

Course 2282 - Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure

Bookings 020 7837 2690

www.premierit.com

Course Duration: 5 days	Course Hours: 10.00 am to 5.00 pm
Pre-requisites: This course requires that students meet the following prerequisites: <ul style="list-style-type: none"> • They have taken Course 2278, Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure and Course 2279, Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure • They have equivalent knowledge and experience 	
Objectives: At the end of the course, the delegate will be able to: Describe the process of designing an Active Directory infrastructure and a network infrastructure that supports Active Directory. <ul style="list-style-type: none"> • Design a forest and domain infrastructure that meets the needs of an organization. • Design a site infrastructure that meets the needs of an organization. • Design a Group Policy structure that meets the needs of an organization. • Design an administrative structure that meets the needs of an organization. • Design a physical network structure that supports Active Directory and meets the needs of an organization. • Design a Dynamic Host Configuration Protocol (DHCP) structure that supports Active Directory and meets the needs of an organization. • Create a design for network connectivity that supports Active Directory and meets the needs of an organization. • Design a name resolution strategy that supports Active Directory and meets the needs of an organization. • Design a network access infrastructure that supports Active Directory and meets the needs of an organization. • This course will help the student prepare for the following Microsoft Certified Professional exam:- <ul style="list-style-type: none"> • Exam 70-297: Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure • Course Materials :- <ul style="list-style-type: none"> • The student kit includes a comprehensive workbook and other necessary materials for this class 	

Introduction to Designing an Active Directory and Network Infrastructure Explain basic design principles. <ul style="list-style-type: none"> • Describe the process of and the tasks involved in designing an Active Directory infrastructure
Designing a Forest and Domain Infrastructure Gather and analyze the information that you need to design a forest and domain infrastructure. <ul style="list-style-type: none"> • Create a logical forest design. • Create a domain design. • Design a DNS namespace strategy for forests and domains. • Create a trust strategy for forests. • Determine a migration plan for the existing infrastructure. • Design a schema management policy
Designing a Site Infrastructure Determine the information needed to design a site infrastructure. <ul style="list-style-type: none"> • Create a site design. • Modify the site design for replication. • Determine the placement of domain controllers in the site design. • Determine the placement of global catalog servers in the site design. • Determine the placement of single operations masters in the site design
Designing the Administrative Structure Determine the information needed to design an administrative structure. <ul style="list-style-type: none"> • Design a network administration model. • Design an organizational unit structure. • Design an account strategy
Designing for Group Policy Determine the information needed to design for Group Policy. <ul style="list-style-type: none"> • Design a Group Policy structure. • Create an organization unit (OU) structure for Group Policy. • Create a Group Policy management design

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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Designing the Physical Network

Explain the preparation necessary to design a network infrastructure. • Create an IP addressing scheme. • Design a DHCP infrastructure. • Design a change management structure for networking

Designing for Network Connectivity

Determine the information that you need to design for network connectivity. • Evaluate connection types. • Design a connectivity infrastructure. • Create a design for Internet connectivity.

Designing a Name Resolution Strategy

Determine the information needed to design a name-resolution strategy. • Design a strategy for interoperability with Active Directory, BIND, WINS, and DHCP. • Design a WINS replication strategy. • Design a name resolution strategy for clients

Designing the Network Access Infrastructure

Gather data for network access design. • Design network access security. • Choose remote access methods. • Design a remote access infrastructure. • Design a wireless access infrastructure

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