

Windows Server

Installation, Storage, and Compute*r*

with Windows Server

1. What two options are provided in the type of installation window during Windows Server 2016 installation?

A: 1- Upgrade

2- Custom

2. Write the step How to configure server step by step?

A:

* Login to the Server
* Open Server Manager
* Configure Network Settings
* Set Computer Name and Join Domain
* Configure Windows Updates
* Configure Firewall and Security
* Install Roles and Features
* Set Up Backup
* Create and Manage Users
* Verify Configuration

*3.* What are the Pre installation tasks?

*A:*

* Verify Hardware Requirements
* Check Compatibility
* Backup Existing Data
* Prepare Installation Media
* Configure BIOS/UEFI Settings
* Ensure Access to Installation Media
* Verify Licensing

4. What are the Post installation tasks?

* + Complete Initial Configuration
  + Configure Network Settings
  + Set Computer Name and Join Domain
  + Activate Windows Server
  + *Install* Windows Updates
  + Configure Firewall and Security
  + Install Roles and Features
  + Set Up Backup
  + Create and Manage Users
  + Configure Remote Access
  + Verify Configuration

5. What is the standard upgrade path for Windows Server?*A:* Windows Server 20*12 to* Windows Server 20*16*

Windows Server 20*16 to* Windows Server 20*19*

Windows Server 20*19 to* Windows Server 20*22*

6. What is the Physical structure of AD?

A:

* Domain Controllers (DCs)
* Sites and Subnets
* Active Directory Database
* Replication
* DNS (Domain Name System)
* Sites and Services
* Backup and Recovery Infrastructure
* Networking Infrastructure

7. What is the Logical components of Active Directory

A:

* Domain
* Forest
* Organizational Units (OUs)
* Active Directory Sites
* Schema
* Group Policy Objects (GPOs)
* Trusts
* Roles and Services (FSMO roles)

8. What is the Full form of LDAP?

A: Lightweight Directory Access Protocol

9. What is the location of the AD database?

A: C:\Windows\NTDS\ntds.dit

10. What is child DC?

A: A child Domain Controller is a server that manages a child domain in Active Directory. It handles authentication and directory services for that specific subdomain, which is part of a larger parent domain.

11. Explain the term forest in AD

A: A forest is the top-level container that holds one or more domains. It provides a common schema and global catalog for all domains, and allows seamless trust and access between them.

12. What is Active Directory? Check all that apply.

A:

● A Windows-only implementation of a directory server

● Microsoft's implementation of a directory server

● An LDAP-compatible directory server

13. When you create an Active Directory domain, what's the name of the default user account?

A: Administrator

14. AD domain provides which of the following advantages? Check all that apply.

A:

● Centralized authentication

● Centralized management with GPOs

● More detailed logging

15. What are the minimum hardware requirements for installing Windows Server 2016?

A:

Processor: 1.4 GHz 64-bit processor

RAM: 512 MB

Disk Space: 32 GB

16. Explain the different editions of Windows Server 2016 and their features.

A:

Windows Server 2016 Essentials

Windows Server 2016 Standard

Windows Server 2016 Datacenter

17. Walk through the steps of installing Windows Server 2016 using GUI mode.

A:

* Prepare Installation Media
* Start Installation
* Enter Product Key
* Select Installation Type
* Install Windows Server
* Initial Configuration
* Log In

18. Explain the process of promoting a Windows Server to a domain controller.

A:

1. Open Server Manager
2. Add Roles and Features
3. Role-Based Installation
4. Select Server
5. Select Server Roles
6. Confirm Selections
7. Promote to Domain Controller
8. Deployment Configuration
9. Domain Controller Options
10. Additional Options
11. Review and Install
12. Restart Server

19. How do you create a new Active Directory user account in Windows Server?

A:

1. Open Active Directory Users and Computers
2. Navigate to the Appropriate Organizational Unit (OU)
3. Create a New User
4. Enter User Information
5. Set Password
6. Review and Finish

20. Explain the process of creating and managing Group Policy Objects (GPOs) in Windows Server 2016 or 2019.

A:

1. Open Group Policy Management Console
2. Create a New GPO
3. Edit the GPO
4. Link the GPO
5. Manage and update the GPO
6. Test the GPO

21. What are Organizational Units (OUs) in Active Directory, and how do you use them?

A: Organizational Units (OUs) in Active Directory are containers for grouping users, computers, and groups.

Usage: Organize Objects, Apply Group Policies, Simplify Management

22. Describe the process of delegating administrative privileges in Active Directory.

A:

* Open Active Directory Users and Computers
* Select the OU
* Choose Delegate Control
* Add Users or Groups
* Select Tasks to Delegate
* Review and Finish