SAP Implementation and Administration in the Microsoft Azure Cloud

Duration: 5 Days **Course Code: AD610** **Delivery Method: Virtual Learning**

Overview:

This course offers fundamental knowledge for the administration of SAP NetWeaver and SAP HANA on Microsoft Azure.
You will learn in detail how to implement basic infrastructure components such as virtual networks, virtual machines, storage etc. for the installation and administration of SAP NetWeaver and SAP HANA systems in the Microsoft Azure Cloud.
The SAP best practices will be used to set up individual training environments to demonstrate the possibilities and limitations of the SAP software on Microsoft Azure.

Target Audience:

SAP architects and administrators who want to deploy and manage SAP applications for test and productive environments on Microsoft Azure

Objectives:

- You will learn how to implement basic infrastructure components such as virtual networks, virtual machines, storage etc. for the installation and administration of SAP NetWeaver and SAP HANA systems in the Microsoft Azure Cloud.

Prerequisites:

In order to be able to take full advantage and practice the exercises, we kindly ask you to bring your laptop to this training.

It is essential that you have attended or have equivalent knowledge of course ADM100, HA200 and LM300. Some knowledge of IP networking, Active Directory and Windows OS is recommended.

Content:

Introduction to Microsoft Azure

Implementation and management of Microsoft Azure networking

- Overview
- Network security groups
- Implementation of Site-To-Site Network connections
- Overview ExpressRoute

Implementation and management of virtual machines

- Planning
- Overview, implementation and configuration of Active Directory services
- Sizing of VMs
- Microsoft Azure Storage
- Certificated VMs for SAP NetWeaver and SAP HANA

Management and monitoring of VMs

- Configuration of Microsoft Azure VMs
- Monitoring Microsoft Azure VMs
- Functional overview of the Microsoft Operations Management Suite

Role-based administration in Microsoft Azure

SAP Infrastructure and architecture in Microsoft Azure

- Overview SAP NetWeaver and SAP HANA architecture
- SAP NetWeaver Central System vs. Distributed System Layout
- Creation of Microsoft Azure VM Templates for SAP systems
- Windows Failover Cluster and Load Balancers in Microsoft Azure
- Scaling Microsoft Azure VMs

Microsoft Azure Active Directory Integration and Single-Sign On

- Integration with SAP Cloud
- AAD Integration with SAP NetWeaver and SAP HANA VMs

Implementing and management of SAP VMs in Microsoft Azure

- Requirements
- Implementation
- Microsoft Azure Storage options and Best Practices
- Managed Disks
- Basics for sizing SAP workloads in Microsoft Azure

Migrating SAP VMs to Microsoft Azure

Backup and Disaster Recovery from SAP VMs in Microsoft Azure

Introduction to PowerBI Data Visualization for SAP in Microsoft Azure

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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