
Managing System Center Operations Manager 2007

Varighet: 5 Days Kurskode: M50028

Beskrivelse:

This five-day instructor-led course provides students with the knowledge and skills to install and configure System Center Operations Manager 2007. The information included in this class will prepare the student for managing their Operations Manager 2007 infrastructure.

Målgruppe:

This course is intended for both novice and experienced network engineers who have a minimum basic Active Directory and network services experience.

Agenda:

- After completing this course, students will be able to:
 - Install Operations Manager 2007 Root Management Server.
 - Install the Root Management Server in a highly available configuration.
 - Navigate the Operations Console and the Web Console.
 - Manage the Management Group using the Command Shell.
 - Perform agent installation on managed systems.
 - Import and export management packs.
 - Configure Rules, Events, Monitors and Tasks.
 - Configure Reporting and create reports.
 - Monitor workstations and servers using Agentless Exception Monitoring.
 - Configure and manage Audit Collection Services.
 - Create Synthetic Transactions.
 - Create Distributed Applications.
 - Multi-home an agent.
 - Configure a Gateway server for monitoring untrusted domains.
 - Configure communication between two management groups.
 - Migrate from Microsoft Operations Manager 2005 to Operations Manager 2007.
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Forkunnskaper:

Before attending this course, students must have:

- Familiarity with PC hardware and devices.
- Experience supporting Windows-based systems.
- Experience authoring and editing batch and script files.
- Experience reviewing Windows application and service logs.
- Experience configuring or supporting distributed application environments.
- Working knowledge of Windows Server 2003 networking.
- Working Knowledge of Active Directory.

Test og sertifisering

- [Exam 70-400: TS: Microsoft® System Center Operations Manager 2007, Configuring](#)

Innhold:

MODULE 1: Installing Microsoft System Center Operations Manager 2007

Lessons:

- Identifying and Installing Prerequisites
- Installing System Center Operations Manager 2007
- Post Installation
- Overview of the Operations Console
- Creating Operator Accounts
- Using the Web Console
- Working with View

Lab A: Installing System Center Operations Manager

Installing the Operations Manager Components

Lab B: 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 and how to perform configuration tasks.

Lessons:

- Identifying and Installing Prerequisites
- Installing System Center Operations Manager 2007
- Post Installation
- Overview of the Operations Console
- Creating Operator Accounts
- Using the Web Console
- Working with View

Lab: Creating Operator Accounts and Views

- Creating User Roles
- Monitoring with a Remote Console

MODULE 3: Using Operations Manager 2007 Command Shell

MODULE 5: Agent Installation

This module explains how to deploy the Operations Manager agent within the

management group.

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab: Agent Installation

- Manually Installing the Agent
- Approving the Manually Installed Agent

MODULE 6: Management Packs

This module explains how to import, export and manage the objects within a management pack.

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings

Lab: Configuring Agentless Exception Monitoring

- Configuring Client Monitoring
- Configuring Group Policy
- Testing Client Monitoring

MODULE9: Audit Collection Services

This module explains how to install and configure Audit Collection Services, how to enable forwarders and how to manage collectors and forwarders using the Command Shell.

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab A: Configuring Forwarders

- Enabling Forwarders

Lab B: Configuring ACS Reports

- Import ACS Reports

MODULE 10: Synthetic Transactions and Distributed Applications

This module explains how to create a

This module explains how to use the PowerShell commands that are available within Operations Manager 2007.

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- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
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- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab: Using the Command Shell

- Running Individual Commands
- Scripting Commands

MODULE 4: Configuring Management Group and Agent Settings

This module explains how to configure the global management group settings and the individual agent settings within Operations Manager 2007.

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents

- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab A: Creating Monitors

- Creating a Self-Tuning Threshold
- Creating a Correlated Windows Event Unit Monitor

Lab B: Creating Tasks

- Creating a Task
- Testing a Task

Lab C: Associating Run As Profiles with a Management Pack

- Creating a Run As Profile
- Testing a Task

Lab D: Configuring Overrides

- Create and Verify the Override

MODULE7: Reporting

This module explains how to install and configure SQL Reporting Services and then install Operations Manager Reporting and create reports.

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory

synthetic transaction to proactively monitor components. It also explains how to create and use distributed applications to provide end-to-end service monitoring

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab A: Creating Synthetic Transactions

- Building the Synthetic Transaction
- Testing the Synthetic Transaction

Lab B: Creating a Distributed Application

- Building the Model
- Testing the Distributed Application

MODULE11: Complex Environments

This module explains how to configure agents to send monitoring data to multiple management servers in multiple management groups. It also explains how to install and configure a Gateway server for clients in untrusted domains and how to configure multiple management groups to interoperate.

Lessons

- Command Shell Overview
- Using Command Shell Operations

- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab: Configuring Notification Settings

- Setting Management Group Notification Options
- Creating Notification Recipients
- Creating Notification Subscriptions
- Testing Notification Subscriptions

- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab A: Creating Reports

- Creating a Model
- Creating a Report

MODULE8: Agentless Exception Monitoring

This module explains how to configure Agentless Exception Monitoring to monitor for application faults and then monitor the client systems.

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions

- Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients
- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab: Connecting Management Groups

- Configuring Subscriptions
- Configuring Operator Accounts

MODULE12: Migrating from MOM 2005 to Operations Manager 2007

This module explains how to import, export and manage the objects within a management pack.

Lessons

- Command Shell Overview
- Using Command Shell Operations Manager 2007
- Global Settings
- Overriding Global Settings
- Creating Notifications
- Configuring Active Directory
- Automatic Installation
- Manual Installation
- Managing Agents
- Overview of Management Packs
- Importing and Exporting Management Packs
- Creating and Sealing Management Packs
- Installing and Configuring SQL Reporting Services
- Installing Operations Manager Reporting
- Creating and Viewing Reports
- Configuring Exception Monitoring
- Managing Clients

- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

- Audit Collection Services Overview
- Installing Audit Collection Services
- Configuring Forwarders and Collectors
- Synthetic Transactions
- Distributed Applications
- Multi-homing Agents
- Untrusted Environments
- Multi-Tiered Environments
- Migration Overview
- Using the Migration Tool
- Converting Management Packs

Lab: Converting Management Packs

- Using the Migration Tool

Ytterligere informasjon:

For mer informasjon eller kursbooking, vennligst ring oss 22 95 66 00

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