

# Kurs-Dokumentation



**Zentrum für Informatik ZFI AG**

**Configuring, Managing and Maintaining Windows**

**Server 2008-based Servers (WS8K-0212) -IT**

**Ausbildung nach Mass**

<http://www.zfi.ch/WS8K-0212>

Weitere Infos finden Sie unter [www.zfi.ch](http://www.zfi.ch) oder via Adresse:

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<b>Titel</b>	<b>Configuring, Managing and Maintaining Windows Server 2008-based Servers</b>
<b>Untertitel</b>	<b>die Kompakt-Einführung in den Windows Server 2008 R2</b>
<b>Einleitung</b>	<b>This four-day instructor-led course combines four days worth of instructor-led training content from the Network Infrastructure Technology Specialist, Active Directory Technology Specialist, and IT Professional Server Administrator courses of Windows Server 2008 to provide students with the knowledge and skills that are required to manage accounts and resources, maintain server resources, monitor server performance, and safeguard data in a Microsoft Windows Server 2008 R2 environment. This course covers the core skills required by anyone working with Windows Server 2008 R2 Servers.</b>
<b>Ihr Nutzen</b>	<p><b>After completing this course, students will be able to:</b></p> <ul style="list-style-type: none"> <li>- Describe the different administrative tools and tasks in Windows Server 2008.</li> <li>- Configure AD DS user and computer accounts.</li> <li>- Create Groups and Organizational Units.</li> <li>- Manage access to shared resources in an AD DS environment.</li> <li>- Configure Active Directory Objects and Trusts.</li> <li>- Create and configure Group Policy Objects.</li> <li>- Configure user and computer environments by using Group Policy.</li> <li>- Implement security by using Group Policy.</li> <li>- Configure and analyze server security and security update compliance.</li> <li>- Configure and manage storage technologies included with Windows Server 2008.</li> <li>- Configure and manage Distributed File System.</li> <li>- Configure Network Access Protection.</li> <li>- Configure availability of network resources.</li> <li>- Monitor and Maintain servers running Windows Server 2008.</li> <li>- Manage a Windows Server 2008 Backup and Restore.</li> </ul>
<b>Voraussetzungen</b>	<ul style="list-style-type: none"> <li>- At least one year experience operating Windows Servers in the area of account management, server maintenance, server monitoring, or server security.</li> <li>- A+, Server+, hardware portion of Net+, and familiarity with Windows (client side).</li> <li>- Working knowledge of networking technologies.</li> <li>- Intermediate understanding of network operating systems.</li> <li>- Working experience with Windows Server 2003 and Windows Server 2008.</li> <li>- Basic knowledge of Active Directory.</li> <li>- An understanding of security concepts and methodologies ( for example, corporate policies).</li> <li>- Basic knowledge of scripting tools such as Powershell and WMI.</li> </ul>
<b>Teilnehmerkreis</b>	<b>This course is intended for Windows Server administrators who operate Windows Servers on a daily basis and want to learn the skills for configuring, managing, and maintaining the core technical areas of Windows Server 2008.</b>
<b>Unterlagen</b>	<b>Original Microsoft Kursunterlagen</b>
<b>Folgekurse</b>	
<b>Inhalt</b>	<b>Overview of the Windows Server 2008 Management</b>

- **Understanding the Windows Server 2008 Environment**
- **Overview of Windows Server 2008 Server Roles and Features**
- **Windows Server 2008 Administration Tools**
- **Managing Windows Server 2008 Server Core**

#### **Managing Windows Server 2008 Infrastructure Roles**

- **Understanding IPv6 Addressing**
- **Overview of the Domain Name System Server Role**
- **Configuring DNS Zones**
- **Overview of the DHCP Server Role**
- **Configuring DHCP Scopes and Options**

#### **Configuring Access to File Services**

- **Overview of Access Control**
- **Managing NTFS File and Folder Permissions**
- **Managing Permissions for Shared Resources**
- **Determining Effective Permissions**

#### **Configuring and Managing Distributed File System**

- **Distributed File System Overview**
- **Configuring DFS Namespaces**
- **Configuring DFS Replication**

#### **Managing File Resources by Using File Server Resource Manager**

- **Overview of File Server Resource Manager**
- **Configuring Quota Management**
- **Implementing File Screening**
- **Managing Storage Reports**

**- Implementing Classification Management and File Management Tasks****Configuring and Securing Remote Access**

- **Configuring a Virtual Private Network Connection**
- **Overview of Network Policies**
- **Integrating Network Access Protection with VPNs**
- **Configuring VPN Enforcement by Using NAP**
- **Overview of DirectAccess**
- **Deploying DirectAccess**

**Managing Active Directory Domain Services**

- **Overview of the Active Directory Infrastructure**
- **Working with Active Directory Administration Tools**
- **Managing User Accounts**
- **Managing Computer Accounts**
- **Managing Groups**
- **Using Queries to Locate Objects in AD DS**

**Configuring Active Directory Object Administration and Domain Trust**

- **Configuring Active Directory Object Administration**
- **Configuring Active Directory Trusts**

**Creating and Managing Group Policy Objects**

- **Overview of Group Policy**
- **Configuring the Scope of Group Policy Objects**
- **Managing Group Policy Objects**
- **Evaluating and Troubleshooting Group Policy Processing**

**Using Group Policy to Configure User and Computer Settings**

- Using Group Policy to Configure Folder Redirection and Scripts
- Using Administrative Templates to Manage Users and Computers
- Deploying Software by Using Group Policy
- Deploying Group Policy Preferences

**Implementing Security Settings Using Group Policy**

- Overview of Security Settings
- Implementing Fine-Grained Password Policies
- Restricting Group Membership and Access to Software

**Providing Efficient Network Access for Remote Offices**

- Overview of Remote Office Requirements
- Implementing Read-Only Domain Controllers
- Implementing BranchCache

**Monitoring and Maintaining Windows Server 2008**

- Planning Maintenance Tasks
- Calculating a Server Baseline
- Interpreting Performance Counters
- Selecting Appropriate Monitoring Tools

**Managing Windows Server 2008 Backup, Restore, and Recovery**

- Planning and Implementing File Recovery
- Recovering Active Directory
- Troubleshooting Windows Server Startup

**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

