

AZ-800T00: Administer Windows Server Hybrid Core Infrastructure



Days: 4

Prerequisites/Audience: 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.

Description: This course teaches IT Professionals how to manage core Windows Server workloads and services using on-premises, hybrid, and cloud technologies. The course teaches IT Professionals how to implement and manage on-premises and hybrid solutions such as identity, management, compute, networking, and storage in a Windows Server hybrid environment.

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 IaaS 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 IaaS 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.

OUTLINE:

MODULE 1: DEPLOY AND MANAGE IDENTITY INFRASTRUCTURE

MODULE 2: MANAGE WINDOWS SERVERS AND WORKLOADS IN A HYBRID ENVIRONMENT

MODULE 3: MANAGE VIRTUALIZATION AND CONTAINERS IN A HYBRID ENVIRONMENT

MODULE 4: IMPLEMENT AND OPERATE AN ON-PREMISES AND HYBRID NETWORKING INFRASTRUCTURE

MODULE 5: CONFIGURE STORAGE AND FILE SERVICES