

## Azure DevOps Crash Course

 Duration: 1 Days

 Available Languages: English German

### Audience

Software Engineers, DevOps Engineers.

### Precondition

Basic knowledge of cloud computing.

### Goals

Learn Azure concepts and its usage in building cloud applications.

### Contents

- Overview of Cloud Computing
- Architecture of Cloud Computing
- Introduction to Microsoft Azure
  - Azure Concepts
  - Azure Services
  - Azure Account
  - Azure Portal
- Azure Cloud Services
  - Azure as PaaS
  - Azure as IaaS
- Azure Components
  - Compute / Execution Models
  - Data Management
  - Networking
  - Big Data and Big Compute
  - Messaging and Caching
  - Identity and Access
  - Mobile Service
  - Backup
  - SDK and Tools
    - Installing the SDK
- Azure Virtual Machines
- Azure Virtual Networks
- Building Cloud Solutions with Azure
- Deploying Application on Azure
  - Using Azure Management Portal
  - Setting up Publish from Visual Studio

- Azure Storage Overview
  - Storage Emulator
  - Storage Client API
  - Using Tables
  - Message Queues
  - Blob Storage
  - Managing Data to Azure Storage
- Working with the Azure SQL Database
- Scalability
- Security
  - Create an Active Directory
  - Mapping a Custom Domain
  - Creating Users
  - Integrating with Azure Active Directory
  - Integrating On-premise Active Directory

## Booking

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