

# MICROSOFT SERVER-2016

Server is a device which ensure the policy, rules and infrastructure of data management. Server manage the uers and groups . Microsoft is a most leading GUI based OS development company world wide availability os Windows os is 80 %. Windows Server offers ease of management through its interface. The Windows Sever web hosting environment supports major Web programming languages and databases such as PHP, MySQL, ASP.NET and MS SQL.

- Installing, upgrading, and migrating servers and workloads
- Configuring local storage
- Implementing enterprise storage solutions
- Implementing Storage Spaces and Data Deduplication
- Installing and configuring Hyper-V and virtual machines
- Deploying and managing Windows Server and Hyper-V containers
- Overview of high availability
- Disaster recovery
- Implementing and managing failover clustering
- Implementing failover clustering for Hyper-V virtual machines
- Implementing Network Load Balancing
- Creating and managing deployment images
- Managing, monitoring, and maintaining virtual machine installations
- Planning and implementing an IPv4 network
- Implementing DHCP
- Implementing IPv6
- Implementing DNS
- Implementing and managing IPAM
- Remote access in Windows Server 2016
- Implementing Direct Access
- Implementing VPNs
- Implementing networking for branch offices
- Configuring advanced networking features
- Implementing Software Defined Networking

- **Installing and configuring domain controllers**
- **Managing objects in AD DS**
- **Advanced AD DS infrastructure management**
- **Implementing and administering AD DS sites and replication**
- **Implementing Group Policy**
- **Managing user settings with Group Policy**
- **Securing Active Directory Domain Services**
- **Deploying and managing AD CS**
- **Deploying and managing certificates**
- **Implementing and administering AD FS**
- **Implementing and administering AD RMS**
- **Implementing AD DS synchronization with Microsoft Azure AD**
- **Monitoring, managing, and recovering AD DS**

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