



# Administer Windows Server Hybrid Core Infrastructure (AZ-800T00)

ID AZ-800T00 Price CHF 3,380.—(excl. VAT) Duration 4 days

#### Who should attend

This four-day course is intended for Windows Server Hybrid Administrators who have experience working with Windows Server and want to extend the capabilities of their on-premises environments by combining on-premises and hybrid technologies. Windows Server Hybrid Administrators implement and manage on-premises and hybrid solutions such as identity, management, compute, networking, and storage in a Windows Server hybrid environment.

#### This course is part of the following Certifications

Microsoft Certified: Windows Server Hybrid Administrator Associate (MCWSHAA)

### **Prerequisites**

Before attending this course, students must have:

- Experience with managing Windows Server operating system and Windows Server workloads in on-premises scenarios, including AD DS, DNS, DFS, Hyper-V, and File and Storage Services
- Experience with common Windows Server management tools (implied in the first prerequisite).
- Basic knowledge of core Microsoft compute, storage, networking, and virtualization technologies (implied in the first prerequisite).
- Experience and an understanding of core networking technologies such as IP addressing, name resolution, and Dynamic Host Configuration Protocol (DHCP)
- Experience working with and an understanding of Microsoft Hyper-V and basic server virtualization concepts
- Basic experience with implementing and managing laaS services in Microsoft Azure
- Basic knowledge of Azure Active Directory
- Experience working hands-on with Windows client operating systems such as Windows 10 or Windows 11
- · Basic experience with Windows PowerShell

#### **Course Objectives**

- Use administrative techniques and tools in Windows Server
- Identify tools used to implement hybrid solutions, including Windows Admin Center and PowerShell.
- Implement identity services in Windows Server.
- Implement identity in hybrid scenarios, including Azure AD DS on Azure laaS and managed AD DS.
- Integrate Azure AD DS with Azure AD.
- · Manage network infrastructure services.
- Deploy Azure VMs running Windows Server, and configure networking and storage.
- Administer and manage Windows Server laaS Virtual Machine remotely.
- Manage and maintain Azure VMs running Windows Server.
- Configure file servers and storage.
- Implement File Services in hybrid scenarios, using Azure Files and Azure File Sync.

#### **Course Content**

- Identity services in Windows Server
- Implementing identity in hybrid scenarios
- Windows Server administration
- Facilitating hybrid management
- · Hyper-V virtualization in Windows Server
- Deploying and configuring Azure VMs
- · Network infrastructure services in Windows Server
- Implementing hybrid networking infrastructure
- File servers and storage management in Windows Server
- · Implementing a hybrid file server infrastructure

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# **Training Centres worldwide**





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