

Detailed Course Outline

Exam 70-293: Course 2278

Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

Planning and Implementing Server Roles and Server Security

Configure security for servers that are assigned specific roles.
Plan a secure baseline installation.
Plan security for servers that are assigned specific roles.
Evaluate and select the operating system to install on computers in an enterprise.

Planning, Implementing, and Maintaining a Network Infrastructure

Plan a TCP/IP network infrastructure strategy.
Plan and modify a network topology.
Plan an Internet connectivity strategy.
Plan network traffic monitoring.
Troubleshoot connectivity to the Internet.
Troubleshoot TCP/IP addressing.
Plan a host name resolution strategy.
Plan a NetBIOS name resolution strategy.
Troubleshoot host name resolution.

Planning, Implementing, and Maintaining Routing and Remote Access

Plan a routing strategy.
Plan security for remote access users.
Implement secure access between private networks.
Troubleshoot TCP/IP routing.

Planning, Implementing, and Maintaining Server Availability

Plan services for high availability.
Identify system bottlenecks, including memory, processor, disk, and network related bottlenecks.
Implement a cluster server.
Monitor Network Load Balancing.
Monitor servers that provide network services.
Plan a backup and recovery strategy.
Recover from cluster node failure.

Planning and Maintaining Network Security

Planning and Maintaining Network Security
Configure network protocol security.
Configure security for data transmission.
Plan for network protocol security.

Plan secure network administration methods.
Plan security for wireless networks.
Plan security for data transmission.
Troubleshoot security for data transmission.

Planning, Implementing, and Maintaining Security Infrastructure.

Configure Active Directory directory service for certificate publication.
Plan a public key infrastructure (PKI) that uses Certificate Services.
Plan a framework for planning and implementing security.
Plan a security update infrastructure.

Exam 70-294: Course 2279**Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure****Planning and Implementing an Active Directory Infrastructure**

Plan a strategy for placing global catalog servers.
Plan flexible operations master role placement.
Implement an Active Directory directory service forest and domain structure.
Implement an Active Directory site topology.
Plan an administrative delegation strategy.

Managing and Maintaining an Active Directory Infrastructure

Manage an Active Directory forest and domain structure.
Manage an Active Directory site.
Monitor Active Directory replication failures.
Restore Active Directory directory services.
Troubleshoot Active Directory.

Planning and Implementing User, Computer, and Group Strategies

Planning and Implementing User, Computer, and Group Strategies
Plan a security group strategy.
Plan a user authentication strategy.
Plan an OU structure.
Implement an OU structure.

Planning and Implementing Group Policy

Plan Group Policy strategy.
Configure the user environment by using Group Policy.
Deploy a computer environment by using Group Policy.

Managing and Maintaining Group Policy

Troubleshoot issues related to Group Policy application. deployment.
Maintain installed software by using Group Policy.
Troubleshoot the application of Group Policy security settings.

Exam 70-297 : Course 2282**Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure****Creating the Conceptual Design by Gathering and Analyzing Business and Technical Requirements**

Analyze the impact of Active Directory on the existing technical environment.
Analyze DNS for Active Directory directory service implementation.
Analyze existing network operating system implementation.
Analyze security requirements for the Active Directory directory service.
Design the Active Directory infrastructure to meet business and technical requirements.
Design the network services infrastructure to meet business and technical requirements.
Identify network topology and performance levels.
Analyze the impact of the infrastructure design on the existing technical environment.

Creating the Logical Design for an Active Directory Infrastructure

Design an OU structure.
Design a security group strategy.
Design a user and computer authentication strategy.
Design a user and computer account strategy.
Design an Active Directory naming strategy.
Design migration paths to Active Directory.
Design a strategy for Group Policy implementation.
Design an Active Directory directory service site topology.

Creating the Logical Design for a Network Services Infrastructure

Design a DNS name resolution strategy.
Design a NetBIOS name resolution strategy.
Design security for remote access users.
Design a DNS service implementation.
Design a remote access strategy.
Design an IP address assignment strategy.

Creating the Physical Design for an Active Directory and Network Infrastructure

Design DNS service placement.
Design an Active Directory implementation plan.
Specify the server specifications to meet system requirements.

Design Internet connectivity for a company.
Design a network and routing topology for a company.
Design the remote access infrastructure.

Contact the training coordinator for pricing and details at 613-563-NOVA (6682) Ext:250 Or training@nova-networks.com

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