Planning and Administering Microsoft Azure for SAP Workloads (AZ-120)

Duration: 3 Days **Course Code: M-AZ120** **Delivery Method: Virtual Learning**

Overview:

This course teaches IT Professionals experienced in SAP solutions how to leverage Azure resources that include deployment and configuration of virtual machines, virtual networks, storage accounts, and Azure AD that includes implementing and managing hybrid identities. Students of this course will learn through concepts, scenarios, procedures, and hands-on labs how to best plan and implement migration and operation of an SAP solution on Azure. Your will receive guidance on subscriptions, create and scale virtual machines, implement storage solutions, configure virtual networking, back up and share data, connect Azure and on-premises sites, manage network traffic, implement Azure Active Directory, secure identities, and monitor your solution.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This course is for Azure Administrators who migrate and manage SAP solutions on Azure. Azure Administrators manage the cloud services that span storage, networking, and compute cloud capabilities, with a deep understanding of each service across the full IT lifecycle. They take end-user requests for new cloud applications and make recommendations on services to use for optimal performance and scale, as well as provision, size, monitor and adjust as appropriate. This role requires communicating and coordinating with vendors. Azure Administrators use the Azure Portal and as they become more proficient they use PowerShell and the Command Line Interface.

Objectives:

- Explore Azure for SAP workloads
- Explore the foundations of IaaS for SAP on Azure
- Explore the foundations of identity and governance for SAP on Azure
- Deploy SAP on Azure
- Ensure business continuity and implement disaster recovery for SAP solutions on Azure
- Migrate SAP workloads to Azure
- Monitor and troubleshoot Azure for SAP workloads

Prerequisites:

Before taking this training, you should complete the Azure Administrator (AZ-104) or Azure Solutions Architect Expert (AZ-305) exam, and SAP HANA or NetWeaver training.

Testing and Certification

- Microsoft Certified: Azure for SAP Workloads Specialty

Content:

Explore Azure for SAP workloads

- Explore Azure for SAP workloads
- Discover common terms and meanings for SAP on Azure
- Identify SAP-certified configurations
- Examine SAP NetWeaver with AnyDB on Azure virtual machines
- Examine SAP S/4HANA on Azure virtual machines

Explore the foundations of IaaS for SAP on Azure

- Explore Azure for SAP compute
- Explore Azure for SAP networking
- Explore Azure for SAP storage
- Explore Azure for SAP databases
- Explore Azure networking for SAP RISE

Explore the foundations of identity and governance for SAP on Azure

- Explore identity services for SAP on Azure
- Explore remote management for SAP on Azure
- Explore governance and manageability for SAP on Azure

Deploy SAP on Azure

- Deploy single-instance implementations of SAP on Azure (2-tier and 3-tier)
- Implement high availability in SAP NetWeaver with AnyDB on Azure virtual machines
- Explore Azure Center for SAP solutions

Ensure business continuity and implement disaster recovery for SAP solutions on Azure

- Implement high availability for SAP workloads in Azure
- Implement disaster recovery for SAP workloads in Azure
- Perform backups and restores for SAP workloads on Azure

Migrate SAP workloads to Azure

- Use the planning and deployment checklist for SAP workloads on Azure
- Explore migration options for SAP on Azure
- Migrate very large databases (VLDB) to Azure for SAP

Monitor and troubleshoot Azure for SAP workloads

- Explore monitoring requirements of Azure for SAP workloads
- Configure the Azure Enhanced Monitoring Extension for SAP
- Explore licensing, pricing, and support for SAP on Azure virtual machines

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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