

Module 1.2 NETWORK TECHNOLOGIES

N/W ESSENTIALS

Introduction to N/W, LAN-WAN media, LAN topology, Media access methods, Media Transport tech. Ethernet stds. Cabling, Server Clients, Transmission methods, Media clients devices, LAN devices, Wan devices, LAN segmentation, O.S.I. reference model, IP addressing, TCP/IP Model, Routed Routing Protocol, Intro. To CISCO routers, Dedicated Wan Service, PSTN based WAN service

BASICS OF NETWORK ADMINISTRATION OF WINDOWS 2000/2003

Windows 2000/XP professional

Intro. To Windows 2003 server family (Difference in Ent. and Std. edition)

Installation

USER MANAGEMENT & LOCAL SECURITY POLICIES

Disk Management

Disk fault tolerance RAID Types, Dynamic Disks etc

Security in FAT & NTFS

PATCHING & SERVICE PACKS

DHCP Server

Principles, concepts & utilisation

DFS Server

Principles, concepts & utilisation

INSTALLING TERMINAL SERVER

CONFIGURING ZONES, HOSTS IN DNS

ROUTING & REMOTE ACCESS

WIN 2000 AS ROUTER

ACTIVE DIRECTORY, MANAGING DOMAIN USERS,

ADS, Group Policy Management

DOMAIN SECURITY POLICIES, INSTALLING IIS, CONFIG WEB SERVER, FTP SERVER