Microsoft Azure workshop (Level 300)

Varighed: 2 Days   Kursus Kode: MSAZURE

Beskrivelse:

Workshop focusing on Microsoft Azure for IT Professionals. Main focus will be on Infrastructure-as-a-Service, but Platform-as-a-Service, as well as individual services like storage and directory, will be covered. Suitable for intermediary to highly skilled participants.

Forudsætninger:

For maximum benefit, we recommend the participants have the following pre-requisites:

■ Thorough understanding of server operating systems, storage, virtualization and networking.
■ Basic knowledge of cloud computing concepts and terminology.
■ A current Microsoft Azure subscription; trial or other that can be used during the class to deploy services.
■ A Microsoft Account (formerly Live ID)

Indhold:

Module 1: Microsoft Azure Introduction

- Introduction to Microsoft Cloud OS
- Introduction to Microsoft Azure
- Microsoft Azure components
- Subscription management
- Billing and pricing
- Authentication and Management Certificates
- Best practice

Lab: no lab

Module 2: Microsoft Azure Virtual Machines

- Microsoft Azure VM introduction
- Provisioning VMs in Microsoft Azure
- Performance considerations
- High availability in Azure VMs
- VM Extensions
- Azure Storage and Azure Files

Lab: Deploy VMs in Microsoft Azure

Module 3: Microsoft Azure Networking

- Introduction to Microsoft Azure Virtual Networks
- Virtual Network design
- Cloud Service endpoint
- Internal/external load balancing
- Virtual Network Gateway
- Site-2-Site and Point-2-Site VPN
- ExpressRoute
- Hybrid scenarios

Lab: Design and deploy virtual network, deploy VMs to network

Module 4: Running specific workloads in Microsoft Azure

- Active Directory domain controllers
- SharePoint
- SQL Server
- Remote Desktop Session Hosts
- RemoteApp
- Hybrid Scenarios
- Best practice

Lab: Deploy domain controllers on virtual network

Module 5: Azure Active Directory

- Introduction to Azure Active Directory (AAD) and cloud based identity
- Provisioning SaaS applications with AAD
- Co-existence on-premises Active Directory and AAD
- Synchronization and federation
- Multi-Factor Authentication
- Reporting

Lab: Deploy directory synchronization VM and set up integration with local directory

Module 6: Microsoft Azure Disaster Recovery

- Microsoft Azure Recovery Vaults (backup)
- Azure Site Recovery Manager
- Best practice

Lab: no lab, but demo

Module 7: Microsoft Azure PowerShell

- Microsoft Azure PowerShell module and console set up
- Authentication
- Scripting

Lab: Set up PowerShell for use with Microsoft Azure, provision services with PowerShell

Module 8: Microsoft Azure Orchestration

- Microsoft Azure Auto scale
- Microsoft Azure Automation
- System Center Orchestrator and Microsoft Azure

Lab: Configuring Auto Scale and Azure Automation

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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