ANJI TECHNOLOGIES

Microsoft Certified IT Professional

This course is developed for IT professionals who need to Design, Plan, Implement, Manage and Support Microsoft Windows 2008 and 2012 Networks or who plan to take the related MCSE And MCITP exams. The training will be given by Senior System/Network engineers with several Years of field experience.

Course Content

- **Introduction to Windows 2008**
- **Workgroup Model**
- **Routing & Remote Access**
- **Configure DHCP Server**
- **DSN SERVER**
- **IIS (WEB SERVER)**
- **FTP SERVER**
- **Wireless Networks**
- **VPN Server**
- **Disk Management**
- **Active Directory Domain Services**
- **Creating OUs, User, and Computer accounts and Groups**
- **Group Policy Objects**
- **DFS (Distributed File System)**
- **Terminal services**
- **WDS(Windows Deployment Services)**
- **Backup and Recovery**

Duration	:
Fees	:
Demo Date	:
Time	:
Lab Time	:
Faculty	:

Opp: Adithya Trade Center, Manjeera Plaza 203 2nd Floor Ameerpet 9014149026

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Module 1: Introduction to Windows 2008

- Basic Network concepts
- History of Sever O.S
- Introduction to Windows 2008
- Features of Windows 2008.
- Installation of Windows 2008 & 7

Module 2: Workgroup Model

- Configuring IP Address
- Configuring peer to peer model
- Configure LAN Configuration
- Sharing folders
- Accessing Shared Folder
- Configure Map Network Driver from client Side
- Disconnect Map Network Driver
- Trouble shooting Basics Network

Module 3: Routing & Remote Access

- Configure ICS (Internet connection sharing)
- Configure NAT (Network address Translation)
- Troubleshooting for ICS, NAT
- What is a Router?
- How to Use Server 2008 as a Router
- Routing Table
- Configure LAN Routing
- Adding Static Entry to a Routing Table
- Inbound and Outbound Filters
- Static vs. Dynamic Routing
- Dynamic Routing Protocols: RIP & OSPF
- How RIP Works in Server 2008

Module 4: Configure DHCP Server

- Introduction to DHCP
- How Does DHCP Work?
- How to Configuring DHCP in Windows Server 2008
- Authorizing DHCP
- Creating Scopes
- Configuring Scope Options
- Address Leases
- Reservations
- Using DHCP in a Routed Network
- How Does DHCP Relay Agent Work?
- How to Configuring a DHCP Relay Agent in Windows Server 2008

Module 5: DSN SERVER

- Introduction to DNS
- Installing the DNS Server Role in Windows Server 2008
- What is a Domain Namespace?
- What is a DNS Query?
- How Queries Work
- What is a Forwarder?
- Setting Up Standard DNS Forwarders in Windows Server 2008
- Setting Up Conditional DNS Forwarders in Windows Server 2008
- How Caching Works
- Clearing the DNS Cache
- What is a DNS Zone?
- Zone Types
- Stub Zones

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- ➢ Active Directory Integrated Zones
- ➢ Forward and Reverse Lookup

Module 6: IIS (WEB SERVER)

- ➢ Introduction IIS server
- ➢ Install IIS server
- ➢ Configure IIS sever
- ➢ Create web sites
- ➢ Mapping websites
- ➢ Creating virtual web sites

MODULE 7: FTP SERVER

- ➢ Introduction FTP Server
- ➢ Use of FTP Server
- ➢ Install & Configure FTP Server
- ➢ Configure FTP Server from client side

Module 8: Wireless Networks

- ➢ Is Wireless Good or Bad?
- ➢ Wireless Networking Standards
- ➢ Wireless Security (Maybe)
- ➢ Connecting to a Wireless Network
- ➢ Setting Up Security on a Router

Module 9: VPN Server

- ➢ What is a VPN?
- ➢ Supported Authentication Protocols
- ➢ Choosing a VPN Protocol
- ➢ Installing the Remote Access Service
- ➢ Configuring the Remote Access Service

Module 10: Disk Management

- ➢ Features of Disk Management

- ➢ Shrink Volume
- ➢ Simple Volume
- ➢ Spanned Volume
- ➢ Stripped volume
- ➢ Mirrored volume
- ➢ Raid-5 Volume

Module 11: Active Directory Domain Services

- ➢ What is Active Directory and
- ➢ What is a Domain?
- ➢ What is a Server Role?
- ➢ What is DNS?
- ➢ Create Domain users
- ➢ Change password policy
- ➢ Change allow log on policy
- ➢ Reset the password
- ➢ Delete users
- ➢ Move one organization to another organization
- ➢ Create users by using command line
- ➢ Create a home folder for every user
- ➢ Create roaming profile

Module12: Creating OUs, User, and Computer accounts and Groups

- ➢ Creating an Organizational Unit
- ➢ Deleting on OU
- ➢ Creating User Accounts
- ➢ Introducing DSADD
- ➢ Creating Users Using a Script
- ➢ Creating Computer Accounts
- ➢ Difference Between OUs and Groups

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- Creating Groups in AD
- Adding Users and Computers into Groups

Module 13: Group Policy Objects

- Group Policy Objects
- Group Policy Management Console
- Default Domain Policy
- Local Vs. Domain Policy
- Configuring Domain Level Policy
- Linking GPOs
- GPO's Processing Order
- Setting Up Coach's Fave Four Policies
- Desktop Wallpaper Policy
- Preventing Users from Installing Software
- Removable Storage Policy
- Testing Our Policies

Module14: Using GPOs to Install Software

- How to Push Software onto a Lot of
- Machines without Getting Up from Your Desk:
- Using Group Policy Objects to Install Software
- Adjusting Group Policy that Affects Group Policy a

Model 15: DFS (Distributed File System)

- Introduction to DFS & File server
- Creating Root links & permission
- Accessing sharing folders from client

Model 16: Terminal services

- Terminal server configuration
- Terminal server Licensing modes
- Configuration remote desktop
- Web admin of T.S
- Overview of T.S
- Gateway & Session broker

Model 17 : WDS(Windows Deployment Services)

- What is WDS Server
- Install & configuring WDS Server
- Configure bootable file
- Configure o.s images
- Introduction DHCP Server
- Installation DHCP Server
- Configure DHCP Server
- Create a Scope in DHCP Server
- Installing O.S on remote computers

Module 18: Backup and Recovery

- How to Configure the Shadow Copy Service
- Recovering Data Using Shadow Copy
- Installing the Windows Server Backup Feature
- Creating a Backup Volume
- Scheduling Backups
- Recovering Data
- Complete System Recovery
- Additional Backup Tips