

Kurs-Dokumentation



Zentrum für Informatik ZFI AG

System Center Data Protection Manager (BSCP-0411) -IT Ausbildung nach Mass

<http://www.zfi.ch/BSCP-0411>

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Titel	System Center Data Protection Manager
Untertitel	Server-Datensicherung mit DPM
Einleitung	Vereinfachen Sie Ihre Datensicherung mit dem Microsoft System Center Data Protection Manager (DPM), der neuen Serversoftwarelösung von Microsoft. Mit diesem Programm stellen Sie Ihre Daten schnell und verlässlich wieder her. Senken Sie Ihre Gesamtkosten durch effizienten und nahezu lückenlosen Datenschutz. DPM 2007 ist Teil der Microsoft System Center-Produktfamilie, mit der IT-Professionals ihre Windows Server Infrastruktur verwalten können. DPM 2007 bildet einen neuen Standard für die Windows-Sicherung und -Wiederherstellung und ermöglicht eine permanente Sicherung der Daten von Microsoft-Anwendungen und -File-Servern. Dieser ZFI/Microsoft-Kurs führt Microsoft-System-Administratoren in die richtige Konfiguration und Handhabung dieses neuen Microsoft Tools ein.
Ihr Nutzen	After completing this course, you will be able to Describe basic requirements for effective disaster recovery, Install and configure System Center Data Protection manager servers, Manager disk-based and tape-based backup libraries, Install data protection agents on file servers, Exchange Servers, Microsoft SQL Server, and Virtual Server Hosts, Create and configure protection groups to protect enterprise data on file servers, Exchange servers, SQL Servers, and Virtual Server Hosts, Recover and restore protected data on file servers, Exchange Servers, SQL Servers, and Virtual Server Hosts.
Voraussetzungen	Have experience providing direct enterprise customer support for Windows operating systems.
Teilnehmerkreis	Microsoft Support Professionals, Consultants, and IT Professionals.
Unterlagen	Original Microsoft Kursunterlagen
Folgekurse	
Inhalt	<ul style="list-style-type: none"> - Overview - What is DPM? - What can DPM protect? - Examining Backup Solutions - What you will learn - DPM Backup Types - Tape-Based Backup and Archive - Disk-Based Protection and Recovery - Combining Disk and Tape Backup Methods - Determining which Storage Method to use - Protecting Multiple Data Types - Protecting Clustered Servers - Managing Data Protection - DPM Administrator Console - DPM Reports and Notifications - DPM Management Packs

- End-User Recovery
- Windows PowerShell Integration

- How does DPM work?
- Examining Disk-Based Protection
- Deploying Protection Agents
- Defining Protection Groups
- Creating Replicas
- Tracking Changes

- Examining Synchronization
- Synchronizing Replicas

- Performing Consistency Checks
- Initiating Consistency Checks
- How Consistency Checks Affect Network Performance

- Examining Recovery Points
- Creating Recovery Points
- Recovery Point Limitations
- Recovering Data

- Examining Tape-Based Protection
- Seamless Disk- and Tape-Based Recovery
- Recovery Goals for Protection on Tape
- Tape Data Consistency
- Managing Tape Catalog Retention
- Inventorying Tape Libraries
- Adding and Removing Tapes

- Optimizing DPM Server Performance
- Optimizing DPM Process Utilization
- Optimizing Synchronization
- Reducing Synchronization Impact on Network Performance

- Planning for Disaster Recovery
- Preparing for DPM Server Recovery
- No Preparation?
- Effective Preparation

- **Selecting Enterprise Data to Protect**
- **Types of Data that Can Be Protected**
- **Protecting File Data on Servers and Workstations**
- **Protecting Exchange Server Storage Groups**
- **Protecting SQL Server Databases**
- **Protecting Windows SharePoint Services Data**
- **Protecting Virtual Server and Virtual Machines**
- **Protecting Clustered Resources**
- **Protecting Server System State**

- **Planning Protection Configurations**
- **Planning Protection Groups**
- **Selecting Protection Group Members**
- **Guidelines for Protection Groups**
- **Special Considerations for Protecting Data on Workstations**
- **Special Considerations for Protecting Data Over a WAN**
- **Importance of Protection Group Membership Decisions**

- **Selecting a Data Protection Method**
- **Defining Recovery Goals**
- **Allocating Space for Protection Groups**
- **Specifying Tape Library Details**
- **Compressing Data**
- **Encrypting Data**

- **Choosing a Replica Creation Method**
- **Calculating Time Required for Replica Creation**
- **Automatic Replica Creation**
- **Manual Replica Creation**

- **Planning for DPM Deployment**
- **Planning DPM Server Configurations**
- **Selecting the Number of DPM Servers**
- **Locating DPM Servers**

- **Selecting the Instance of SQL Server**
- **Using a Remote SQL Server**
- **Recommendations for Remote SQL Server Security**

- **Planning the Storage Pool**
- **Calculating Capacity Requirements**
- **Estimating Daily Recovery Point Size**

- Determining Retention Range Objectives
- Choosing Sources for Storage Capacity
- Planning the Disk Configuration
- Planning the Tape Library Configuration

- Planning for Security
- Security Considerations
- Configuring Antivirus Software
- Configuring Firewalls
- Configuring Security Permissions
- Using Domain Security Groups
- Granting Appropriate User Privileges

- Planning for End-User Recovery
- Configuring Active Directory Domain Services
- Installing DPM Recovery Point Client Software
- Planning for Notifications and E-mail Reports

- Lab 1: Planning for DPM Implementation
- Lab 2: Planning for Data Recovery

Beitrag

Der Teilnehmerbeitrag versteht sich rein netto. Das ZFI ist (gemäss MwSt-Gesetz) nicht Mehrwertsteuerpflichtig und erhebt somit keine MwSt. Bei länger als einen Monat dauernden Lehrgängen ist die Zahlung des Teilnehmerbeitrages in mehreren Raten möglich (pro rata temporis).

Bildungsweg Microsoft Server 2008

Microsoft Windows Server 2008

