

PSK TECHNOLOGIES PVT. LTD.

Web Development & Internship, Sales & Services

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MCSE Content

Network Essentials

1. Networking Concepts, History of Server OS
 2. Introduction to windows server 2008 & 2012 , 2016
 3. Features of Windows Server 2008 & 2012, 2016
 4. Installation of Windows Server
 5. Introduction and Creation of Users Accounts
 1. IP Addressing
 2. Logical Topologies – Peer-Peer & Domain Models
 3. Introduction to Directory Services
 4. Features of Active Directory
 5. Installing Active Directory – Domain Controller
 6. Configuration member servers and Client
 7. Creating users in AD-DS
 8. User Logon Policies
 9. Password Policies
 10. Account Lockout Policies
 11. User Properties
 1. File System
 2. Security & Sharing Permission – Folders & Files
- Profile & File Server Resource Manager (FSRM)
1. Types of Profile – Local & Roaming

2. Home& Folder
3. Configuration Quotas
1. Creating Organizational Unit
2. Delegating Control to a User

Logical Structure of AD-DS

1. Configuring ADC
2. Tree Structure – Child Domain
3. Forest Structure

Group Policy / System Policies

1. User and Computer Policies
2. Software Deployment
3. Group Policy Preferences
1. Introduction to Trust Relationship
2. Categories, Direction & Types of Trusts
3. Functional Levels
4. Configuring Forest Trusts Between Forests

Remote Desktop Services

1. Remote Administration Mode

Dynamic Host configuration Protocol (DHCP)

- 1 Introduction and Configuration of DHCP Server
- 2 DHCP Client Configuration
- 3 Reservations
- 4 DHCP Backup Configuring DHCP Failover

Domain Name System (DNS)

- 1 Internet Basics, Host & LM Host Files
- 2 DNS Naming Hierarchy
- 3 Lookup Zones - Forward and Reverse lookup Zones

- 4 Types of Zones – Primary, Secondary & Stub Zone
- 5 Resource Records, Integration with ADS, SRV Records
- 6 Forwarders, Dynamic Updates

- 1 Installation of Hyper – V
- 2 Configuring Virtual Machine

Internet Information Services(IIS)

- 1 IIS Configuration
- 2 Hosting Websites, Virtual Directories
- 3 FTP Server Configuration

Permissions/Access Control Lists

- 1 File Systems
- 2 Security and Sharing Permissions - Folders & Files
- 3 Offline Folder

Introduction & Configuration of WDS Server

Disk Management

- 1 Basic & Dynamic Disks
- 2 Types of Volumes
- 3 RAID 0, 1, 5 Levels

Advanced Topics

- 1 Windows Server Backup
- 2 Introduction to print server