

# AZ-120: Planning and Administering Microsoft Azure for SAP Workloads

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Lisboa
- **Data:** 26 Set. 2022 a 29 Set. 2022
- **Preço:** 1580€
- **Horário:** Laboral - das 9h00 às 17h00
- **Duração:** 28 horas

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.

## Destinatários

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.

## Pré-requisitos

Before attending this course, students should have:

- 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.
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## Objetivos

- Prepare for Exam AZ-120: Planning and Administering Microsoft Azure for SAP Workloads
  - Understand how to leverage Azure resources that include virtual machines, virtual networks, storage accounts, and Azure AD
  - Identity and management for SAP workloads on Azure
  - Explore the preparation for deployment of SAP solutions on Azure, including single-instance SAP HANA and SAP NetWeaver high availability AnyDB deployments
  - Explore high availability, disaster recovery, and backup and restore of SAP workloads on Azure
  - Explore migration of SAP workloads to Azure, including very large databases over 20 TB
  - Explore monitoring Azure on SAP, and Azure virtual machine licensing, pricing, and support
  - Explore the unique requirements for architecture, planning, migration, and run, monitor, and support of HANA Large Instances
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## Programa

### **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 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

### **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

### **Explore SAP HANA on Azure (Large Instances)**

- Identify SAP HANA on Azure (Large Instances) certified offerings
- Examine SAP HANA on Azure (Large Instances) sample architecture
- Plan SAP HANA on Azure (Large Instances) deployments
- Plan SAP HANA on Azure (Large Instances) high availability and disaster recovery
- Examine backup security licensing and support considerations for SAP HANA on Azure (Large Instances)
- Implement and deploy SAP HANA on Azure (Large Instances)
- Manage SAP HANA on Azure (Large Instances)
- Monitor and troubleshoot SAP HANA on Azure (Large Instances)
- Implement business continuity, disaster recovery, and backup for SAP HANA on Azure (Large Instances)

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Ao concluir com aproveitamento esta formação, cumprindo a percentagem mínima de 70% de assiduidade e após avaliação ao curso, o formando poderá receber o seu Certificado Microsoft de conclusão e o badge digital para partilhar com a sua rede profissional online.