



Exam 70-296

Course Outline

Planning and Implementing Server Roles and Server Security

- Configure security for servers that are assigned specific roles.
- Plan security for servers that are assigned specific roles. Roles might include domain controllers, Web servers, database servers, and mail servers.
- Deploy the security configuration for servers that are assigned specific roles.
- Create custom security templates based on server roles.

Planning, Implementing, and Maintaining a Network Infrastructure

- Plan a host name resolution strategy.
- Plan a DNS namespace design.
- Plan zone replication requirements.
- Plan a forwarding configuration.
- Plan for DNS security.
- Examine the interoperability of DNS with third-party DNS solutions.

Planning, Implementing, and Maintaining Server Availability

- Plan services for high availability.
- Plan a high availability solution that uses clustering services.
- Plan a high availability solution that uses Network Load Balancing.

Plan a backup and recovery strategy.

- Identify appropriate backup types. Methods include full, incremental, and differential.
- Plan a backup strategy that uses volume shadow copy.
- Plan system recovery that uses Automated System Recovery (ASR).

Planning and Maintaining Network Security

- Plan secure network administration methods.
- Create a plan to offer Remote Assistance to client computers.
- Plan for remote administration by using Terminal Services.

Plan security for wireless networks.

- Plan security for data transmission.
- Secure data transmission between client computers to meet security requirements.
- Secure data transmission by using IPSec.

Planning, Implementing, and Maintaining Security Infrastructure

- Configure Active Directory directory service for certificate publication.
- Plan a public key infrastructure (PKI) that uses Certificate Services.
- Identify the appropriate type of certificate authority to support certificate issuance requirements.
- Plan the enrollment and distribution of certificates.
- Plan for the use of smart cards for authentication.

- Plan a framework for planning and implementing security.
- Plan for security monitoring.
- Plan a change and configuration management framework for security.



Exam 70-296

Plan a security update infrastructure. Tools might include Microsoft Baseline Security Analyzer and Microsoft Software Update Services.

- Planning and Implementing an Active Directory Infrastructure
- Plan a strategy for placing global catalog servers.
- Evaluate network traffic considerations when placing global catalog servers.
- Evaluate the need to enable universal group caching.

Implement an Active Directory directory service forest and domain structure.

- Create the forest root domain.
- Create a child domain.
- Create and configure Application Data Partitions.
- Install and configure an Active Directory domain controller.
- Set an Active Directory forest and domain functional level based on requirements.
- Establish trust relationships. Types of trust relationships might include external trusts, shortcut trusts, and cross-forest trusts.

Managing and Maintaining an Active Directory Infrastructure

- Manage an Active Directory forest and domain structure.
- Manage trust relationships.
- Manage schema modifications.
- Add or remove a UPN suffix.

Restore Active Directory directory services.

- Perform an authoritative restore operation.
- Perform a nonauthoritative restore operation.

Planning and Implementing User, Computer, and Group Strategies

- Plan a user authentication strategy.
- Plan a smart card authentication strategy.
- Create a password policy for domain users.

Planning and Implementing Group Policy

- Plan Group Policy strategy.
- Plan a Group Policy strategy by using Resultant Set of Policy (RSoP) Planning mode.
- Plan a strategy for configuring the user environment by using Group Policy.
- Plan a strategy for configuring the computer environment by using Group Policy.

Configure the user environment by using Group Policy.

- Distribute software by using Group Policy.
- Automatically enroll user certificates by using Group Policy.
- Redirect folders by using Group Policy.
- Configure user security settings by using Group Policy.

Managing and Maintaining Group Policy

- Troubleshoot issues related to Group Policy application deployment. Tools might include RSoP and the gpresult command.
- Troubleshoot the application of Group Policy security settings. Tools might include RSoP and the gpresult command.