



70-294

Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 AD Infrastructure

Exam number/code: 70-294

Exam name: Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 AD Infrastructure

Questions & Answers: 79 Q&A

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Exam: 70-294 Certification Questions & Answers

Question 1:

You have recently been hired by TestKing.com as a network administrator. The TestKing.com network has a domain named testking.com. All servers on the TestKing.com network have Windows Server 2003 installed and all workstations have Windows XP Professional installed. The TestKing.com domain has Windows Server 2003 print servers that have printer objects.

You must only assign the TKSupport group the permissions that they require to manage the printers, print queues and printer objects in Active Directory.

How can you achieve the above goal?

- A. Access the Built-in container, and add the TKSupport group to the Server Operators group.
- B. Access the Built-in container, and add the TKSupport group to the HelpServicesGroup.
- C. Log on to the print servers, and add the TKSupport group to the Print Operators group.
- D. Log on to the print servers, and add the TKSupport group to the Power Users group.
- E. Access the Built-in container, and add the TKSupport group to the Print Operators group.

Answer: E

Explanation:

The built-in Print Operators group is responsible for managing only the printers and print queues in the domain. We should therefore add the PrinterDocs group to the Print Operators group.

Reference:

Jill Spealman , Kurt Hudson & Melissa Craft, MCSE Self-Paced Training Kit (Exam 70-294); Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure, Microsoft Press, Redmond, Washington, 2004, pp. 8: 4-11
http://www.microsoft.com/resources/documentation/WindowsServ/2003/standard/proddocs/en-us/Default.asp?url=/resources/documentation/windowsserv/2003/standard/proddocs/en-us/sag_printconcepts_12.asp

Question 2:

You administer an Active Directory forest for your company. All servers on your network run Windows Server 2003. The company's written security policy dictates that all users must log on only by using smart cards and that administrators should not log on by using their administrative credentials. The Interactive logon: Smart card removal behavior policy is set to Force Logoff in the Default Domain Policy Group Policy object (GPO). You must be able to perform various administrative tasks on any server on the network by using the least administrative effort.

Which of the following should you do?

- A. On all servers, install two smart card readers and use a secondary logon to perform administrative tasks.
- B. On your workstation, configure Remote Desktop connections to all servers and disable the local security policy that forces logoff when a smart card is removed.
- C. On your workstation, install two smart card readers and configure Remote Desktop connections to all servers.
- D. On your workstation, install the Windows Server 2003 Administrative Tools pack and use the Run as command to perform administrative tasks remotely.

Answer: C

Question 3:

You have an OU called Support. You have a GPO called RegEdit. The only setting in the RegEdit GPO is that the use of the Registry editing tools has been disabled in the User Configuration node. For performance reasons, the decision has been made to limit the numbers of GPOs that are processed at logon. The decision has been made to remove the requirement to disable the use of the Registry editing tools. What should your course of action be to implement the new decisions?

- A. Remove the RegEdit GPO from the Support OU.
- B. Create a new GPO that enables the use of the Registry editing tools. Apply the new GPO to the Support OU.
- C. Edit the Registry on the computers used by the Support OU that will allow for use of the Registry editing tools.
- D. Configure a local GPO to allow the use of the Registry editing tools. Set the No Override option to this policy.

Answer: A

Question 4:

Your supervisor asks you how Active Directory knows which transactions have been committed to the database. You explain that this is tracked in a file known as:

- A. Edb.log
- B. Ntds.dit
- C. Edb.chk
- D. Edb00001.log

Answer: C

Question 5:

The TestKing.com network has domain named testking.com. The TestKing.com network consists of seven servers that have Windows Server 2003 installed. Five of the servers are configured as domain controllers, of which two are functional as DNS servers named TESTKING-SR01 and TESTKING-SR02.

You are preparing to add a child domain named north.testking.com. Thereafter, you join a Windows Server 2003 server named TESTKING-SR03 to the domain.

A short time later you are informed that the first domain controller in the domain has gone offline. The CIO instructs you to carry on adding the new child domain and promoting TESTKING-SR03 to a domain controller in the north.testking.com domain.

As you try to execute the dcpromo command on TESTKING-SR03, you are presented with an error message stating that the operation has failed as a result of Active Directory not being able to contact the domain naming master.

Which of the following actions should you take? (Choose all that apply)

- A. Access the DNS client settings on TESTKING-SR03 and configure it to make use of the DNS server that is cached for the domain.
- B. Set up a testking.com domain controller to have all operations master roles.
- C. Set up an existing domain controller to have a copy of the global catalog.

