



MCP (PART -I)

Window-10 Course

Topics Covered:

Deploying Windows 10

Post-installation Configuration & Personalization

Manage Networks

Manage Storage

Manage Apps

Manage Data Access & Protection

Configure Authorization authentication & Threat

Protection

Plan And Implement Microsoft In tune

Working With Diagnostics Tools In Windows 10

Environments

Troubleshooting Windows 10 OS

MCSA (PART -II)

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

29: Implementing failover clustering Planning a failover cluster

Creating and configuring a new failover cluster

KEY HIGHLIGHTS OF THIS TRAINING PROGRAM:

Maintaining a failover cluster Troubleshooting a failover cluster

30: Implementing Network Load Balancing Overview of NLB

Configuring an NLB cluster planning an NLB implementation

- Entire training programme is in Hindi Language for Better understanding.
- Special focus on Non technical and Fresher candidates.
- Course Completion Certificate Provided at the end of the course.
- Interview Cracking tips during live sessions.
- Doubt clearing session will be provided.

MCSE (PART -III)

MCSE Course Syllabus

Our support will be there until you get placed in an IT Company as that's our mission too.

Deploying and Managing Windows Server 2012 - 2016

- Windows Server 2012 - 2016 Overview
- Overview of Windows Server 2012 - 2016 Management
- Installing Windows Server 2012 - 2016
- Post-Installation Configuration of Windows Server 2012 - 2016
- Introduction to Windows PowerShell

Introduction to Active Directory Domain Services

- Overview of AD DS
- Overview of Domain Controllers
- Installing a Domain Controller

Managing Active Directory Domain Services Objects

- Managing User Accounts
- Managing Group Accounts
- Managing Computer Accounts
- Delegating Administration

Automating Active Directory Domain Services Administration

- Using Command-line Tools for Administration
- Using Windows PowerShell for Administration
- Performing Bulk Operations with Windows PowerShell

Implementing IPv4

- Overview of TCP/IP

- Understanding IPv4 Addressing
- Subnetting and Supernetting
- Configuring and Troubleshooting IPv4

Implementing DHCP

- Installing a DHCP Server Role
- Configuring DHCP Scopes
- Managing a DHCP Database
- Securing and Monitoring DHCP

Implementing DNS

- Name Resolution for Windows Client and Servers
- Installing and Managing a DNS Server
- Managing DNS Zones

Implementing IPv6

- Overview of IPv6
- IPv6 Addressing
- Coexistence with IPv6
- IPv6 Transition Technologies

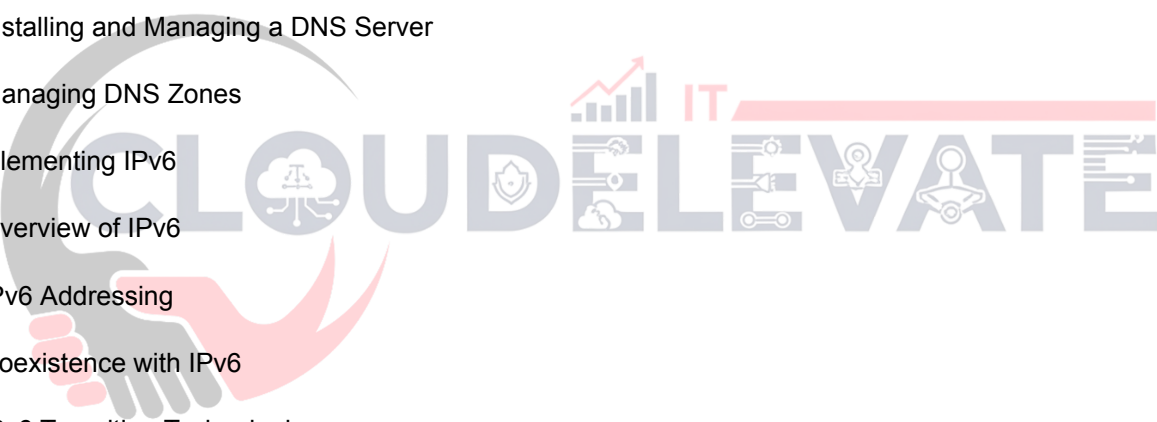
Implementing Local Storage

- Overview of Storage
- Managing Disks and Volumes
- Implementing Storage Spaces

Implementing File and Print Services

- Securing Files and Folders
- Protecting Shared Files and Folders Using Shadow Copies
- Configuring Network Printing

Implementing Group Policy



- Overview of Group Policy
- Group Policy Processing
- Implementing a Central Store for Administrative Templates

Securing Windows Servers Using Group Policy Objects

- Windows Security Overview
- Configuring Security Settings
- Restricting Software
- Configuring Windows Firewall with Advanced Security

Implementing Server Virtualization with Hyper-V

- Overview of Virtualization Technologies
- Implementing Hyper-V
- Managing Virtual Machine Storage

- Managing Virtual Networks

Administering windows server 2012 - 2016 Deploying and Maintaining Server Images

- Overview of Windows Deployment Services
- Implementing Deployment with Windows Deployment Services
- Administering Windows Deployment Services

Configuring and Troubleshooting Domain Name System

- Installing the DNS Server Role
- Configuring the DNS Server Role
- Configuring DNS Zones
- Configuring DNS Zone Transfers
- Managing and Troubleshooting DNS

Maintaining Active Directory Domain Services

- Overview of AD DS
- Implementing Virtualized Domain Controllers

- Implementing RODC

- Administering AD DS

- Managing the AD DS Database

Managing User and Service Accounts

- Automating User Account Management
- Configuring Password-Policy and User-Account Lockout Settings
- Configuring Managed Service Accounts

