

Networking-Fundamental

Course Contents:

- Introduction to Networking, Network Topologies and technologies
- Media Standards and Network Theory/Component
- OSI Model and TCP/IP Model
- IP Addressing
- Network Protocols and services
- WAN Technologies & Remote Access
- Firewalls, Proxy Servers
- Assembling and installation of Windows 7 Operating System
- Application logs, started services, setting power management, checking hard drive space check
- Storage, disk types SCSI,USB,IDE,SATA, CD/DVD
- Network Devices ,Client Server Model NOS(Network Operating System) vs Client OS
- Deployment types of client Windows 10
- Configuring Hardware and application restriction
- Configure user account control (UAC) and Understanding of local group policy with respect to password policy
- PC or a network connectivity issue; TCP/IP; hardware and cabling; proxies; default gateway
- Overview of AD DS, Domains and client structure
- Checking which DNS is assigned; flushing the DNS cache; nslookup to DNS server; checking the DHCP scopes
- Hardware failure; server issues; printer failure; network issues; driver issues
- Configure Internet Explorer and firewall
- Identifying bad sectors; diagnosing memory issues; updating the BIOS
- File and folder access & Configure shared resources