



## AZ-800T00 - Administering Windows Server Hybrid Core Infrastructure

Microsoft - Windows Server Hybrid - Sistemistica

Durata:

**4 Giorni**

Lingue:

**Italiano**

Certificazione:

**Microsoft Certified: Windows Server Hybrid Administrator Associate**

### Descrizione del corso

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. This course is preparatory to Exam AZ-800: Administering Windows Server Hybrid Core Infrastructure valid for Microsoft Certified: Windows Server Hybrid Administrator Associate. To get the certification Microsoft Certified: Windows Server Hybrid Administrator Associate you have to pass both the exams AZ-800 and Exam AZ-801: Configuring Windows Server Hybrid Advanced Services.

### Programma

#### Module 1: Identity services in Windows Server

- Introduction to AD DS
- Manage AD DS domain controllers and FSMO roles
- Implement Group Policy Objects
- Manage advanced features of AD DS

#### Module 2: Implementing identity in hybrid scenarios

- Implement hybrid identity with Windows Server
- Deploy and manage Azure IaaS Active Directory domain controllers in Azure

#### ITCore Group

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### **Module 3: Windows Server administration**

- Perform Windows Server secure administration
- Describe Windows Server administration tools
- Perform post-installation configuration of Windows Server
- Just Enough Administration in Windows Server

### **Module 4: Facilitating hybrid management**

- Administer and manage Windows Server IaaS virtual machines remotely
- Manage hybrid workloads with Azure Arc

### **Module 5: Hyper-V virtualization in Windows Server**

- 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

### **Module 6: Deploying and configuring Azure VMs**

- Plan and deploy Windows Server IaaS virtual machines
- Customize Windows Server IaaS virtual machine images
- Automate the configuration of Windows Server IaaS virtual machines

### **Module 7: Network infrastructure services in Windows Server**

- Deploy and manage DHCP
- Implement Windows Server DNS
- Implement IP address management
- Implement remote access

### **Module 8: Implementing hybrid networking infrastructure**

- Implement hybrid network infrastructure
- Implement DNS for Windows Server IaaS VMs
- Implement Windows Server IaaS VM IP addressing and routing

### **Module 9: File servers and storage management in Windows Server**

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- 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

### **Module 10: Implementing a hybrid file server infrastructure**

- Overview of Azure file services
- Implementing Azure File Sync

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