



TECHNICAL GUFTGU

Established Under Ministry of Micro, Small and Medium Enterprises, Govt. of India

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- ✓ Certificate provided
- ✓ Recordings Provided
- ✓ In Hindi
- ✓ Expert Trainers

WINDOWS SERVER ADMINISTRATOR (MCSA) SYLLABUS

Pre-requisite – No Pre-requisite. Specially Designed and Recommended for Freshers and Non-technical Background Students.

1: Discussion on Operating system (Client OS and Server OS)

Introducing Windows Server
Installation of Full GUI Server OS
Installation of Server Core
Completing Post-Installation tasks on

Server

2: Preparing for Nano Server Installation
Installing and configuring Nano Server
Configuring Remote Management of Nano

Server

Completing post-installation tasks on Nano
Server

3: Overview of AD DS

Overview of AD DS domain controllers

4: Deploying domain controllers:

Primary, Additional, Child, RODC

5: Managing computer objects in AD DS

Domain Joining:

Offline, Pre-create, On-stage

6: Managing user accounts in AD DS

Creating and configuring user accounts in

AD DS

Managing user accounts with Group Policies

7: Managing groups in AD DS

Creating and managing groups in AD DS

Group types & Group scopes

Implementing and managing OUs

Delegate administration for

OUs

8: Overview of ADDS Domains & Trusts

Understanding Trust

Relationship

Characteristics of Trusts

Manual Trust

Creating additional sites and subnets

Configuring AD DS replication

Monitoring and troubleshooting AD DS

replication

9: Introducing Group

Policy

Brief about Group Policy

Settings

Understanding Group Policy Processing

Implementing and administering GPOs

Software Deployment

Folder Redirection

10: Changing Wallpaper

Configuring other Group Policies

11: FSMO

Overview of partitions masters

Transfer operations masters

12: Deploying and managing AD CS

Overview of ADCS

Deploying an offline/standalone root and subordinate CAs

Deploying an enterprise CA

13: Overview of AD FS

- Deploying and configuring AD FS
- Overview of AD RMS
- Deploying and managing an AD RMS infrastructure
- 14:** Overview of Backups
 - Types of Backups
 - Configuring System Backup
- 15:** Introduction to IP addressing
 - Types of IP addressing, Subnetting & Supernetting
- 16:** Overview of the DHCP server role
 - DHCP Overview and Install
 - DHCP Scope Creation
 - Implementing IPv6 Scope
- 17:** DHCP Reservations
 - DHCP Options
 - DHCP Policies
 - DHCP User Classes
 - DHCP Backup, Restore
- 18:** DHCP Super Scopes
 - DHCP Split Scopes
 - DHCP Failover
 - DHCP L2 MAC Filtering
- 19:** Introduction of DNS
 - DNS Name Space, Name Resolution
 - Overview of Zones and Records
- 20:** Implementing DNS servers and zones
 - DNS Zones Overview
 - DNS name resolution
 - DNS Records Overview
 - Reverse Lookup Zones
- 21:** Zone Delegation
 - Stub Zone
- 22:** IPAM Overview and Installation
 - Managing DNS and DHCP using IPAM
- 23:** Remote access in Windows Server
 - Overview of remote access
 - Overview of VPN
 - Implementing VPN
 - Configuring VPN Server & Client
- 24:** Server Storage Technologies
 - Overview of DAS, NAS and iSCSI SAN, FC SAN
 - Managing disks in Windows Server
 - Configuring Basic & Dynamic disk
 - Configuring MBR & GPT
 - Managing volumes in Windows Server: RAID Configuration
 - Spanned Volume
 - Stripped Volume
- 25:** Configure iSCSI storage
 - Configuring iSCSI Target and Initiator
- 26:** Implementing Storage Spaces
 - Managing Storage Spaces
 - Creating a Storage Space
 - Configure NTFS permissions
 - Configure NTFS quotas
 - Implementing and configuring Data Deduplication
- 27:** Overview of Hyper-V
 - Installing Hyper-V
 - Configuring storage on Hyper-V host servers
 - Configuring networking on Hyper-V host servers
 - Configuring and managing Hyper-V virtual machines
- 28:** Achieving High Availability with Hyper-V

Determining the appropriate high availability and disaster recovery solution
Configuring Hyper-V replicas
Configuring Hyper-V migration

Maintaining a failover cluster
Troubleshooting a failover cluster

30: Implementing Network Load Balancing
Overview of NLB

29: Implementing failover clustering
Planning a failover cluster
Creating and configuring a new failover cluster

Configuring an NLB cluster
planning an NLB implementation

KEY HIGHLIGHTS OF THIS TRAINING PROGRAM:

- ✓ Entire training programme is in Hindi Language for Better understanding.
- ✓ Special focus on Non technical and Fresher candidates.
- ✓ Provides Recording of each live session which you can access from anywhere anytime for One year.
- ✓ Course Completion Certificate Provided at the end of the course.
- ✓ Interview Cracking tips during live sessions.
- ✓ Doubt clearing session will be provided.
