

Implementing and Maintaining Windows 2003 Infrastructure (70-291)

Level 1

Configuring IP Addresses 58m 26s

- 1.1 Manual Configuration
- 1.2 Dynamic Configuration
- 1.3 Troubleshooting
- Lab - Assign IP Address
- Lab - Create an Alternate IP Address

Configuring DHCP 30m 02s

- 2.1 DHCP Server Installation
- 2.2 Creating Scopes
- 2.3 Client Reservations
- 2.4 DHCP Relay Agent
- Lab - Install DHCP
- Lab - Create a DHCP Superscope
- Lab - DHCP Backup

Managing DHCP 37m 03s

- 3.1 DHCP Process
- 3.2 Monitoring DHCP
- 3.3 Database Management
- 3.4 Troubleshooting

Level 2

Name Resolution 46m 30s

- 1.1 Name Resolution Process
- 1.2 NetBIOS Resolution
- 1.3 Host Name Resolution

DNS Overview 36m 04s

- 2.1 DNS Structure
- 2.2 Zones and Records
- 2.3 Dynamic Updates

Configuring DNS 53m 58s

- 3.1 Installing DNS
- 3.2 Forward Lookup Zones
- 3.3 Reverse Lookup Zones
- 3.4 Active Directory Intergrated Zones
- 3.5 Server Configuration

- 3.6 Client Configuration
- Lab - Add a DNS Zone
- Lab - Add a Host Resource Record
- Lab - Add a Sub Zone
- Lab - Add a Sub-Domain
- Lab - Install DNS

Level 3

Monitoring DNS 32m 52s

- 1.1 DNS Logs
- 1.2 Replication Monitor
- 1.3 System Monitor
- 1.4 Command Line Tools
- Lab - Create a DNS Log

Security Configuration 28m 03s

- 2.1 Security Settings
- 2.2 Analyzing Security
- 2.3 Configuring Security
- 2.4 Least Privilege
- Lab - Modify Security Template
- Lab - Monitor Security Compliance

Monitoring Security 48m 57s

- 3.1 Security Concepts
- 3.2 IP Security Monitor
- 3.3 Kerberos Tools
- 3.4 Network
- Lab - Network Monitor
- Lab - Creating an IP Security Policy

Level 4

Routing 34m 20s

- 1.1 Routing Principles
- 1.2 Installing a Router
- 1.3 Packet Filtering
- Lab - Setup Router RIP2

Remote Access 38m 26s

- 2.1 Remote Access Installation
- 2.2 Remote Access Permissions
- 2.3 Remote Access Policies
- 2.4 Client Configuration

Lab - Grant User TAS Access

Virtual Private Networks

44m 33s

3.1 VPN Principals

3.2 Server Configuration

3.3 Client Configuration

3.4 Site to Site VPN's

Lab - Setup VPN Client

Lab - Add VPN

Lab - Create VPN L2TP

Level 5

Monitoring Traffic

38m 12s

1.1 System Monitor

1.2 Network Monitor

Lab - Using Network Monitor

Remote Access Topics

23m 46s

2.1 Authentication

2.2 Route Tables

Lab - Install Radius Server

Managing Services

19m 24s

3.1 What is a Service?

3.2 Service Dependencies

3.3 Service Recovery

Lab - Install Radius Client

Lab - Configure Service Recovery

Lab - Configure Service Dependencies

Internet Connectivity

17m 20s

4.1 Connectivity Requirements

4.2 Troubleshooting

Total Duration: 9h 46m