

Why Windows Server 2022 Administrator Certifications ?

In This Learning Path you will Learn All about Microsoft windows server from Beginner Level To PowerShell Automation and Windows server Hybrid.

Audience Profile :

- This course is intended for IT professionals who have some experience working with Windows Server, and who are looking for a single five-day course that covers storage and compute technologies in Windows Server.
- This course will help them update their knowledge and skills related to storage and compute for Windows Server.
- Windows Server administrators who are relatively new to Windows Server administration and related technologies, and who want to learn more about the storage and compute features in Windows Server.
- IT professionals with general IT knowledge who are looking to gain knowledge about Windows Server especially around storage and compute technologies in Windows Server.

Prerequisites:

- A basic understanding of networking fundamentals.



Course Overview:

- Learn virtualization, storage, networking, and information protection capabilities of Windows Server to deliver global-scale cloud services into your infrastructure.
- Prove your mastery of the primary set of Windows Server skills required to reduce IT costs and deliver more business value.
- In This Learning Path you will Learn All about Microsoft windows server from Beginner Level To PowerShell Automation and Windows server Hybrid.
- The Training Courses in This Learning Path is listed in the order you should learn. you will go through SQL and document-based Database.

In this Learning path

1. **Installation, Storage, Compute Windows Server**
2. **Networking with Windows Server**
3. **Identity with Windows Server**

Installation, Storage, Compute Windows Server Outline:

- Module 1: Installing, upgrading, and migrating servers and workloads.
- Module 2: Configuring local storage.
- Module 3: Implementing enterprise storage solutions.
- Module 4: Implementing Storage Spaces and Data Deduplication.
- Module 5: Installing and configuring Hyper-V and virtual machines.
- Module 6: Deploying and managing Windows and Hyper-V containers.
- Module 7: Overview of high availability and disaster recovery.
- Module 8: Implementing failover clustering.
- Module 9: Implementing failover clustering with Windows Server Hyper-V.
- Module 10: Implementing Network Load Balancing.
- Module 11: Creating and managing deployment images.
- Module 12: Managing, monitoring, and maintaining virtual machine installations.

Networking with Windows Server Outline:

- Module 1: Planning and implementing an IPv4 network
- Module 2: Implementing DHCP
- Module 3: Implementing IPv6
- Module 4: Implementing DNS
- Module 5: Implementing and managing IPAM
- Module 6: Remote access in Windows Server 2016
- Module 7: Implementing DirectAccess
- Module 8: Implementing VPNs
- Module 9: Implementing networking for branch offices
- Module 10: Configuring advanced networking features
- Module 11: Implementing Software Defined Networking

Training Solutions:

√ Offline Classroom Instructor-Led Training in our labs or onsite Locations.

√ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

Why Learners Prefer CLS as their Training Services provider ?

■ Premium Training Services Accredited from Global Technology Vendors.

■ Best Rated Experts & Certified Trainers in Egypt.

■ Official Training Hours, Practice Labs, Hands-on Learning.

■ CLS Training Classrooms are designed with High Edge PCs and Training Facilities.

■ Return on Training Investment is Guaranteed to boost performance.



Identity with Windows Server Outline:

- Module 1: Installing and configuring domain controllers
- Module 2: Managing objects in AD DS
- Module 3: Advanced AD DS infrastructure management
- Module 4: Implementing and administering AD DS sites and replication
- Module 5: Implementing Group Policy
- Module 6: Managing user settings with Group Policy
- Module 7: Securing Active Directory Domain Services
- Module 8: Deploying and managing AD CS
- Module 9: Deploying and managing certificates
- Module 10: Implementing and administering AD FS
- Module 11: Implementing and administering AD RMS
- Module 12: Implementing AD DS synchronization with Microsoft Azure AD
- Module 13: Monitoring, managing, and recovering AD DS

