Vendor: Microsoft

Exam Code:70-647

Exam Name: Windows Server 2008,Enterprise
Administrator

Version: Demo

QUESTION 1

Your company has one main office and eight branch offices. Each branch office has one server and 20 client computers.

The network consists of one Active Directory domain. All main office domain controllers run Windows Server 2008. All branch office servers are configured as domain controllers and run Windows Server 2003 Service Pack 1 (SP1).

You need to implement a security solution for the branch offices to meet the following requirements:

The number of user passwords stored on branch office domain controllers must be minimized. All files stored on the branch office domain controller must be protected in the event of an offline attack.

What should you do?

A. Upgrade branch office domain controllers to Windows Server 2008. Enable Windows BitLocker Drive Encryption (BitLocker).

B. Replace branch office domain controllers with Windows Server 2008 read-only domain controllers (RODCs).Enable Windows BitLocker Drive Encryption (BitLocker).

C. Replace branch office domain controllers with Windows Server 2008 read-only domain controllers (RODCs).Enable Encrypting File System (EFS) for all server drives.

D. Add the branch office domain controller computer accounts to the read-only domain controllers (RODCs) group. Enable Encrypting File System (EFS) for all server drives.

Correct Answer: B

To ensure that only minimum numbers of user passwords are stored on the branch office domain controllers, you need to replace branch office domain controllers with Windows Server 2008 read-only domain controllers (RODCs) because an RODC can be configured to store only the passwords of specified users and computers. This limitation reduces the risks in case an RODC is compromised. To ensure that all files stored on the domain controller must be protected from any kind of an offline attack, you need to use Windows BitLocker Drive Encryption. BitLocker allows you to encrypt all data stored on the Windows operating system volume and use the security of using a Trusted Platform Module (TPM) that helps protect user data and to ensure that a computer running Windows Server Vista or Server 2008 have not been tampered with while the system was offline.

Reference: Active Directory Enhancements in Windows Server 2008
http://windowsitpro.com/articles/print.cfm?articleid=98061

Reference: BitLocker Drive Encryption Technical Overview
http://technet2.microsoft.com/windowsserver2008/en/library/a2ba17e6-153b-4269-bc46-6866df4b253c1033.mspx?mfr=true

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QUESTION 2

Wingtip Toys, is merging with Tailspin Toys. Each company has an Active Directory Domain Services (AD DS) domain. All servers run Windows Server 2008 R2.

A forest trust has been created between Wingtip Toys and Tailspin Toys.

The Wingtip Toys domain contains an AD security group named Design.

You need to ensure that only members of the Design security group can access specific file shares on the Tailspin Toys domain.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

A. In the Tailspin Toys domain, enable forest-wide authentication. Grant the Design group access to the file shares.

B. In the Tailspin Toys domain, enable selective authentication. Grant the Allowed to authenticate permission to the Design group. Grant the Design group access to the file shares.

C. In the Wingtip Toys domain, enable selective authentication. Grant the Allowed to authenticate permission to the Design group. Grant the Design group access to the file shares.

D. In the Wingtip Toys domain, enable forest-wide authentication. Grant the Design group access to the file shares.

Correct Answer: B

QUESTION 3

All servers in an Active Directory Domain Services (AD DS) domain run Windows Server 2008 R2. All Remote Desktop Services (RDS) servers are in an organizational unit (OU) named RDS Servers. All computer security policy settings are

configured in a Group Policy Object (GPO) named Security Policy. The Security Policy GPO is linked to the domain.

You create a new GPO named RDS and link it to the RDS Servers OU. The RDS GPO overrides the Security Policy GPO settings.

