

Systems Center Operations Manager 2007

Course: Operations Manager 2007 Fundamentals

Number of Days: Two (2)

Prerequisites:

Before attending this course, students should have:

- MCSA certification, or equivalent knowledge
- Taken the Ops Mgr 2007 Installation and Configuration course or have knowledge of the different server roles and be familiar with the Operations Console

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 all of the components that make up a Management Pack. In addition to learning how to create attributes, rules, discoveries, monitors, tasks and views, you will also learn how to configure the following Microsoft Management packs;

- Windows Base Operating System Management Pack
- Active Directory Management Pack
- Exchange Management Pack
- SQL Management Pack
- MOSS 2007 Management Pack
- HP Management Packs

This class begins with a brief introduction to Operations Manager 2007 and then dives into all of the components that are included in a management pack. This class does not focus on installation as this is complete upon arrival and the platform is configured to demonstrate how to work with Management Packs and their associated components.

Course Outline:

The lessons included in this course are:

Session 1: Overview of Management Pack Components

Session 2: Operations Manager Security

Session 3: Management Pack Components

Session 4: Reporting

Session 5: Monitoring the Windows Operating System

Session 6: Monitoring Active Directory

Session 7: Monitoring Exchange 2003

Session 8: Monitoring SQL

Session 9: Monitoring HP Hardware

Appendix: The following modules will only be covered if time permits.
Appendix A: Microsoft Office SharePoint Server 2007 (MOSS)
Appendix B: Exchange 2007 MP

Session 1: Overview of Management Pack Components

After completing this session students will be able to:

- Describe the components included in a Management Pack
- Describe and use the Management Pack Templates
- Understand overrides, diagnostics and recoveries
- Understand the health model
- Describe the difference between rules and monitors
- Understand targeting best practices

Session 2: Security

After completing this session students will:

- Understand the new role based security
- Be able to create a new user role and restrict the view in the Operations Console to specific groups
- Understand the minimum requires for the different service accounts and the action account

Session 3: Management Pack Components

After completing this session students will be able to:

- Create a attribute
- Search for and create overrides for object discovery
- Understand object discovery and the overrideable parameters
- Create rules and monitors
- Modify existing rules and monitors through the use of overrides
- Create Tasks
- Create View

Session 4: Reporting

After completing this session students will be able to:

- Describe the different reports included in the various Management Packs
- Run an alert detail report, availability report and other reports
- Build a report model

Session 5: Windows Server Operating System

After completing this session students will be able to:

- Describe the features in the Windows Operating System
- Import and Configure the Windows Operating System MP

Session 6: Active Directory Management Pack

After completing this session students will be able to:

- Describe the features in the ADMP
- Import and Configure the ADMP

Session 7: Exchange Management Pack

After completing this session students will be able to:

- Describe the features in the Exchange Server 2003 MP
- Import and Configure the Exchange Server 2003 MP

Session 8: SQL Management Pack

After completing this session students will be able to:

- Describe the features in the SQL Server 2005 MP
- Import and Configure the SQL Server 2005 MP

Session 9: Monitoring HP Hardware

After completing this session students will be able to:

- Describe the features in the HP MP

Appendix:

The following two modules are included but will only be covered if time permits.

Appendix A: Microsoft Office SharePoint Server 2007 (MOSS)

Appendix B: Exchange 2007 MP