

Kurs-Dokumentation



Zentrum für Informatik ZFI AG

**Planning and Designing Microsoft
Virtualization Solutions (VMVS-0112) -IT
Ausbildung nach Mass**

<http://www.zfi.ch/VMVS-0112>

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

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Titel	Planning and Designing Microsoft Virtualization Solutions
Untertitel	
Einleitung	This five-day instructor-led course provides students with the knowledge and skills to design a complex data center and desktop architecture using Microsoft Windows Server 2008 R2 with Hyper-V or Hyper-V Server 2008 R2, Remote Desktop Services (RDS), System Center Suite, Microsoft Enterprise Desktop Virtualization (MED-V), Application Virtualization 4.6 (APP-V), as well as supporting applications and utilities. The information included in this class will provide students with a solid baseline of technology solutions, architecture considerations, and management requirements that can be integrated to build a successful virtualization infrastructure.
Ihr Nutzen	After completing this course, students will be able to: <ul style="list-style-type: none">- Evaluate benefits of implementing virtualization technologies- Understand how virtualization technology can be used to create more flexible and dynamic data center and desktop infrastructures- Understand the selection process for local desktop or central VDI environments- Design virtualization solutions for datacenter and desktop infrastructures- Plan virtualization services such as Hyper-V, RDS, MED-V, and APP-V- Integrate System Center Suite into a virtualization infrastructure to provide an end-to-end management strategy- Understand and plan virtual machine conversion and deployment options- Plan enterprise storage solutions to support virtualization infrastructures- Design high-availability virtualization solutions- Plan an enterprise backup and recovery strategy
Voraussetzungen	Before attending this course, students must have: <ul style="list-style-type: none">- Windows Server 2008 R2 knowledge and experience- Fundamental knowledge of Hyper-V- Fundamental knowledge of Remote Desktop Services (RDS)- Fundamental knowledge of Microsoft Enterprise Desktop Virtualization (MED-V)- Fundamental knowledge of Application Virtualization (APP-V)

	<ul style="list-style-type: none">- Fundamental knowledge of System Center products including System Center Configuration Manager, System Center Operations Manager, System Center Virtual Machine Manager, and System Center Data Protection Manager
Teilnehmerkreis	This course is intended for Infrastructure Architects and Virtualization Specialists who are responsible for designing, deploying, and managing one or more data center or desktop virtualization environments.
Unterlagen	Original-Microsoft-Kursunterlagen
Folgekurse	
Inhalt	<ul style="list-style-type: none">- Planning a Virtualization Strategy- Understanding Virtualization Levels- Defining the Case for Virtualization- Reviewing Virtualization Technologies- Understanding Licensing Options- Reviewing Integration with Third-Party Products - Designing a Virtualization Platform Infrastructure and High-Availability Strategy- Defining Server Virtualization Scenarios- Defining Hyper-V Base Architectures- Performing a Pre-Design Discovery- Designing a Server Virtualization Infrastructure- Designing the Hyper-V Host Architecture- Sizing a Hyper-V Host Farm - Designing a Virtualized Desktop Infrastructure- Defining a Desktop Virtualization Scenarios-- Designing a Local Desktop Infrastructure- Designing a VDI Deployment using Windows Server 2008 R2 Hyper-V and RDS- Designing an Application Strategy using RemoteApp- Designing a VDI Deployment using Windows Server 2008 R2 Hyper-V and Citrix XenDesktop

- Designing an Application Virtualization Infrastructure- Planning an Application Virtualization 4.6 Infrastructure
- Designing an Application Virtualization 4.6 Infrastructure
- Using Application Virtualization 4.6 with System Center Configuration Manager 2007 R2
- Using Application Virtualization 4.6 with RDS

- Designing a Virtualization Infrastructure Management Strategy- Developing a Virtualization Infrastructure Management Environment with the System Center Suite
- Developing a Virtual Machine Deployment Strategy
- Developing a Virtual Machine Conversion Strategy
- Developing an Administrative Strategy
- Developing a Virtual Machine Migration Strategy
- Developing a Disaster Recovery Strategy
- Developing an Maintenance Strategy

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).