



# 50235 Managing Enterprise Desktops Using the Microsoft Desktop Optimization Pack

Course Outlines

## 50235 Managing Enterprise Desktops Using the Microsoft Desktop Optimization Pack

Days of Training: 5

### Overview

This five-day, instructor-led course will enable students to gain an understanding of the tools available in Microsoft Desktop Optimization Pack (MDOP) to improve their Change Management process, and reduce support across their, or their customer's, environment.

### Prerequisites

Before attending this course, students must have:

- Active Directory knowledge and concepts including Group Policy, and knowledge and experience with Windows Server 2008.
- Fundamental knowledge of SQL Server 2005, Windows Terminal Services, System Center Configuration Manager 2007, Microsoft Operations Manager.
- Experience managing Windows desktops in an Enterprise environment.

### At Course Completion

After completing this course, students will walk away with a deep understanding of the Application Virtualization environment and be able to install, configure, administer, and troubleshoot the components. Students will also be able to install and utilize the MDOP components and understand their position in the desktop management process.

### Lesson 1: Optimizing Windows Desktop

#### Management in the Enterprise

Desktop Management in the Enterprise  
Microsoft Desktop Optimization Pack Overview

### Lesson 2: Microsoft Enterprise Desktop

#### Virtualization: Introduction and Architecture

Introduction to MED-V  
MED-V Architecture  
Installation and Configuration

### Lesson 3: Microsoft Enterprise Desktop

#### Virtualization: Management

Microsoft Enterprise Desktop Virtualization (MED-V) Image Management  
Managing MED-V Workspace Policies  
Deploying MED-V Client Images  
Working with a MED-V Workspace  
Maintaining MED-V

### Lesson 4: Microsoft Application Virtualization

#### Management System: Introduction and Architecture

Application Management Lifecycle  
Benefits of Application Virtualization  
Requirements and Interaction of App-V Components

### Lesson 5: Microsoft Application Virtualization

#### Management System: Planning and Deployment

Planning the Supporting Infrastructure  
Planning Deployment Scenarios  
Overview of the Server Installation Process

### Lesson 6: Backup of SQL Server 2008 R2

#### Databases

Planning the Application Virtualization Client Deployment  
Installing and Configuring the App-V Client  
Managing Client Configuration Features

### Lesson 7: Administering the Application

#### Virtualization Management Server

Overview of the Application Virtualization Management Console  
Publishing Applications into the Application Virtualization Environment  
Modifying Published Applications and Configuring Version Upgrades

### Lesson 8: Advanced Application Virtualization

#### Administration Tasks

Creating and Configuring Provider Policies  
Enforcing License Compliance  
Managing Server Groups and Server Objects  
Troubleshooting

### Lesson 9: Planning and Deploying the

#### Application Virtualization Sequencer

Overview of the Application Virtualization Sequencer  
Planning the Sequencer Environment  
Installing and Configuring the Application Virtualization Sequencer  
Sequencing Applications for Virtualization

### Lesson 10: Advanced Sequencing

Upgrading Existing Packages  
Advanced Package Options  
Hard-coded Applications  
Sequencing a Web-based Application  
Standalone Packages  
OSD File Scripting

### Lesson 11: Microsoft Application Virtualization and System Center Configuration Manager Integration

Overview of Application Deployment with System Center Configuration Manager 2007  
Delivery Methods Available to Configuration Manager Clients  
Preparing the Configuration Manager Infrastructure for Application Virtualization Integration  
Creating and Distributing Virtual Application Packages  
Reporting and Troubleshooting

### Lesson 12: Controlling Group Policy Objects Using Advanced Group Policy Management

Overview of Advanced Group Policy Management  
Configuring Advanced Group Policy Management  
Introduction to Controlling Group Policy Objects  
Managing Group Policy Using AGPM

### Lesson 13: Monitoring Desktops Using Microsoft Desktop Error Monitoring

Overview of Microsoft Desktop Error Monitoring  
Installing and Configuring Desktop Error Monitoring

### Lesson 14: Managing Software Inventory Using the Asset Inventory Service

Asset Inventory Service (AIS) Overview  
Deploying AIS Clients  
Managing Computers Reporting to AIS  
Managing Software Inventory

### Lesson 15: Repairing and Diagnosing Computer Systems Using the Diagnostics and Recovery Toolset

Diagnostics and Recovery Toolset Overview  
Differences Between DaRT 5 and DaRT 6  
Recovery Tools Overview  
Administrative Tools Category Overview  
Networking Tools Category Overview  
Systems Tools Category Overview

MS50235

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