# Kurs-Dokumentation

## Zentrum für Informatik ZFI AG

# Designing and Deploying Messaging Solutions with Microsoft Exchange Server 2010 (B1DD-0311) -IT Ausbildung nach Mass

**http://www.zfi.ch/B1DD-0311**

**Weitere Infos finden Sie unter www.zfi.ch oder via Adresse:**

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| **Titel** | **Designing and Deploying Messaging Solutions with Microsoft Exchange Server** |
| **Untertitel** | **für System-Architekten** |
| **Einleitung** | **Da die Kommunikationswerkzeuge Ihres Unternehmens kosteneffizient und flexibel sein müssen, hilft Ihnen Microsoft Exchange Server 2010, einen neuen Grad an Zuverlässigkeit und Leistung zu erzielen - mit neuen Funktionen, die Verwaltung vereinfachen, Kommunikation schützen und Benutzer begeistern, indem sie ihrem Bedarf nach mehr Mobilität bei ihren geschäftlichen Aktivitäten gerecht werden. Unternehmen, die eine funktionsreiche und produktive Zusammenarbeit fördern möchten, entscheiden sich für Exchange, dem Eckpfeiler der Unified Communications-Lösung von Microsoft. Die neueste Version von Exchange kann Sie dabei unterstützen, Resultate zu verbessern und gleichzeitig die Kosten für Bereitstellung, Administration und Einhaltung von Vorschriften (Compliance) zu senken. Exchange bietet die grösste Palette von Bereitstellungsoptionen, fantastische Benutzerfreundlichkeit sowie integrierte Funktionen zur Vermeidung von Informationslücken und zur Gewährleistung von Compliance. Zusammen bilden diese Funktionen die beste Messaging- und Zusammenarbeitslösung auf dem Markt.Dieses ZFI/Microsoft-Seminar richtet sich an Messaging-Verantwortliche von Unternehmen.** |
| **Ihr Nutzen** | **After completing this course, students will be able to:<br>- Gather the information required to design a messaging system<br>- Design the integration of Exchange Server with the current infrastructure.<br>- Design the deployment of the Mailbox server services in Exchange Server 2010.<br>- Design the Client Access server deployment<br>- Design the Hub Transport server and Edge Transport server deployments.<br>- Plan and deploy messaging security.<br>- Plan and deploy a messaging policy and compliance solution.<br>- Plan a highly available Exchange Server 2010 deployment.<br>- Plan a disaster recovery solution in Exchange Server 2010.<br>- Develop a plan for monitoring and troubleshooting the Exchange Server environment.<br>- Plan and implement a transition from Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010.<br>- Integrate Exchange Server 2010 with other messaging systems and with federated partners** |
| **Vorausetzungen** | **Before attending this course, students must have:<br>- At least two years of experience working with Microsoft Exchange Server<br>- At least six months of experience working with Exchange Server 2010 or Exchange Server 2007.<br>- At least two years of experience administering Windows Server, including Windows Server 2008.<br>- At least two years of experience working with Active Directory Domain Services (AD DS).<br>- At least two years of experience working with name resolution, including Domain Name Service (DNS).<br>- Experience working with certificates, including Public Key** |

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| | **Infrastructure (PKI) certificates.**<br>**- Experience working with Microsoft Windows PowerShell** |
| **Teilnehmerkreis** | **This course is intended for IT professionals who are responsible for the Exchange Server messaging environment in an enterprise. This IT professional is the senior administrator, or "engineer" who acts as a technical lead over a team of administrators. This person is a third level of support in addition to the Exchange Recipient Administrator, which is the first level and the Exchange Server Administrator, which is the second level. In an effort to ensure that end users have the best possible messaging experience, this person also evaluates new technologies and tools.The candidate is responsible for the planning and deployment of the Exchange Servers in an enterprise environment. He or she should have a minimum of two years of experience administering, deploying, managing, monitoring, upgrading, migrating, and designing Exchange Server.** |
| **Unterlagen** | **Original-Microsoft-Kursunterlagen** |
| **Folgekurse** | |
| **Inhalt** | **- Introduction to Designing a Microsoft Exchange Server 2010 Deployment**<br>**- Gathering Business Requirements**<br>**- Identifying Additional Requirements**<br>**- Introduction to Service Level Management**<br>**- Analyzing the Current Messaging Environment**<br><br>**- Designing Microsoft Exchange Server 2010 Integration with the Current Infrastructure**<br>**- Designing the Network Infrastructure**<br>**- Designing the Active Directory Infrastructure**<br>**- Designing the DNS Infrastructure**<br>**- Planning Exchange Server Administration**<br><br>**- Planning and Deploying Mailbox Services**<br>**- Overview of Mailbox Services in Exchange Server 2010**<br>**- Designing Mailbox Servers**<br>**- Designing Recipient Management**<br>**- Designing Public Folder Architecture**<br><br>**- Planning and Deploying Client Access Services in Exchange Server 2010**<br>**- Overview of the Client Access Server Role**<br>**- Designing the Client Access Server Deployment**<br>**- Designing Client Access**<br>**- Designing Client Access Policies**<br><br>**- Planning and Deploying Message Transport in Exchange Server 2010** |

**- Designing Message Routing for Exchange Server 2010**
**- Designing Hub Transport Servers**
**- Designing the Message Routing Perimeter**

**- Planning and Deploying Messaging Security**
**- Designing Message Security**
**- Designing Antivirus and Anti-Spam Solutions**

