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QUESTION & ANSWER



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**Exam : 70-412**

**Title : Configuring Advanced  
Windows Server 2012  
Services**

**Version : DEMO**

1. Your company recently deployed a new Active Directory forest named contoso.com. The first domain controller in the forest runs Windows Server 2012 R2.

You need to identify the time-to-live (TTL) value for domain referrals to the NETLOGON and SYSVOL shared folders.

Which tool should you use?

- A. Ultrasound
- B. Replmon
- C. Dfsdiag
- D. Frsutil

**Answer: C**

**Explanation:**

DFSdiag can check your configuration in five different ways:

- Checking referral responses (DFSdiag /TestReferral)
- Checking domain controller configuration
- Checking site associations
- Checking namespace server configuration
- Checking individual namespace configuration and integrity

References: <https://blogs.technet.microsoft.com/josebda/2009/07/15/five-ways-to-check-your-dfs-namespaces-dfs-n-configuration-with-the-dfsdiag-exe-tool/>

## 2.HOTSPOT

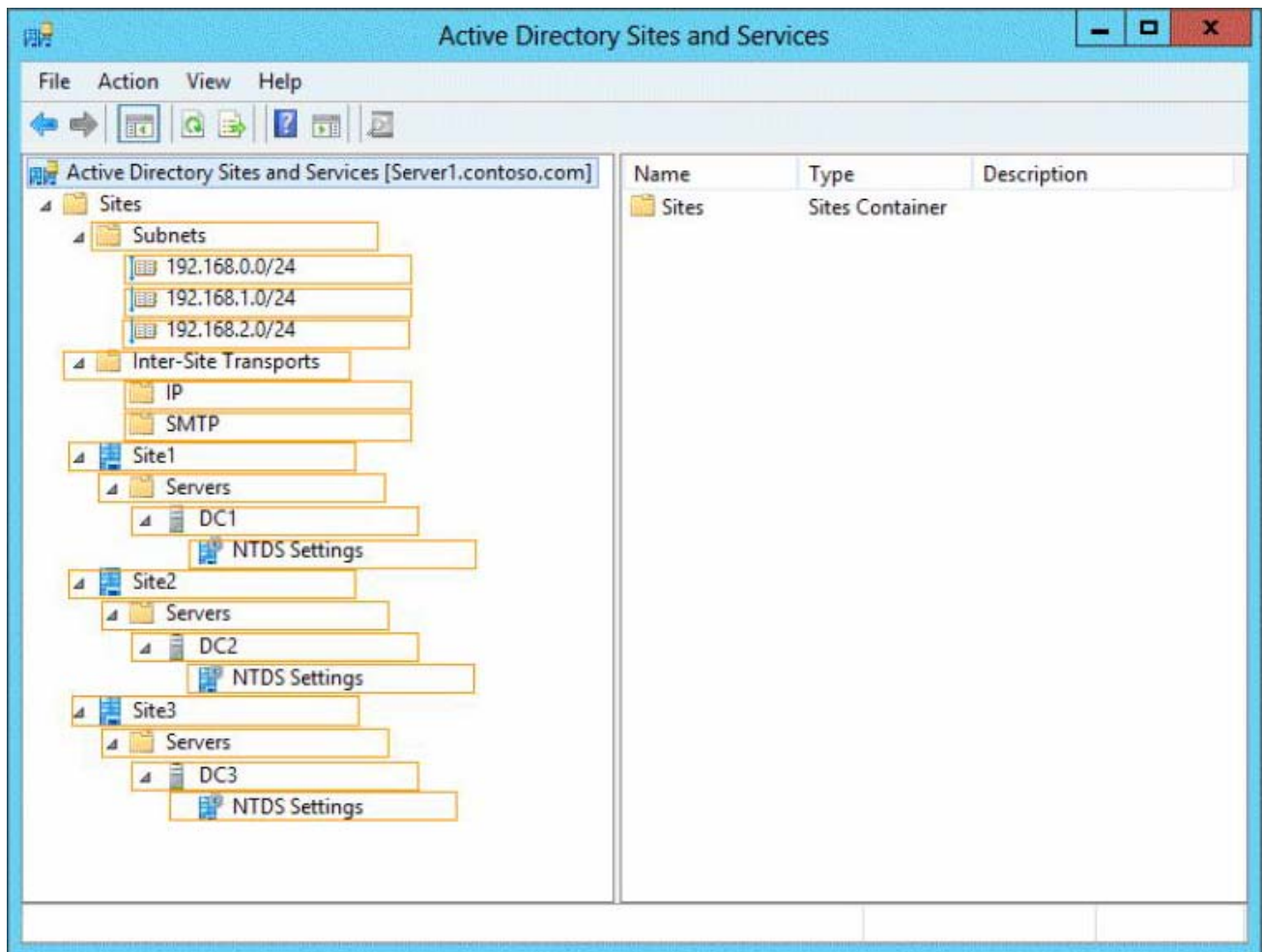
Your network contains an Active Directory forest named contoso.com that contains a single domain. The forest contains three sites named Site1, Site2, and Site3.

