

Course 2277 - Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure: Network Services

Bookings 020 7837 2690

www.premierit.com

Course Duration: 5 days	Course Hours: 10.00 am to 5.00 pm
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Pre-requisites:

Before attending this course, students must have completed Course 2276, Implementing a Microsoft Windows Server 2003 Network Infrastructure: Network Hosts, or have equivalent knowledge and skills

Objectives:

At the end of the course, the delegate will be able to: Allocate IP addressing by using DHCP. • Manage and monitor DHCP. • Resolve names. • Resolve host names by using DNS. • Manage the integration of Active Directory and DNS. • Manage and monitor DNS. • Resolve network basic input/output system (NetBIOS) names by using WINS. • Secure network traffic by using IPsec and certificates. • Configure routing by using the Routing and Remote Access service. • Configure network access. • Manage and monitor network access. • Microsoft Certified Professional exam:- • Exam 70-291: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure • Course Materials :- • The student kit includes a comprehensive workbook and other necessary materials for this class

Allocating IP Addressing by Using Dynamic Host Configuration Protocol (DHCP)

Multimedia: The Role of DHCP in the Network Infrastructure • Adding and Authorizing a DHCP Server Service • Configuring a DHCP Scope • Configuring DHCP Reservations and Options • Configuring a DHCP Relay Agent

Managing and Monitoring Dynamic Host Configuration Protocol (DHCP)

Managing a DHCP Database • Monitoring DHCP • Applying Security Guidelines for DHCP

Resolving Names

Multimedia: Introduction to the Name Resolution Process • Viewing Names on a Client • Configuring Host Name Resolution • Configuring NetBIOS Name Resolution

Resolving Host Names by Using Domain Name System (DNS)

Multimedia: The Role of DNS in the Network Infrastructure • Installing the DNS Server Service • Configuring the DNS Server Service • Configuring the DNS Zones • Configuring DNS Zone Transfers • Configuring a DNS Client

Integrating Domain Name System and Active Directory

Configuring Active Directory Integrated Zones • Configuring DNS Dynamic Updates • Understanding How Active Directory Uses DNS

Managing and Monitoring Domain Name System (DNS)

Managing DNS Records • Testing the DNS Server Configuration • Monitoring DNS Server Performance

Resolving NetBIOS Names by Using Windows Internet Name Service (WINS)

Multimedia: The Role of WINS in the Network Infrastructure • Installing and Configuring a WINS Server • Managing Records in WINS • Configuring WINS Replication • Managing the WINS database

Configuring Routing by Using Routing and Remote Access

Multimedia: The Role of Routing in the Network • Infrastructure • Enabling and Configuring the Routing and Remote Access Service • Configuring Packet Filters

Course Structure: Each course is divided into a series of units, supported by relevant practical exercises. You may join a public course, or book your own dedicated company room. You can also tailor the content to your specific needs; accelerating the course or running a workshop.

Help Facility: Provided by our tutors, this facility includes course content only, for a limited period.

Manuals: A comprehensive course manual provides support throughout the course, and is a useful reference for your newly acquired skills upon your return to the office.

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Securing Network Traffic by Using IPsec and Certificates

Implementing IPsec • Understanding IPsec Deployment Scenarios • Monitoring IPsec

Configuring Network Access

Introduction to a Network Access Infrastructure • Configuring VPN Access • Configuring Dial-up Access • Configuring Wireless Access • Controlling User Access to a Network • Centralizing Network Access Authentication by Using IAS

Managing and Monitoring Network Access

Managing the Network Access Services • Configuring Logging on a Network Access Server • Collecting and Monitoring Network Access Data

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