D. Set up an existing domain controller to enable universal caching.

Answer: B

Explanation:

The first domain controller installed in the forest will by default, have the domain naming master operations master role. The question states that the first domain controller installed fails due to a hardware failure. This means that the forest has no domain naming master. A domain naming master is required to create additional domains in the forest. To add another domain, we need to configure one of the other testking.com domain controllers to hold at least the domain naming master role (or as the answer states, all of the operations master roles).

Incorrect Answers:

A: This is not a DNS problem.

C: Exam 70-294: Planning, Implementing, and Maintaining a Windows Server 2003 Active Directory Infrastructure Study Guide & DVD Training System, Syngress Publishing, Rockland, MA, 2003, pp. 501-508.

D: We need a domain naming master, not a global catalog server. Reference: Michael Cross, Jeffery A. Martin, Todd A. Walls, Martin Grasdahl, Debra Littlejohn Shinder & Dr. Thomas W. Shinder

Question 6:

Heather has been hired to come into your company and install a customized Directory-enabled application. Only the users in your branch office located in Fresno, California use this application. Your headquarters is in Santa Rosa, California, and you created a site for each location and set up directory replication over the slow WAN link to occur only at night. Access between the sites occurs at that time, but occasionally you allow the sites to connect during the day when a certain threshold of requests is reached. You create a temporary account for Heather and place the new account in the Schema Admins group. Heather begins to install the application but soon realizes that the schema will not let her extend it, as the application requires? Which is a possible reason for this?

A. She must install the application in Santa Rosa and then set up Terminal Services for the users in Fresno to access the application remotely.

B. She needs to wait for the schema extension requests to be processed between the two sites.

C. The Schema FSMO is unavailable.

D. The schema can only be extended on the DC that holds the Schema FSMO.

Answer: C

Question 7:

You work as the network administrator at TestKing.com. The TestKing.com network has a domain named testking.com. All servers on the TestKing.com network have Windows Server 2003 installed and all workstations have Windows XP Professional installed.

TestKing.com has its headquarters in Atlanta and a branch office in Miami. The two offices are configured a separate sites that belong to the testking.com domain. TestKing.com has domain controllers located in the Atlanta and Miami sites. However, the operations master roles are located at the Atlanta site. The two sites are connected via a dedicated WAN link, as well as a site link that is used for replication outside of business hours.

You must configure separate GPOs that can be used to administer configurations of computers in the respective sites. You want the GPOs to be generated and applied in the correct site as soon as possible.

Which of the following actions should you take?

- A. The Atlanta and Miami sites should be connected using a remote procedure call (RPC) connection object.
- B. Configure a global catalog in each site.
- C. Check whether the Infrastructure master role has malfunctioned.
- D. Access the Group Policy and Active Directory consoles and configure it to access a domain controller in the site in which you should apply the GPO.

Answer: D

Explanation:

Creating the GPO on a domain controller in a particular site will apply the GPO much quicker than if the GPO were created on a domain controller in a different site across a site link. This is because no replication will need to occur for the settings to take effect.

Reference:

Jill Spealman , Kurt Hudson & Melissa Craft, MCSE Self-Paced Training Kit (Exam 70-294); Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure, Microsoft Press, Redmond, Washington, 2004, pp. 10-31 to 10-48

Question 8:

The TestKing.com network has a domain named testking.com. All servers on the TestKing.com network have Windows Server 2003 installed. Half the workstations have Windows XP Professional installed, and the rest have either Windows 2000 Professional or Windows NT Workstation 4.0 installed. All computer accounts reside in an organizational unit (OU) named Workstations, while all user accounts reside in an OU named Users.

TestKing.com's updated security policy stipulates that a warning message has to be displayed at log on for all TestKing.com users.

Which combination of the following actions must you perform to adhere to the updated security policy? (Choose all that apply)

- A. By configuring a new GPO containing the relevant settings in the interactive logon section.
- B. By configuring the appropriate changes to the default Domain Policy containing the relevant settings in the interactive logon section.
- C. By generating a system policy file, named Ntconfig.pol, and configuring it with the applicable settings.
- D. By using Replication Monitor to force replication
- E. By linking the GPO to the testking.com domain.
- F. By adding a copy of the Ntconfig.pol file in the correct folder on the server.
- G. By running the repadmin command on a domain controller in the Dallas site.

Answer: A,C,E,F

Explanation:

We need to configure a GPO to display the logon message that will apply to the Windows 2000 and Windows XP clients. We need to configure a system policy to display the logon message that will apply to the Windows NT clients.