Domain controllers run either Windows Server 2008 R2 or Windows Server 2012 R2.

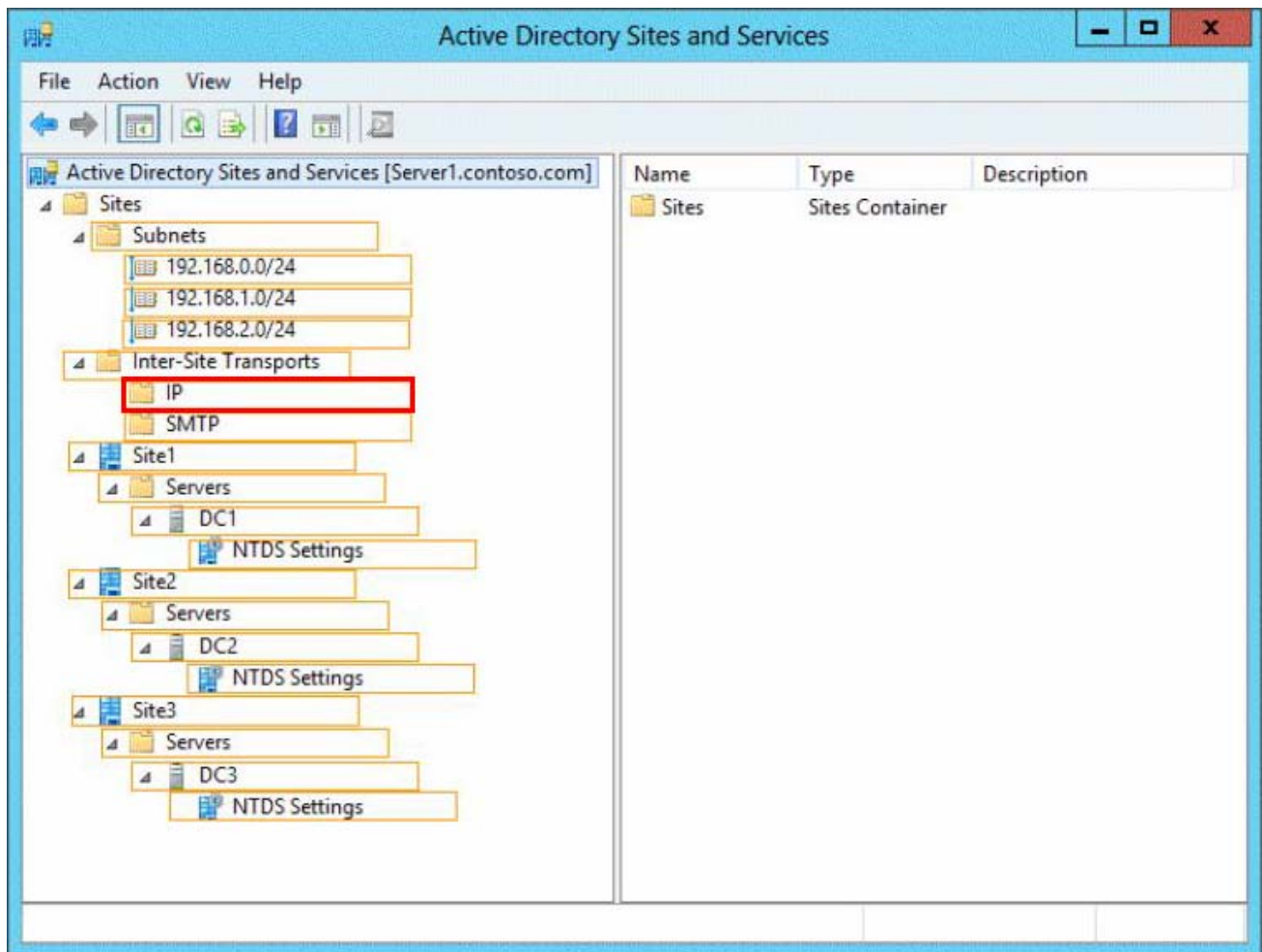
Each site contains two domain controllers. Site1 and Site2 contain a global catalog server.

