

Training: Microsoft

AZ-120T00 Planning and Administering Microsoft Azure for SAP Workloads

TRAINING GOALS:

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. You 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.

Skills gained:

- Migrate and SAP HANA, S/4HANA, SAP NetWeaver to Azure
- Leverage Azure Portal, Cloud Shell, Azure PowerShell, CLI, and Resource Manager
- Use intersite connectivity features including VNet Peering and VNet-to-VNet connections
- Work with Azure Active Directory (AAD) and Azure AD Connect

Audience profile:

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.

CONSPECT:

- Introduction to Azure for SAP workloads
- Foundations of Azure for SAP workloads
- SAP certified offerings on Azure
- Azure for SAP workloads reference architecture
- Planning for Implementing SAP Solutions on Azure
- Planning for Migrating SAP Workloads to Azure

- Implementing Azure VM-based SAP Solutions
- SAP HANA on Azure (Large Instances) (HLI)
- Migrating SAP workloads to Azure
- Maintaining Azure for SAP workloads
- Monitoring and troubleshooting Azure for SAP workloads

REQUIREMENTS:

Students should possess a solid knowledge around implementing, migrating and administering SAP Applications with prior experience on Linux operating systems, virtualization, cloud infrastructure, storage structures, and networking. Specifically:

Prerequisite Experience:

- Hands-on experience with Azure IaaS and PaaS solutions, including VM, VNet, Load Balancers, Storage (Blob, Files, Disks).
- Understanding of on-premises and cloud virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
- Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts
- Experience with Linux/Unix environments.
- Solid knowledge of SAP Applications, SAP HANA, S/4HANA, SAP NetWeaver, SAP BW, OS Servers for SAP Applications and Databases.
- Understanding of SAP HANA deployment and configuration.
- Hands-on experience with SAP HANA administration
- AZ-900 Azure Fundamentals
- AZ-104 Azure Administrator

Difficulty level



CERTIFICATE:

Certificate of completing an authorized Microsoft training.

TRAINER:

Microsoft Certified Trainer.