Implementing a Group Policy Infrastructure

- Introducing Group Policy
- Implementing and Administering Group Policy Objects (GPOs)
- Group Policy Scope and Group Policy Processing

- Troubleshooting the Application of GPOs

Managing User Desktops with Group Policy

- Implementing Administrative Templates
- Configuring Folder Redirection and Scripts
- Configuring Group Policy Preferences
- Managing Software with Group Policy

Configuring and Troubleshooting Remote Access

- Configuring Network Access
- Configuring Virtual Private Network (VPN) Access
- Overview of Network Policies
- Troubleshooting Routing and Remote Access
- Configuring DirectAccess

Installing, Configuring, and Troubleshooting the Network Policy Server Role

- Installing and Configuring a NPS
- Configuring Remote Authentication Dial-In User Service (RADIUS) Clients and Servers

- NPS Authentication Methods

- Monitoring and Troubleshooting a NPS

Implementing Network Access Protection

- Overview of Network Access Protection
- Overview of NAP Enforcement ProcessesConfiguring NAP
- Monitoring and Troubleshooting NAP

Optimising File Services

- Overview of FSRM
- Using FSRM to Manage Quotas, File Screens, and Storage Reports
- Implementing Classification and File Management Tasks
- Overview of Distributed File System (DFS), Configuring DFS Namespaces.
- Configuring and Troubleshooting Distributed File System Replication (DFS-R)

Configuring Encryption and Advanced Auditing

- Encrypting Files by Using Encrypting File System
- Configuring Advanced Auditing

Implementing Update Management

- Overview of WSUS
-
- Deploying Updates with WSUS

Monitoring Windows Server 2012 - 2016

- Monitoring Tools
- Using Performance Monitor
- Monitoring Event Logs

Configuring Advanced Windows Server 2012 - 2016 Services Implementing Advanced Network Services

- Configuring Advanced DHCP Features
- Configuring Advanced DNS Settings

- Implementing IPAM

Implementing Advanced File Services

- Configuring iSCSI Storage
- Configuring BranchCache
- Optimising Storage Usage

Implementing Dynamic Access Control

- Overview of Dynamic Access Control
- Planning for Dynamic Access Control
- Deploying Dynamic Access Control

Implementing Distributed Active Directory Domain Services Deployments

- Overview of Distributed AD DS Deployments
- Deploying a Distributed AD DS Environment
- Configuring AD DS Trusts

Implementing Active Directory Domain Services Sites and Replication

- Overview of AD DS Replication
- Configuring AD DS Sites
- Configuring and Monitoring AD DS Replication

Implementing Active Directory Certificate Services

- PKI Overview
- Deploying CAs
- Deploying and Configuring CA Hierarchy
- Deploying and Managing Certificate Templates
- Implementing Certificate Distribution and Revocation
- Managing Certificate Recovery

Implementing Active Directory Rights Management Services

- AD RMS Overview



- Deploying and Managing an AD RMS Infrastructure
- Configuring AD RMS Content Protection
- Configuring External Access to AD RMS

Implementing Active Directory Federation Services

- Overview of AD FS
- Deploying AD FS
- Implementing AD FS for a Single Organization
- Deploying AD FS in a B2B Federation Scenario

Implementing Network Load Balancing

- Overview of NLB
- Configuring an NLB Cluster
- Planning an NLB Implementation

Implementing Failover Clustering

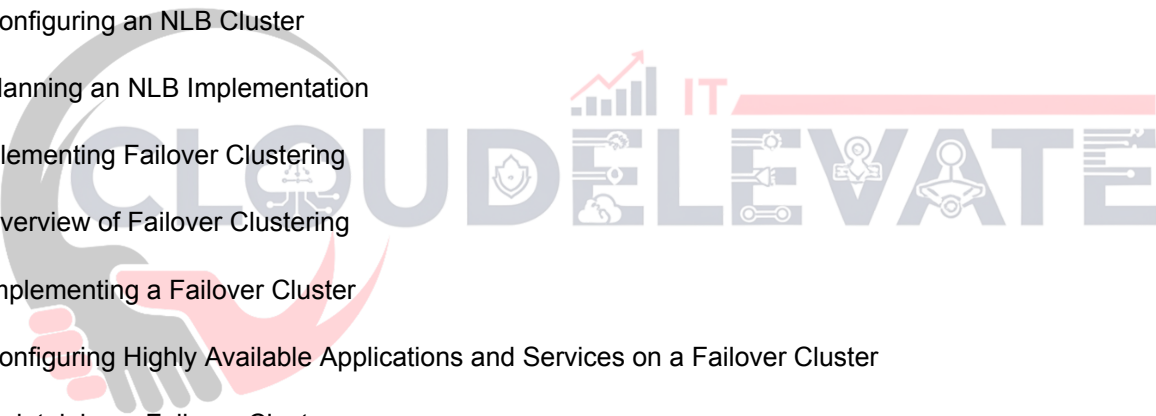
- Overview of Failover Clustering
- Implementing a Failover Cluster
- Configuring Highly Available Applications and Services on a Failover Cluster
- Maintaining a Failover Cluster
- Implementing a Multi-Site Failover Cluster

Implementing Failover Clustering with Hyper-V

- Overview of Integrating Hyper-V with Failover Clustering
- Implementing Hyper-V Virtual Machines on Failover Clusters
- Implementing Hyper-V Virtual Machine Movement
- Managing Hyper-V Virtual Environments by Using VMM

Implementing Disaster Recovery

- Overview of Disaster Recovery
- Implementing Windows Server Backup



- Implementing Server and Data Recovery

Mail id:- info@cloudelevate.in

Mobile no:- +91 7531014124

Website:- www.cloudelevate.in