You need to ensure that the Security Policy GPO settings are not overridden in any OU.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

A. Link the Security Policy GPO to the RDS Servers OU.

B. Configure the RDS Servers OU to block inheritance.

C. Enable loopback processing in the RDS GPO.

D. Configure the domain to block inheritance.

E. Configure the Security Policy GPO to be enforced.

Correct Answer: E

QUESTION 4

Your company has a main office, three regional offices, and six branch offices. The network links are configured as shown in the exhibit. (Click the Exhibit button.)
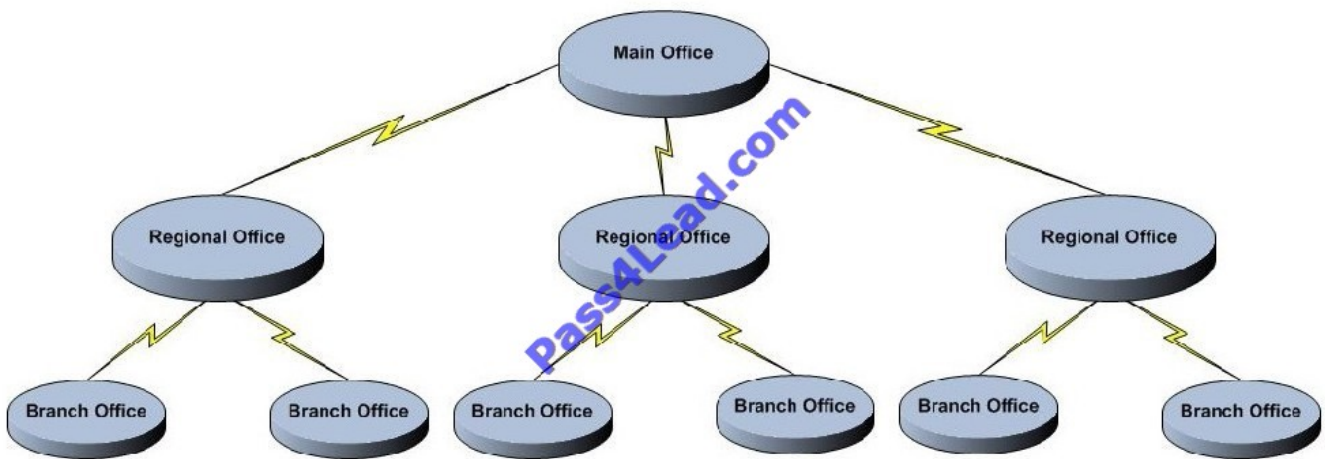
The network consists of one Active Directory domain. You create an Active Directory site for each office. You create a site link for each wide area network (WAN) link.

The Bridge all site links option is disabled.

You need to plan the deployment of domain controllers. The solution must meet the following requirements. Windows PowerShell must be installed on all domain controllers in each regional office. Domain user account passwords stored on

the domain controllers must be protected if a branch office domain controller is stolen.

What should you do?

A. In each branch office and in each regional office, install a Server Core installation of Windows Server 2008 and configure a writable domain controller.

B. In each branch office and in each regional office, install a full installation of Windows Server 2008 and configure a read-only domain controller (RODC).

C. In each branch office, install a Server Core installation of Windows Server 2008 and configure a read-only domain controller (RODC). In each regional office, install a full installation of Windows Server 2008 and configure a writable domain controller.

D. In each branch office, install a full installation of Windows Server 2008 and configure a read- only domain controller (RODC). In each regional office, install a Server Core installation of Windows Server 2008 and configure a writable domain controller.

Correct Answer: C

To ensure that the domain user account passwords stored on the domain controllers must be protected if a branch office domain controller is stolen, you need to install a Server Core installation of Windows Server 2008 and configure it as a read-only domain controller (RODC) in each branch office.

The Server Core installation of Windows Server 2008 will install only limited services on the RODC, which will store passwords. This installation will be very secure. A Server Core installation provides a minimal environment for running specific server roles, which reduces the maintenance and management requirements and the attack surface for those server roles.

Next you can install a full installation of Windows Server 2008 and configure it as a writable domain controller in each regional office firstly because for RODCs to work you need to configure writable domain controllers from where data replication can happen and secondly you need to install them because you need to install Windows PowerShell on all

domain controllers in each regional office. Reference: Server Management / Windows PowerShell
http://www.microsoft.com/windowsserver2008/en/us/server-management.aspx

Reference: Server Core Installation Option of Windows Server 2008 Step-By-Step Guide
http://technet2.microsoft.com/windowsserver2008/en/library/47a23a74- e13c-46de-8d30-
ad0afb1eaffc1033.mspx?mfr=true

QUESTION 5

You need to recommend changes to the Active Directory infrastructure of Woodgrove Bank. The changes must support
the company\\'s planned changes. What should you include in the recommendation?