This policy is created with System policies and the System Policy Editor, System policies are used by network administrators to configure and control individual users and their computers. Administrators use POLEDIT.EXE to set Windows NT profiles that are either network- or user-based. Using this application, you can create policies, which are either local or network-driven, that can affect Registry settings for both hardware and users. The file created to apply the policy is named NTConfig.pol.

Reference:

Jill Spealman , Kurt Hudson & Melissa Craft, MCSE Self-Paced Training Kit (Exam 70-294);

TestKing [Microsoft 70-294](#) Exam Questions & Answers

Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure, Microsoft Press, Redmond, Washington, 2004, pp. 10-3 to 10-12, 10-16 to 10-20

Question 9:

The TestKing.com network has a domain named testking.com. All servers in the testking.com domain run Windows Server 2003. Your job description involves the planning of the domain structure for testking.com.

You must create a new child domain in the testking.com domain. To this end you deploy a new Windows server 2003 computer named TESTKING-SR10 on the network. Then you check for successful communication with the other computers on the TestKing.com network.

You then decide to make use of Active Directory Installation Wizard to create the new child domain. You navigate to the location in which you want to deploy the first domain controller. You then get prompted to specify a user account from the parent domain. However, your efforts fail and the promotion of TESTKING-SR10 to a domain controller comes to naught. Instead you receive an error message that states that no domain controllers for the parent domain can be found.

Which of the following actions should you take to rectify the error in the child domain that prevents you from promoting the server to a domain controller?

- A. For the purpose of name resolution, TESTKING-SR10 should be configured to use another DNS server.
- B. TESTKING-SR10 should be configured to make use of another WINS server for the purpose of name resolution.
- C. To rectify the error the Active Directory Installation Wizard should be run again. When prompted you need to specify a user account that enjoys Schema Admins group membership.
- D. Prior to joining TESTKING-SR10 to the testking.com domain, you need to run the Active Directory Installation Wizard yet again.

Answer: A

Explanation:

Windows Server 2003 operating system makes use of DNS as the locator service. This is to locate the domain controllers on the network. Currently the problem here arises because TESTKING-SR10 is unable to locate domain controllers for testking.com. This means that the DNS client on TESTKING-SR10 is not configured to use a DNS server that can locate the domain controllers. The scenario states that TESTKING-SR10 can communicate successfully with the other computers on the network. It makes use of NetBIOS over TCP/IP to use WINS server or b-node broadcasts for the purpose of name resolution. However, TESTKING-SR10 is configured with Windows Server 2003; you should configure it to use a DNS server that is authoritative for testking.com and then run the Active Directory Installation Wizard again.

Incorrect Answers:

- B: Windows Server 2003 requires DNS server locator and not WINS.
- C: Membership of the Schema Admins group is not enough to be able to create a new child domain. The user account requires either Enterprise Admins universal group membership or Domain Admins global group membership.
- D: It is unnecessary to join TESTKING-SR10 to the testking.com domain prior to its promotion to domain controller. All that is required would be to run Active Directory Installation Wizard on a stand-alone server and promote it to a domain controller in any domain. This can be accomplished as long as you provide credentials for the user account with adequate privileges.

Question 10:

All servers on the TestKing.com network have Windows Server 2003 installed. A domain controller named TESTKING-DC01 is configured as an enterprise root certification authority (CA).

An existing TestKing.com security policy stipulates that all connections to external computers must make use of IPSec for secure connections. Furthermore, this means that all IPSec connections must have a computer certificate.

Which of the following actions should you take to make sure that all TestKing.com's computers adhere to the security policy?

- A. You should automatically issue user certificates from your enterprise CA to all users on the TestKing.com network by using a GPO. Then you can import the root CA certificate of a partner company into the Trusted Root Certification Authorities user certificate store.
- B. Navigate to the computer settings section to set up a new automatic certificate request in the Default Domain Policy Group Policy object (GPO).
- C. You should acquire a computer certificate from a commercial CA and then save it into the Personal computer certificate store on all TestKing.com computers.
- D. You should acquire a user certificate from a commercial CA to digitally encrypt all communications that occur to and from all TestKing.com computers.

Answer: B

Explanation:

Each computer must have a unique, computer specific, certificate for IPSec. The certificate contains the hostname of the computer. The answer is to create a new automatic certificate request in the computer settings section of the Default Domain Policy Group Policy object (GPO). The automatic request will allow the computer to get a unique certificate that has the hostname of the computer, which will work for IPSec.