You need to create a new site link between Site1 and Site2. The solution must ensure that the site link supports the replication of all the naming contexts.

From which node should you create the site link? To answer, select the appropriate node in the answer area.



**Answer:**



### Explanation:

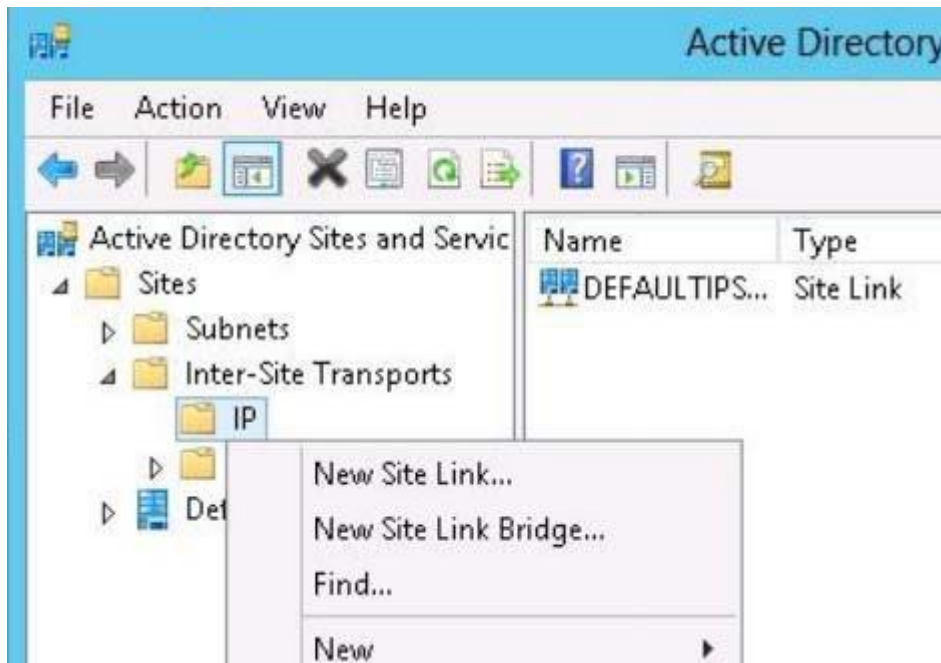
Create a Site Link

To create a site link

- Open Active Directory Sites and Services. To open Active Directory Sites and Services, click Start, click Administrative Tools, and then click Active Directory Sites and Services. To open Active Directory Sites and Services in Windows Server® 2012, click Start, type dssite.msc.

- In the console tree, right-click the intersite transport protocol that you want the site link to use.

Use the IP intersite transport unless your network has remote sites where network connectivity is intermittent or end-to-end IP connectivity is not available. Simple Mail Transfer Protocol (SMTP) replication has restrictions that do not apply to IP replication.



Reference: Create a Site Link [p://technet.microsoft.com/en-us/library/cc731294.aspx](http://technet.microsoft.com/en-us/library/cc731294.aspx)

3. Your network contains two Active Directory forests named contoso.com and adatum.com. Contoso.com contains one domain. Adatum.com contains a child domain named child.adatum.com. Contoso.com has a one-way forest trust to adatum.com. Selective authentication is enabled on the forest trust.

Several user accounts are migrated from child.adatum.com to adatum.com. Users report that after the migration, they fail to access resources in contoso.com. The users successfully accessed the resources in contoso.com before the accounts were migrated.

You need to ensure that the migrated users can access the resources in contoso.com.

What should you do?

