

# MAZR-21 - MOC AZ-800T00 - ADMINISTERING WINDOWS SERVER HYBRID CORE INFRASTRUCTURE

Categoria: **Azure**

## INFORMAZIONI SUL CORSO



Durata:  
**4 Giorni**



Categoria:  
**Azure**



Qualifica Istruttore:  
**Microsoft Certified  
Trainer**



Dedicato a:  
**Professionista IT**



Produttore:  
**Microsoft**

## OBIETTIVI

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.

## PREREQUISITI

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 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

## CONTENUTI

**Introduction to AD DS**

**Manage AD DS domain controllers and FSMO roles**

**Implement Group Policy Objects**

Manage advanced features of AD DS

Implement hybrid identity with Windows Server

Deploy and manage Azure IaaS Active Directory domain controllers in Azure

Perform Windows Server secure administration

Describe Windows Server administration tools

Perform post-installation configuration of Windows Server

Just Enough Administration in Windows Server

Administer and manage Windows Server IaaS Virtual Machine remotely

Manage hybrid workloads with Azure Arc

Configure and manage Hyper-V

Configure and manage Hyper-V virtual machines

Secure Hyper-V workloads

Run containers on Windows Server

Orchestrate containers on Windows Server using Kubernetes

Plan and deploy Windows Server IaaS Virtual Machines

Customize Windows Server IaaS Virtual Machine images

Automate the configuration of Windows Server IaaS Virtual Machines

Deploy and manage DHCP

Implement Windows Server DNS

Implement IP Address Management

Implement remote access

Implement hybrid network infrastructure

Implement DNS for Windows Server IaaS VMs

Implement Windows Server IaaS VM IP addressing and routing

Manage Windows Server file servers

Implement Storage Spaces and Storage Spaces Direct

Implement Windows Server Data Deduplication

Implement Windows Server iSCSI

Implement Windows Server Storage Replica

Implement a hybrid file server infrastructure

## INFO

**Esame:** AZ-800 - Administering Windows Server Hybrid Core Infrastructure

**Materiale didattico:** Materiale didattico ufficiale Microsoft in formato digitale

**Costo materiale didattico:** incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)