Reference:

J. C. Mackin , Ian McLean, MCSA/MCSE self-paced training kit (exam 70-291):
Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure, Microsoft Press, Redmond, Washington, 2004, p.11: 88
James Chellis , Paul Robichaux , and Matthew Sheltz , MCSA/MCSE: Windows Server 2003 Network Infrastructure Implementation, Management, and Maintenance Study Guide, Sybex Inc., Alameda, 2004, p. 11: 15
Michael Cross, Jeffery A. Martin, Todd A. Walls, Martin Grasdal , Debra Littlejohn Shinder & Dr. Thomas W. Shinder , MCSE: Exam 70-294: Planning, Implementing, and Maintaining a Windows Server 2003 Active Directory Infrastructure Study Guide & DVD Training System, Syngress Publishing, Rockland, MA, 2003, Chapter 9, p. 612

Question 11:

You created three OUs for your domain: one called Corp, and two child OUs called Sales and Tech. You create two GPOs, one called Desktop and the other called Network. The Desktop GPO specifies the desktop settings for all users. The Network GPO specifies the network and Registry policies. The Desktop policy prohibits users from being able to change their wallpaper. You first apply the Desktop GPO to the Corp OU, and then apply the Network GPO to the Corp OU. You delegated control of the OU to the senior member of the Tech group. Later, the Tech OU manager modifies the Desktop GPO to allow his users to change their wallpaper. What should you do to ensure that their changes will not take effect?

- A. Nothing, since the GPOs were not applied to the Tech OU, they will not affect the users.
- B. You should set No Override on the Tech OU so that its settings are not overridden.
- C. You should set No Override on the Corp OU so that its settings are not overridden.
- D. You should set Block Inheritance on the Tech OU so that the settings from the parent OU are not applied to the child OU.

Answer: C

Question 12:

What term describes what happens when a user double-clicks on a file with an associated extension that launches the installation of a package configured in Group Policy?

- A. Folder redirection
- B. Document invocation
- C. Blocking inheritance
- D. No override

Answer: B

Question 13:

You have multiple locations that are part of the Default-First-Site-Name site. These locations are in Florida, Oregon, and Iowa. You have instituted GC servers at each location. While monitoring your network, you are noticing a lot of replication traffic between the locations. How can you remedy the amount of replication traffic and how that traffic is handled?

- A. Implement the use of Subnet objects
- B. Implement the use of Object classes
- C. Implement the use of sites
- D. Implement the use of site connectors

Answer: C

Question 14:

A company uses a single-master domain model, with resource domains for each of its divisions. It has registered two domains under the names [www.dotnetforce.com](#) and [www.w3force.com](#). In this situation, which Active Directory information will be replicated between DCs in the [dotnetforce.com](#) and the [w3force.com](#) domains?

- A. Domain-naming context
- B. Schema-naming context
- C. Configuration-naming context
- D. GC
- E. SYSVOL

Answer: B,C,D

Question 15:

The TestKing.com network has a domain named [testking.com](#). All servers on the TestKing.com network have Windows Server 2003 installed and all workstations have Windows XP Professional installed. TestKing.com has its headquarters in Atlanta and a branch office in Georgia. These offices are configured as separate sites.

TestKing.com has a dedicated WAN link, as well as a site link that connects Atlanta and Georgia. All domain controllers are located in the Atlanta site.

You receive instruction to redirect the My Documents folder of all TestKing.com users. You use a Group Policy object (GPO) to perform the redirection and link it to the domain. TestKing.com users in Atlanta report that their folders have been effectively redirected. TestKing.com users in Georgia, however, report that their folders are not being redirected.

Which of the following actions should you take to rectify this problem?

- A. Edit the GPO, enable the User Group Policy loopback processing mode policy, choose replace, and define the required policy settings.
- B. Edit the GPO, enable the User Group Policy loopback processing mode policy, choose merge mode, and define the required policy settings.
- C. Link the GPO to Atlanta and to Georgia rather than the domain.
- D. Disable Group Policy slow link detection in a new GPO that is linked to Georgia.

Answer: D

Explanation:

The users in Georgia receive their GPOs from domain controllers in Atlanta. The bandwidth of the link between the two sites is less than 500Kbps which is the 'slow link' threshold. Therefore, if slow link detection is enabled, the policy won't apply. To apply the policy to users in Georgia, we need to disable slow link detection.

Reference:

Jill Spealman , Kurt Hudson & Melissa Craft, MCSE Self-Paced Training Kit (Exam 70-294); Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure, Microsoft Press, Redmond, Washington, 2004, pp. 11-28 to 11-48

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