



Course AZ-800T00

## Administering Windows Server Hybrid Core Infrastructure

Course Length : 32 Hours  
Professional Series : 4 Day  
Academic Series : 6 Weeks

### 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

- ### 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
- 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