- A. Replace the existing forest trust with an external trust.
- B. Run netdom and specify the /quarantine attribute.
- C. Disable SID filtering on the existing forest trust.
- D. Disable selective authentication on the existing forest trust.

**Answer: C**

**Explanation:**

Security Considerations for Trusts

Need to gain access to the resources in contoso.com

Disabling SID Filter Quarantining on External Trusts

Although it reduces the security of your forest (and is therefore not recommended), you can disable SID filter quarantining for an external trust by using the Netdom.exe tool. You should consider disabling SID filter quarantining only in the following situations:

\* Users have been migrated to the trusted domain with their SID histories preserved, and you want to grant them access to resources in the trusting domain based on the SID history attribute.

Etc.

Incorrect:

Not B. Enables administrators to manage Active Directory domains and trust relationships from the

command prompt, /quarantine Sets or clears the domain quarantine.

Not D. Selective authentication over a forest trust restricts access to only those users in a trusted forest who have been explicitly given authentication permissions to computer objects (resource computers) that reside in the trusting forest.

Reference: Security Considerations for Trusts

[http://technet.microsoft.com/en-us/library/cc755321\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc755321(v=ws.10).aspx)

#### 4.HOTSPOT

Your network contains an Active Directory domain named contoso.com. The domain contains domain controllers that run either Windows Server 2003, Windows Server 2008 R2, or Windows Server 2012 R2. You plan to implement a new Active Directory forest. The new forest will be used for testing and will be isolated from the production network. In the test network, you deploy a server named Server1 that runs Windows Server 2012 R2. You need to configure Server1 as a new domain controller in a new forest named contoso.test.

The solution must meet the following requirements:

- The functional level of the forest and of the domain must be the same as that of contoso.com.
- Server1 must provide name resolution services for contoso.test.

What should you do? To answer, configure the appropriate options in the answer area.

The screenshot shows the 'Active Directory Domain Services Configuration Wizard' window. The title bar reads 'Active Directory Domain Services Configuration Wizard'. The main window has a left-hand navigation pane with the following items: 'Deployment Configuration', 'Domain Controller Options' (which is selected and highlighted in blue), 'Additional Options', 'Paths', 'Review Options', 'Prerequisites Check', 'Installation', and 'Results'. The main content area is titled 'Domain Controller Options' and includes a 'TARGET SERVER' label with the value 'Server1'. The content area contains the following sections and controls:

- Select functional level of the new forest and root domain:**
  - 'Forest functional level:' with a dropdown menu.
  - 'Domain functional level:' with a dropdown menu.
- Specify domain controller capabilities:**
  - ☐ Domain Name System (DNS) server
  - ☒ Global Catalog (GC)
  - ☐ Read only domain controller (RODC)
- Type the Directory Services Restore Mode (DSRM) password:**
  - 'Password:' with a text box containing 12 dots.
  - 'Confirm password:' with a text box containing 12 dots.

At the bottom of the window, there are four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'. A link 'More about domain controller options' is located at the bottom left of the main content area.



The screenshot shows the 'Active Directory Domain Services Configuration Wizard' window. The title bar includes the Windows logo, the text 'Active Directory Domain Services Configuration Wizard', and standard window controls. The main window has a blue header with the title 'Domain Controller Options' and a 'TARGET SERVER' label with the value 'Server1'. On the left is a navigation pane with links: 'Deployment Configuration', 'Domain Controller Options' (highlighted), 'Additional Options', 'Paths', 'Review Options', 'Prerequisites Check', 'Installation', and 'Results'. The main content area is titled 'Select functional level of the new forest and root domain'. It contains two dropdown menus for 'Forest functional level' and 'Domain functional level', both showing a list of Windows Server versions: 'Windows Server 2003', 'Windows Server 2008', 'Windows Server 2008 R2', and 'Windows Server 2012'. Below these is a section 'Specify domain controller capabilities' with three checkboxes: 'Domain Name System (DNS) server' (unchecked), 'Global Catalog (GC)' (checked), and 'Read only domain controller (RODC)' (unchecked). Further down is a section 'Type the Directory Services Restore Mode (DSRM) password' with two password fields labeled 'Password:' and 'Confirm password:', both filled with dots. At the bottom of the main area is a link 'More about domain controller options'. The footer contains four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'.

