



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Sie erreichen uns hier**

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# Migrating Application Workloads to Azure

CODE:	LENGTH:	PRICE:
MCS_WS-050T00	16 Hours (2 days)	CHF1,680.00

## Description

In diesem Workshop lernen Sie, wie vorhandene lokale Workloads und Assets in die Cloud, insbesondere auf die Microsoft Azure-Plattform, migriert werden, wie Sie eine vorhandene lokale Umgebung zur Vorbereitung einer Cloud-Migration bewerten.

Weitere Themen sind zb wie Sie Ihre Azure-basierten Workloads überwachen und optimieren können, um den Return on Investment (ROI) zu maximieren, und Azure-Dienste zum Schutz und zur Verwaltung Ihrer virtuellen Maschinen, Anwendungen und Daten verwenden.

### Nach Abschluss diese Seminars haben die Teilnehmer Kenntnisse zu diesen Themen aufgebaut:

- Articulate the key business and technical drivers leading to a cloud migration.
- Identify the tools and services specific to each phase of the migration.
- Discover and assess on-premises workloads for migration to Azure.
- Obtain deeper profiling of an environment using app dependency mapping and assessment customizations
- Perform an end-to-end migration of on-premises workloads to Azure using Azure Site Recovery.
- Replicate data from an on-premises datacenter to Azure or to a secondary site.
- Migrate data from existing data sources to Azure data platforms using the Azure Database Migration S
- Secure and manage migrated workloads using Azure Security Center, Azure Backup, and Azure Log Analyt
- Ensure an effective business continuity strategy that includes high availability, disaster recovery
- Back up and protect Azure IaaS virtual machines from any location using the Azure Backup Service.
- Define a recovery plan to ensure virtual machines can fail over properly before running a full failo

## Audience

### Dieses Seminar richtet sich an:

IT Administratoren und Mitarbeiter, die Migrationen lokaler Ressourcen nach Azure planen, implementieren und verwalten oder virtuelle Azure-Maschinen auf andere Azure-Standorte replizieren müssen.

## Programme

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## Vorkenntnisse

## Schwerpunkte

### Module 1: Planning and Assessing and Azure Migration

In this module, you'll learn about the key business and technical drivers leading to a cloud migration, the phases of an Azure migration and tools and services used for each phase. You will learn how to discover and assess your on-premises environments in preparation to migrate the appropriate workloads to Azure.

Lessons

- Cloud Migration – Business Motivations, Goals and Outcomes
- Discovery and Assessment

Lab : Discover and Assess On-Premises Resources for Migration

### **Module 2: Implementing a Migration (Azure Site Recovery)**

In this module, you'll learn how to prepare the on-premises infrastructure and the Azure components ahead of the planned migration. You'll also learn how to perform and end to end migration using Azure Site Recovery.

Lessons

- Overview of Azure Site Recovery
- ASR Migration – End to End
- Securing Migrated Workloads – Microsoft Recommendations
- Datacenter Migration using Migration Factory

Lab : Replicate Virtual Machines to Azure

### **Module 3: Introduction to Data Migration**

In this module, you'll learn about solutions you can use when you need to securely send terabytes of data to Azure. You will learn about the Azure Data Box family of products with both online and offline transfer options. You will then learn about migrating an on-premises SQL Server 2008R2 database to Azure SQL Database Managed Instance (MI), using the Azure Database Migration Service (DMS).

Lessons

- Azure Data Box
- Database Migration

Lab : Migrate On-Premises SQL Server Database to Azure SQL Managed Instance

### **Module 4: Backup and Disaster Recovery in Azure**

In this module, you'll learn about the key components of a business continuity strategy and what is required for a highly available solution. You will also learn how to implement Azure IaaS virtual machine back up using the Azure Backup service. Additionally, you will learn how to replicate Azure VMs to any other Azure location using Azure Site Recovery.

Lessons

- Azure Backup Overview
- Implementing Azure IaaS Backup
- Azure to Azure Site Recovery
- Application Disaster Recovery

## **Further Information**

- Durchführung in Kooperation mit Arrow ECS Österreich und ETC
- Für Produkte, die mit Fremdwährung berechnet werden, behalten wir uns das Recht vor, die Preise bei Währungsschwankungen anzupassen.

## **Session Dates**

Auf Anfrage. Bitte [kontaktieren Sie uns](#)

## **Zusätzliche Information**

[Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.](#)