**- Planning and Deploying Messaging Compliance**
**- Designing Transport Compliance**
**- Designing AD RMS Integration with Exchange Server 2010**
**- Designing Message Journaling and Archiving**
**- Designing Messaging Records Management**

**- Planning and Deploying High Availability**
**- Introduction to High Availability Planning in Exchange Server 2010**
**- Designing High Availability for Mailbox Databases**
**- Designing High Availability for Other Server Roles**
**- Designing Site Resilience**

**- Planning a Disaster Recovery Solution**
**- Planning for Disaster Mitigation**
**- Planning Exchange Server Backup**
**- Planning Exchange Server Recovery**

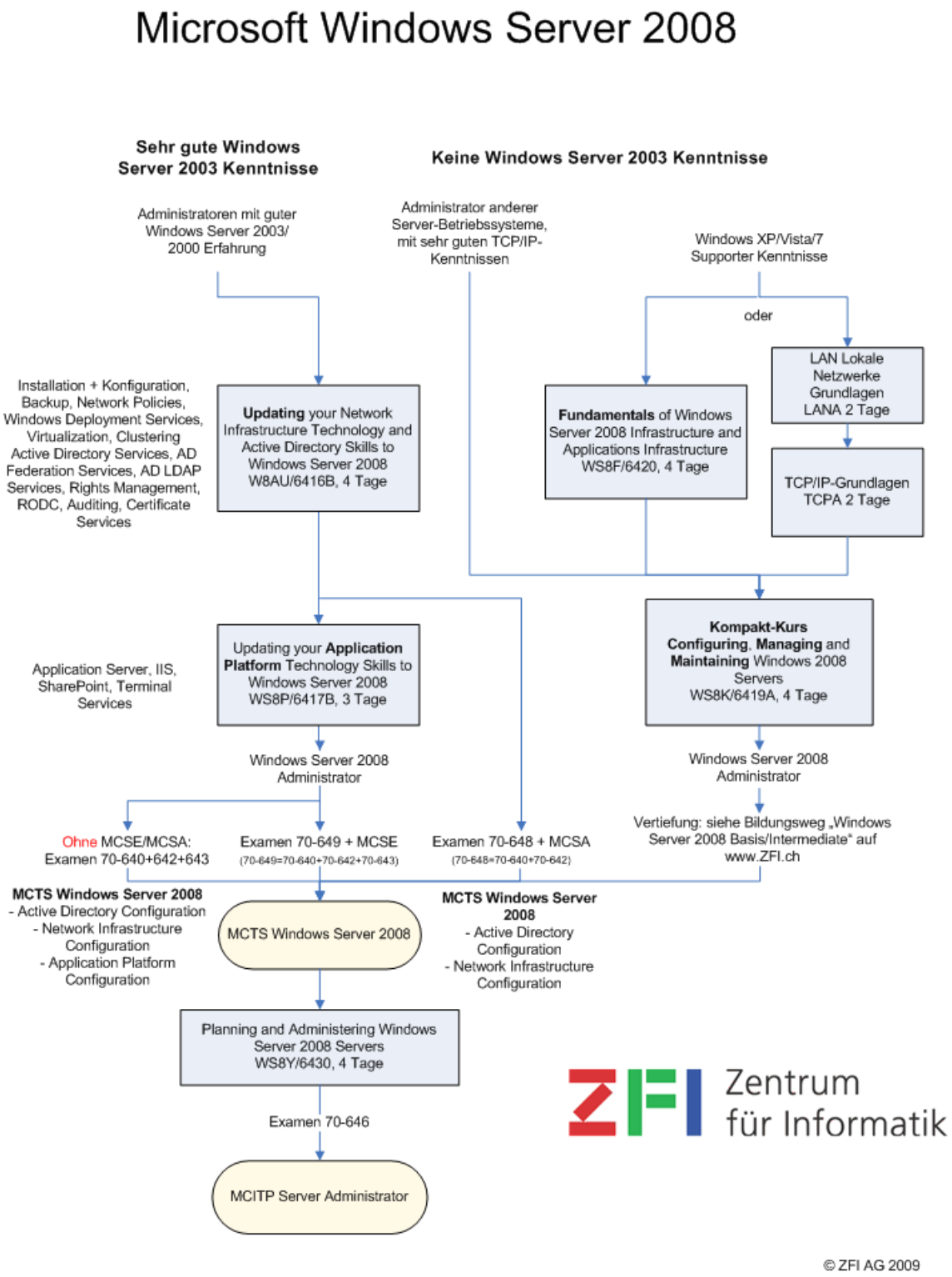
**- Planning Microsoft Exchange Server 2010 Monitoring and Troubleshooting**
**- Planning Exchange Server Monitoring**
**- Planning Exchange Server Troubleshooting**

**- Upgrading to Microsoft Exchange Server 2010**
**- Overview of Upgrading to Exchange Server 2010**
**- Planning the Upgrade from Exchange Server 2003 to Exchange Server 2010**
**- Planning the Upgrade from Exchange Server 2007 to Exchange Server 2010**

**- Integrating Microsoft Exchange Server 2010 with Other Messaging Systems**
**- Designing Exchange Server 2010 Integration with Other Messaging Systems**
**- Designing Exchange Server 2010 Integration with Federated Partners**
**- Designing Exchange Server 2010 Integration with Exchange Online**

**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