A. 11 shortcut trusts

B. a two-way forest trust

C. Active Directory Rights Management Services (AD RMS)

D. Network Policy and Access Services (NPAS)

Correct Answer: B

Planned Changes
Woodgrove Bank plans to implement the following changes:
Provide Contoso users access to App1.
Deploy a satellite office the will have one domain controller.
Provide users in both companies access to the resources in either forest by using a single set of
credentials.
Implement e-mail notifications for departme4nt managers when new versions of shared documents are
saved to a network location.

QUESTION 6

You need to recommend the number of Active Directory sites and subnet objects that must be configured to meet the
company\\'s technical requirements. What should you recommend?

A. One site and one subnet

B. Two sites and two subnets

C. Two sites and four subnets

D. Four sites and four subnets

Correct Answer: D

COMPANY OVERVIEW

Northwind Traders is a manufacturing company that has a main office and three branch offices.

The network contains the IPv4 subnets shown in the following table.

Office name	IPv4 subnet
Main	10.1.1.0/24
Branch1	10.1.2.0/24
Branch2	10.1.3.0/24
Branch3	10.1.4.0/24

TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App1 is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in their respective local office first.

QUESTION 7

You need to recommend a solution for the users\\' personal documents that meets the museum\\'s security requirements. What should you include in the recommendation?

A. Active Directory Rights Management Services (AD RMS)

B. Authorization Manager

C. Encrypted File System (EFS)

D. Windows BitLocker Drive Encryption (BitLocker)

Correct Answer: C

Security Requirements
The Baldwin Museum of Science must meet the following security requirements:

- Only the users' personal documents that are stored on the file servers must be encrypted.
- Only the built-in Administrator account on each domain must be able to decrypt encrypted files.

QUESTION 8

You need to recommend a solution to ensure that the branch office users in France authenticate to a local domain controller. If a local domain controller is unavailable, the users must authenticate to a domain controller in the Paris office. What should you recommend?

A. the Contact PDC on logon failure Group Policy setting for the client computers

B. the Contact PDC on logon failure Group Policy setting for the domain controllers

C. the DC Locator DNS Records Group Policy settings for the client computers

D. the DC Locator DNS Records Group Policy settings for the domain controllers

Correct Answer: D

QUESTION 9

You need to recommend a solution for the client computers in the finance department. The solution must support the company\\'s planned changes. What should you include in the recommendation?

A. Microsoft Enterprise Desktop Virtualization (MED-V)

B. Microsoft System Center Virtual Machine Manager (VMM)

C. Windows Deployment Services (WDS)

D. Windows XP Mode

Correct Answer: B

http://technet.microsoft.com/en-us/library/cc764232.aspx

PLANNED CHANGES

Litware plans to deploy Group Policy object (GPOs). The planned deployment must meet the following requirements:

- Deploy a GPO to a user based on his respective department.
- Deploy a GPO to a client computer based on its respective local office.
- Minimize the amount of administrative effort required to manage the GPOs.
- Prevent the users in each department from receiving GPOs from other departments.

Litware plans to change the name of AD.liteware.com to east.litware.com. The planned change must meet the following requirements:

- Minimize administrative effort.
- Minimize the impact on the users in AD.liteware.com.

Litware plans to deploy RemoteApp programs to meet the following requirements:

- The RemoteApp programs must be visible from the Start menu on each client computer.
- The RemoteApp programs must be published by using the minimum amount of administrative effort.

Litware plans to deploy several Hyper-V servers that will host multiple virtual machines (VMs). The deployment must meet the following requirements:

- Minimize administrative effort.
- Back up the VMs to a tape library.
- Store all of the VM files on a Storage Area Network (SAN).
- Convert all of the client computers in the finance department to a VM.

Liteware plans to deploy a network access solution. The planned deployment must use the minimum amount of administrative effort.

QUESTION 10

You need to recommend a management solution for Server1 that supports the company\\'s planned changes. What should you include in the recommendation?

