

NETWORKING TRAINING



Duration	21 days
Course Type	Regular / Fast Track / Weekend
Timing	Regular : 1.00 Hrs Fast Track : 2.00 Hrs Weekend : 4.00 Hrs
We Provide	<p>Common: Course Materials Troubleshooting/Installation Manuals & ID Card Worldwide Online Verification Certificate</p> <p>Job Support: Job Reference as per Job provider's requirement.</p> <p>Self Employment Whole Sale Materials Purchase Address</p>

CLASS	TOPICS
SESSION-1	<ul style="list-style-type: none"> ➤ What is networking? Networking concepts- ➤ Network Goals: Data Sharing, Resources Sharing, ➤ Effective Communication. ➤ Resources Sharing: Printer Sharing, Modem Sharing, And Software Sharing. ➤ Communication technology: Wired, Wireless. ➤ Networking Models: Peer to Peer Networking, Client Server Based, Hybrid Networking. Network topology: Bus topology, Star topology, ➤ Networking Topologies: 1.Star Topology, 2.Ring Topology ➤ 3. Bus Topology, 4.Bus Topology, 5.Fully Connected or Mesh ➤ Topology, 6.Tree Topology, 7.Hybrid Topology. <p>Final: Advantages and Dis-Advantages of All Topologies</p>
SESSION-2	<ul style="list-style-type: none"> ➤ Expansion of Networks: 1.LAN (Local Area Network) ➤ 2. MAN (Metropolitan Area Network), 3.WAN (wide area network) ➤ Transmission Types Base band & Broad band. ➤ What is IEEE & Networking Standards? ➤ OSI Reference Models-Layers: Physical layer, Data Link ➤ Layer, Network Layer, Transmission Layer, Session layer <p>Presentation layer & Application layer</p>
SESSION-3	<ul style="list-style-type: none"> ➤ Networking components: 1.Ethernet Card,2.Hub/Switch/Router ➤ 3. CAT 5 Cable, 4.RJ 45 Connectors, 5.Grimping Tools ➤ 6. Network Tester, 7.Networking Operating Systems ➤ (Desktop Operating Systems, Network Operating Systems) <p>Difference between Hub and Switch</p>
SESSION-4	<ul style="list-style-type: none"> ➤ Ethernet card & driver Installation ➤ What is crimping? Types of Grumping: 1.Straight cable Crimping ➤ Cross Cable Crimping, Cables types, How to Test a Grimped ➤ Connector & Wire with Practical's
SESSION-5	<ul style="list-style-type: none"> ➤ What are Domain & Workgroup Concepts, TCP / IP: What is IP Address? ➤ IP Classes Subnet Mask, Default Gateway, DNS what is DNS <p>And its types? DHCP Explanation</p>
SESSION-6	<ul style="list-style-type: none"> ➤ Windows XP Architecture, Boot Sequence, File System, Fat 32 & NTFS ➤ Minimum Hardware Requirement for Win Xp, Windows Xp ➤ Installation with Ethernet Installation in Win Xp. With Practical's
SESSION-7	<ul style="list-style-type: none"> ➤ How to Configure Peer to Peer Networking in Windows XP Systems ➤ Sharing the Folders & Drives, Sharing the Printers ➤ What is Ping, Ipconfig, Ipconfig/all commands & its uses? ➤ Step by Step of Configuring the Networks.
SESSION-8	<ul style="list-style-type: none"> ➤ Win 2000 Installation, Configuring of IP Address through the Systems ➤ And it's Troubleshooting
SESSION-9	<ul style="list-style-type: none"> ➤ Disks and Volumes: Basic Disks Dynamic Disks, Disk Management ➤ How to Convert Basic Disk to Dynamic Disk ➤ Volume Types: 1) Simple, 2) spanned, 3) Stripped, 4) Mirrored and ➤ 5) RAID-5 volumes ➤ User Authentication and Network Authentication

SESSION-10	<ul style="list-style-type: none"> ➤ Users and Groups creating in 2003 & XP. ➤ Administrator, Guest, Support Number ➤ Domain Administrator, Domain Guest ➤ Local Groups, Encrypted File System ➤ Disk Quotas
SESSION-11	<ul style="list-style-type: none"> ➤ Wireless Networks: Using Components, Usage of Wireless Network, ➤ Modem, Router and Hub Working and Manufacturing Companies ➤ Wireless LAN card, Keyboard, Mouse and Bluetooth Devices ➤ Application of Bluetooth. How to Install and connect to the system. <p>Working Method of Wireless Networking</p>
SESSION-12	<ul style="list-style-type: none"> ➤ How to Configure Wireless Modem & Router ➤ Wireless LAN Card and Drivers Installation. ➤ WAN Settings, DHCP, Static IP, PPOE, PPTP, L2TP, SSID ➤ Wireless Channel, Wireless SSID Broadcast, ➤ Wireless Network Authentication.
SESSION-13	<ul style="list-style-type: none"> ➤ Advantages & Disadvantages Of wireless Connection. ➤ Backup Recovery: User Data ➤ System State Data. Backing up and system user Data ➤ What to Backup, Backup Types, Backup Strategies
SESSION-14	<ul style="list-style-type: none"> ➤ User Accounts, Type of User Accounts, ➤ Single line on User Accounts, Oracle Portal User Accounts, <p>Oracle Database User accounts, Security Settings</p>
SESSION-15	<ul style="list-style-type: none"> ➤ Intro to System Policy & Group Policy, Intro IIS and IAS ➤ System Policy Editor, States and Boxes ➤ Using Group Policy, P Program specification, Start Menu Option ➤ Key Difference between IIS5 and IIS6 ➤ IAS users: Hosting and Other Users ➤ 16 Day 16 what is Internet? What is Proxy? Internet connection Sharing, Internet ➤ Connection sharing using Proxy. Basic Commands: Ping, Ipconfig, ➤ Ipconfig/all, Net sends Net stat...
SESSION-16	<ul style="list-style-type: none"> ➤ Intro to FTP and FTP configuration. ➤ FTP Software Installation & Connecting 2 Systems using 3rd party ➤ Team Viewer installation and using
SESSION-17	<p>What is Internet?, What is Proxy?, Internet connection Sharing, Internet Connection sharing using Proxy. Basic Commands: Ping, Ipconfig, Ipconfig/all, Netsend, Netstat...</p>
SESSION-18	<ul style="list-style-type: none"> ➤ Local user Login, Remote User Login, User Profiles, Local Roaming ➤ The Notation Of user, Managing User, Remote Desktop user <p>Roaming Profiles</p>
SESSION-19	<ul style="list-style-type: none"> ➤ Troubleshooting: Crimping, NIC installation, Cable Unplugged, ➤ IP Conflict, Duplicate name exit on the Network, Limited & no connectivity ➤ Unable to join network failure (Error 3), Connected with limited access ➤ Workgroup name conflict, Domain name conflict.

SESSION-20	<ul style="list-style-type: none"> ➤ Troubleshooting: Network Printer, Printer Sharing, Drive Sharing, File & ➤ Folder sharing, Virus, Internet mediate network connectivity, TCP/IP ➤ Config, Internet Sharing, Proxy config, Remote Desktop/Access.
SESSION-21	<ul style="list-style-type: none"> ➤ Troubleshooting: ADS Installation EFS, DFS and, ➤ Client Performance. Web Server Performance, Network Performance, ➤ File Server Performance, Print Server Performance ➤ Revision Doubt Clearing class, 2003 Server Advantages over 2000 Server ➤ Different between XP Home & XP Professional.

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