Active Directory Domain Services Configuration Wizard

TARGET SERVER  
Server1

Domain Controller Options

Deployment Configuration  
Domain Controller Options  
Additional Options  
Paths  
Review Options  
Prerequisites Check  
Installation  
Results

Select functional level of the new forest and root domain

Forest functional level:

Domain functional level:

Specify domain controller capabilities

☐ Domain Name System (DNS) server  
☒ Global Catalog (GC)  
☐ Read only domain controller (RODC)

Type the Directory Services Restore Mode (DSRM) password

Password:

Confirm password:

More about domain controller options

< Previous Next > Install Cancel

Answer:



Active Directory Domain Services Configuration Wizard

Domain Controller Options

TARGET SERVER  
Server1

Deployment Configuration  
**Domain Controller Options**  
Additional Options  
Paths  
Review Options  
Prerequisites Check  
Installation  
Results

Select functional level of the new forest and root domain

Forest functional level:  
Windows Server 2003  
Windows Server 2008  
Windows Server 2008 R2  
Windows Server 2012

Domain functional level:  
Windows Server 2003  
Windows Server 2008  
Windows Server 2008 R2  
Windows Server 2012

Specify domain controller capabilities

☒ Domain Name System (DNS) server  
☒ Global Catalog (GC)  
☐ Read only domain controller (RODC)

Type the Directory Services Restore Mode (DSRM) password

Password: .....  
Confirm password: .....

[More about domain controller options](#)

< Previous Next > Install Cancel

### Explanation:

Set the forest function level and the Domain functional level both to Windows Server 2003.

Also check Domain Name (DNS) server.

Note:

\* When you deploy AD DS, set the domain and forest functional levels to the highest value that your environment can support. This way, you can use as many AD DS features as possible. For example, if you are sure that you will never add domain controllers that run Windows Server 2003 to the domain or forest, select the Windows Server 2008 functional level during the deployment process. However, if you might retain or add domain controllers that run Windows Server 2003, select the Windows Server 2003 functional level.

\* You can set the domain functional level to a value that is higher than the forest functional level. For example, if the forest functional level is Windows Server 2003, you can set the domain functional level to Windows Server 2003 or higher.

Reference: Understanding Active Directory Domain Services (AD DS) Functional Levels

5. Your network contains an Active Directory forest named adatum.com. The forest contains a single domain. The domain contains four servers.

The servers are configured as shown in the following table.

Server name	Configuration	Operating system
DC1	<ul style="list-style-type: none"><li>• Global catalog server</li><li>• Domain controller</li><li>• Schema master</li><li>• DNS server</li></ul>	Windows Server 2003 R2
DC2	<ul style="list-style-type: none"><li>• Domain controller</li><li>• PDC emulator</li><li>• DHCP server</li><li>• DNS server</li></ul>	Windows Server 2003 R2
DC3	<ul style="list-style-type: none"><li>• Infrastructure master</li><li>• Global catalog server</li><li>• Domain controller</li><li>• WINS server</li></ul>	Windows Server 2008 R2
Server1	<ul style="list-style-type: none"><li>• Member server</li><li>• WINS server</li><li>• DNS server</li></ul>	Windows Server 2003 R2

You need to update the schema to support a domain controller that will run Windows Server 2012 R2.

On which server should you run adprep.exe?

- A. Server1
- B. DC3
- C. DC2
- D. DC1

**Answer: B**

**Explanation:**

We must use the Windows Server 2008 R2 Server.

Upgrade Domain Controllers to Windows Server 2012 R2 and Windows Server 2012

You can use adprep.exe on domain controllers that run 64-bit versions of Windows Server 2008 or Windows Server 2008 R2 to upgrade to Windows Server 2012. You cannot upgrade domain controllers that run Windows Server 2003 or 32-bit versions of Windows Server 2008. To replace them, install domain controllers that run a later version of Windows Server in the domain, and then remove the domain controllers that Windows Server 2003.

Reference: Upgrade Domain Controllers to Windows Server 2012 R2 and Windows Server 2012, Supported in-place upgrade paths.

[http://technet.microsoft.com/en-us/library/hh994618.aspx#BKMK\\_UpgradePaths](http://technet.microsoft.com/en-us/library/hh994618.aspx#BKMK_UpgradePaths)