A. Access-Based Enumeration (ABE)

B. Distributed File System (DFS)

C. File Server Resource Manager (FSRM)

D. Share and Storage Management

Correct Answer: C

PLANNED CHANGES

School of Fine Art plans to deploy a 64-bit line-of-business application named App1 to all users on the network. App1 must be updated by using the minimum amount of administrative effort.

School of Fine Art plans to centralize the management of all its virtualization technologies.

School of Fine Art plans to implement the following storage requirements for the documents on Server1:

- Archive all of the content on Server 1 that is older than 180 days.
- Prevent files that have a specific file type from being uploaded to Server 1.
- Automatically send administrators a report by using e-mail that contains a list of the duplicate files on Server 1.

School of Fine Art plans to implement an auditing solution.

School of Fine Art plans to improve the performance of the PKI infrastructure.

School of Fine Art plans to deploy a Windows Update solution on all client computers.

QUESTION 11

You need to recommend a solution for App1 that supports the company\\'s planned changes. What should you include in the recommendation?

A. Microsoft Application Virtualization (App-V)

B. Microsoft Enterprise Desktop Visualization (MED-V)

C. Remote Desktop IP Visualization

D. RemoteApp

Correct Answer: B

PLANNED CHANGES

Northwind Traders plans to implement the following changes:

- Implement a remote access solution.
- Upgrade all of the client computers in the shipping department to Windows 7 Enterprise.
- Deny the users in east.northwindtraders.com access to the shared resources in contoso.com.
- Provide the users in the northwindtraders.com domain access to a shared folder in contoso.com.
- Deploy test computers that run either Windows 7 or Windows Server 2008 R2 in a lab environment.
- Deny the users in contoso.com access to the shared resources in both northwindtraders.com and east.northwindtraders.com.
- Evaluate whether to migrate all of the users in contoso.com to east.northwindtraders.com.

EXISTING ENVIRONMENT

Northwind Traders has five departments, including a shipping department. All of the client computers in the shipping department run Windows XP Service Pack 3 (SP3). All of the users in the shipping department run a line-of-business application named App1 that only runs on Windows XP.

TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App1 is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in their respective local office first.

http://technet.microsoft.com/en-us/library/ee872305.aspx

QUESTION 12

You need to plan a solution for the service accounts that meets the company\\'s security requirements. What should you include in the plan?

A. Modify the password expiration settings in GPO2.

B. Implement managed service accounts, and then configure all the application servers to use the managed service accounts.

C. Create a new domain for all of the service accounts, and then move the service accounts and the application servers to the new domain.

D. Create a new Password Settings object (PSO) in fabrikam.com, and then apply the PSO to a group containing all of the service account user objects.

Correct Answer: D

Security Requirements
Fabrikam must meet the following security requirements:
- Ensure that the passwords for all service accounts expire every 60 days.
- Maintain the current policy for changing the passwords of all other user accounts.

Existing Active Directory Environment
The network contains a single Active Directory forest. The forest contains two domains named fabrikam.com and research.fabrikam.com.

An Active Directory site exists for each office.
The main office has three domain controllers for fabrikam.com that run Windows Server 2008 R2.

The relevant organizational units (OUs) and Group Policy objects (GPOs) for fabrikam.com are configured as shown in the following table.

OU name	OU contents	Linked GPO
OU1	All of the user accounts	GPO1
OU2	All of the user accounts that are used as service accounts	GPO2
OU3	All of the computer accounts for the application servers	GPO3

The Default Domain Policy GPO for fabrikam.com requires that the password for each user account be changed every 30 days.

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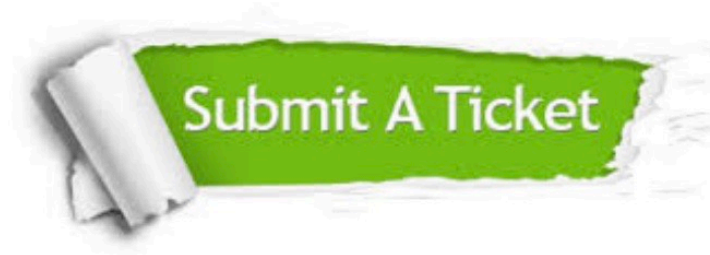
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