operations Manager 2007 and learn how to install the database, Root Management Server, additional Management servers and deploy agents. Once the setup is complete, the students will upgrade to SP1 and perform other critical post installation configurations. Attendees will also learn about the issues involved in migrating from MOM 2005 to Operations Manager 2007, the new health model that Management Packs are built upon and key changes to maintenance mode. The discovery of non-Windows devices and operating systems is also explored as are overrides, diagnostics and recoveries, notification configuration, multiple management groups and the Command Shell. This course will also guide students through the installation and configuration of a gateway server.

Course Outline:

The lessons included in this course are:

- Session 1: Overview of System Center Operations Manager 2007
- Session 2: Architecting Operations Manager 2007
- Session 3: Installing Operations Manager 2007
- Session 4: Installing ACS
- Session 5: Discovering Non-Windows Devices
- Session 6: Overrides, Diagnostics & Recoveries, and Notifications
- Session 7: Management Groups & SCCP
- Session 8: Gateway Server Role
- Session 9: Command Shell

Session 1: Overview of System Center Operations Manager 2007

After completing this session students will be able to:

- Describe the features in System Center Operations Manager 2007
- Navigate through the Operations Console

Session 2: Architecting Operations Manager 2007

After completing this session students will be able to:

- Describe the core server roles in Operations Manager 2007
- Design a basic and advanced architecture
- Understand the sizing and planning tools available

Session 3: Installing Operations Manager 2007

After completing this session students will be able to:

- Install Operations Manager 2007
- Install and addition Management Server
- Import Management Packs
- Deploy agents
- Understand and perform the necessary post installation tasks
- Explain and define the configuration of global settings
- Import updated MPs
- Upgrade to SP1

Session 4: Installing ACS

After completing this session students will be able to:

- Install Audit Collection Services
- Enable an Audit Collection Services agent (forwarder)
- Install ACS reports
- Configure ACS filters to restrict security data written into the ACS database

Session 5: Discovering Non-Windows Devices

After completing this session students will be able to:

- Configure SNMP for non-Windows device discovery
- Test SNMP
- Perform a network discovery

Session 6: Management Groups and SCCP

After completing this session students will be able to:

- Connect multiple management groups
- Define a model in SCCP and test for bottlenecks

Session 7: Overrides, Diagnostics & Recoveries, and Notifications

After completing this session students will be able to:

- Create overrides based on targeting best practices
- Create a diagnostic and recovery to automate corrective actions

- Define notification recipients
- Define notification subscriptions

Session 8: Gateway Server Role

After completing this session students will be able to:

- Describe the Gateway Server role

Session 9: Command Shell Overview

After completing this session students will be able to:

- Run some basic Command Shell commands