

AZ-801T00-A (CONFIGURING WINDOWS SERVER HYBRID ADVANCED SERVICES) 2022

Objetivo

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Público Alvo

Audience Profile 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 who already implement and manage on-premises core technologies want to secure and protect their environments, migrate virtual and physical workloads to Azure IaaS, enable a highly available, fully redundant environment, and perform monitoring and troubleshooting.

Pré-requisitos

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
- An awareness of basic security best practices
- Basic understanding of security-related technologies (firewalls, encryption, multi-factor authentication, SIEM/SOAR).
- Basic knowledge of on-premises resiliency Windows Server-based compute and storage technologies (Failover Clustering, Storage Spaces).
- Basic experience with implementing and managing IaaS 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
- An understanding of the following concepts as related to Windows Server technologies:
 - High availability and disaster recovery
 - Automation
 - Monitoring
 - Troubleshooting

Carga Horária

32 horas (4 dias).

Conteúdo Programático

Course outline

- Module 1: Secure Windows Server on-premises and hybrid infrastructures
- Module 2: Implement Windows Server high availability
- Module 3: Implement disaster recovery in Windows Server on-premises and hybrid environments
- Module 4: Migrate servers and workloads in on-premises and hybrid environments
- Module 5: Monitor and troubleshoot Windows Server environments