MOC 50213 Implementing Data Protection Manager 2007

Course Summary

Description
This course provides students with the knowledge and skills to implement Data Protection Manager (DPM) 2007.

Objectives
At the end of this course, students will be able to:

- Describe Data Protection Manager (DPM) 2007.
- Describe the prerequisite requirements to install DPM 2007.
- Install DPM 2007 servers.
- Perform post-installation configuration tasks.
- Plan protection of your SQL Server data.
- Plan protection group configuration for SQL Servers.
- Protect SQL Server data with DPM 2007.
- Recover SQL Server data with DPM 2007.
- Plan how to protect Exchange Server data.
- Plan protection group configuration for Exchange Servers.
- Protect Exchange Server data with DPM 2007.
- Recover Exchange Server data with DPM 2007.
- Plan to protect SharePoint Server data.
- Plan protection group configuration for SharePoint Servers.
- Protect SharePoint Server data with DPM 2007.
- Recover SharePoint Server data with DPM 2007.
- Protect virtualized environment data with DPM 2007.
- Recover virtualized environment data with DPM 2007.
- Monitor DPM 2007.
- Prepare for disaster recovery in DPM 2007.
- Perform disaster recovery for DPM 2007.

Topics

- Installing and Configuring Data Protection Manager 2007
- Protecting and Recovering SQL Server Data with DPM 2007
- Protecting and Recovering Exchange Server Data with DPM 2007
- Protecting and Recovering SharePoint Server Data with DPM 2007
- Protecting and Recovering Virtualized Environments with DPM 2007

Audience
This course is intended for IT professionals who are responsible for installing and configuring DPM 2007, and for using DPM 2007 to protect data and applications.

Prerequisites
Before attending this course, students should have some knowledge and experience of backup programs and some experience with the following core applications:

- Microsoft SQL Server
- Microsoft Exchange Server
- Microsoft Office SharePoint Server
- Microsoft Virtual Server or Hyper-V

Duration
Two days

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Course Outline

I. Installing and Configuring Data Protection Manager 2007

This module introduces the Data Protection Manager (DPM) 2007 product and discusses installation requirements for the DPM 2007 server. It also provides step-by-step instructions for installing DPM 2007 servers and explains how to perform required and optional post-installation configuration tasks on DPM 2007 servers.

A. Introducing Data Protection Manager 2007
B. Examining the Installation Requirements for DPM 2007
C. Installing DPM 2007
D. Performing DPM 2007 Post-Installation Tasks

Lab: Installing DPM 2007

- Installing DPM 2007 (simulation)

Lab: Configuring DPM 2007

- Configuring DPM Storage Pools
- Deploying DPM Protection Agents
- Configuring DPM Protection Groups
- Configuring DPM Server Settings

After completing this module, students will be able to:

- Describe Data Protection Manager (DPM) 2007.
- Describe the prerequisite requirements to install DPM 2007.
- Install DPM 2007 servers.
- Perform post-installation configuration tasks.

II. Protecting and Recovering SQL Server Data with DPM 2007

This module describes what you need to know when you plan protection of your SQL Server data and how best to protect it with DPM 2007. It also explains how to recover your SQL Server data with DPM 2007.

A. Planning SQL Server Protection
B. Planning Protection Configurations for SQL Server
C. Protecting SQL Server Data with DPM 2007
D. Recovering SQL Server Data with DPM 2007

Lab: Protecting SQL Server Data

- Creating New Protection Groups for SQL Server 2005 and SQL Server 2008 Using the DPM 2007 Administrator Console
- Creating New Protection Groups for SQL Server 2005 Using the DPM 2007 Management Shell

Lab: Recovering SQL Server Data

- Restoring a SQL Server 2005 Database to a New Name
- Restoring a SQL Server 2005 Database to SQL Server 2008
- Restoring a SQL Server 2005 Database to a Network Folder
- Restoring a SQL Server 2005 Database Using Transaction Logs

After completing this module, students will be able to:

- Plan protection of your SQL Server data.
- Plan protection group configuration for SQL Servers.
- Protect SQL Server data with DPM 2007.
- Recover SQL Server data with DPM 2007.

III. Protecting and Recovering Exchange Server Data with DPM 2007

This module describes what you need to know when you plan protection of your Exchange Server data and how best to protect it with DPM 2007. It also explains how to recover your Exchange Server data with DPM 2007.

A. Planning Exchange Server Protection
B. Planning Protection Configurations for Exchange Server
C. Protecting Exchange Server Data with DPM 2007
D. Recovering Exchange Server Data with DPM 2007

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Course Outline (cont'd)

Lab: Protecting Exchange Server Data

- Creating New Protection Groups for Exchange Server 2007 Using the DPM 2007 Administrator Console
- Creating New Protection Groups for Exchange Server 2007 Using the DPM 2007 Management Shell

Lab: Recovering Exchange Server Data

- Restoring an Exchange Server 2007 Storage Group
- Restoring a Single Exchange Server 2007 Mailbox

After completing this module, students will be able to:

- Plan how to protect Exchange Server data.
- Plan protection group configuration for Exchange Servers.
- Protect Exchange Server data with DPM 2007.
- Recover Exchange Server data with DPM 2007.

IV. Protecting and Recovering SharePoint Server Data with DPM 2007

This module describes what you need to know when you plan protection of your SharePoint Server data and how best to protect it with DPM 2007. It also explains how to recover your SharePoint Server data with DPM 2007.

A. Planning SharePoint Server Protection
B. Planning Protection Configurations for SharePoint Server
C. Protecting SharePoint Server Data with DPM 2007
D. Recovering SharePoint Server Data with DPM 2007

Lab: Protecting SharePoint Server Data

- Creating New Protection Groups for Office SharePoint Server 2007 Using the DPM 2007 Administrator Console
- Creating a SharePoint Recovery Farm

Lab: Recovering SharePoint Server Data

- Restoring an Entire MOSS 2007 Server Farm
- Restoring an Entire MOSS 2007 Server Farm to a Network Folder
- Recovering a Single SharePoint Site

After completing this module, students will be able to:

- Plan to protect SharePoint Server data.
- Plan protection group configuration for SharePoint Servers.
- Protect SharePoint Server data with DPM 2007.
- Recover SharePoint Server data with DPM 2007.

V. Protecting and Recovering Virtualized Environments with DPM 2007

This module explains how to protect virtualized environment data by using DPM 2007, and explains how to recover your virtualized environment data by using DPM 2007.

A. Protecting Virtualized Environment Data with DPM 2007
B. Recovering Virtualized Environment Data with DPM 2007

After completing this module, students will be able to:

- Protect virtualized environment data with DPM 2007.
- Recover virtualized environment data with DPM 2007.

VI. Monitoring and Disaster Recovery in DPM 2007

This module explains how to monitor DPM 2007, and how to prepare for and perform disaster recovery in DPM 2007.

A. Monitoring DPM 2007
B. Preparing for DPM 2007 Disaster Recovery
C. Performing DPM 2007 Disaster Recovery

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Course Outline (cont'd)

Lab: Configuring DPM 2007 Disaster Recovery

- Backing Up the Primary DPM Server to Tape
- Preparing the Secondary DPM Server for Disaster Recovery
- Protecting the Primary DPM Server Using the Secondary DPM Server

Lab: Switching Between Primary and Secondary DPM Servers

- Switching Protection to a Secondary DPM Server
- Switching Protection Back to the Original Primary DPM Server

After completing this module, students will be able to:

- Monitor DPM 2007.
- Prepare for disaster recovery in DPM 2007
- Perform disaster recovery for DPM 2007.

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