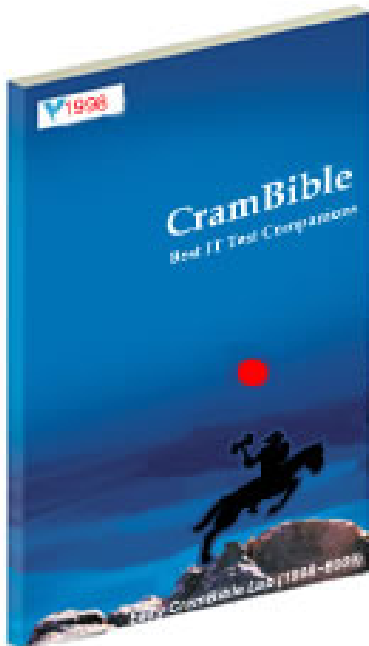


# Easy CramBible Lab



**70-647**

**Microsoft PRO:  
Windows Server 2008,  
Enterprise Administrator**

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**THE TOTAL NUMBER OF QUESTIONS IS 117****QUESTION NO: 1**

You are an enterprise administrator for CramBible. The company has a head office in Rio de Janeiro and a branch office in Kuala Lumpur.

The corporate network of CramBible consists of an Active Directory forest having two domains, CramBible.com and Branch.CramBible.com for the head office and the branch office respectively.

All of the servers on the corporate network run Windows Server 2008 and both of the offices hold their respective domain controllers at their physical office locations.

The two domain controllers at Head office (Rio) are called CramBibleServer1 and CramBibleServer2 and the two domain controllers at Branch (Kuala Lumpur) office are called CramBibleServer3 and CramBibleServer4. All of the domain controllers host Active Directory-integrated DNS zones for their respective domains.

As an enterprise administrator of the company, you have been assigned the task to ensure that users from each office can resolve computer names for both domains from a local DNS server. Which of the following options would you choose to accomplish this task? Select two. Each selected option will form a part of the answer.

- A. Configure conditional forwarders on CramBibleServer1 to point to CramBibleServer3.
- B. In the branch office, install a DHCP Relay Agent.
- C. Add the CramBible.com DNS zone to the ForestDNSZones partition.
- D. Create a stub DNS zone for CramBible.com on CramBibleServer3.
- E. Add the Branch.CramBible.com DNS zone to the ForestDNSZones partition.
- F. In the head office, install a DHCP server.
- G. Create a standard primary DNS zone named CramBible.com on CramBibleServer3.
- H. Create a stub DNS zone for Branch.CramBible.com on CramBibleServer1.
- I. Create a standard primary DNS zone named Branch.CramBible.com on CramBibleServer1.
- J. Configure conditional forwarders on CramBibleServer3 to point to CramBibleServer1.

**Answer: C,E**

**Explanation:**

To ensure that users from each office can resolve computer names for both domains from a local DNS server, you need to add the CramBible.com and the Branch.CramBible.com DNS zones to the

ForestDNSZones partition because the ForestDNSZones directory partition can be replicated among all domain controllers (DCs) located in both the domains CramBible.com and Branch.CramBible.com in the forest of the company.

This is because all the domain controllers have the DNS service installed. Once the DNS Zones data is replicated the users from each office can resolve computer names for both domains from their local DNS server. A stub zone cannot be used because it is used to resolve names between separate DNS namespaces. A Standard Primary DNS zone cannot be used because the DNS Server in this type of zone contains the only writable copy of the DNS zone database files. There can be only one Standard Primary DNS Server for a particular zone. A conditional forwarder cannot be used because it handles name resolution only for a specific domain.

Reference : What causes the error I receive in the event log when I attempt to replicate the ForestDNSZones directory partition?

<http://windowsitpro.com/article/articleid/43165/q-what-causes-the-error-i-receive-in-the-event-log-when-i-attempt-to-replicate-the-forestdnszones-directory-partition.html>

Reference : Understanding stub zones

<http://207.46.196.114/windowsserver/en/library/648f2efd-0ad4-4788-80c8-75f8491f660e1033.mspx?mfr=true>

Reference : DNS Conditional Forwarding in Windows Server 2003

[http://www.windowsserver.com/articles\\_tutorials/DNS\\_Conditional\\_Forwarding\\_in\\_Windows\\_Server\\_2003.html](http://www.windowsserver.com/articles_tutorials/DNS_Conditional_Forwarding_in_Windows_Server_2003.html)

## QUESTION NO: 2

You are an enterprise administrator for CramBible. The company has a head office and a three branch offices. Each office has a Windows Server 2008 server running with the DNS role installed on it.

All of the branch offices consist of Windows 2000 Professional client computers installed on their networks. As an enterprise administrator for the company, you have been assigned the task of deploying Active Directory Domain Services (AD DS) on the corporate network of the company.

You also need to plan the implementation of a name resolution solution for the deployment of AD DS that supports secure dynamic updates and that minimizes the response times for users connecting to resources anywhere on the network.

Which of the following options would you choose to accomplish this task?

- A. Create a standard primary zone in the head office with secondary zones in the branch offices.
- B. Configure forwarders on the main office DNS servers to point to the branch office servers.
- C. None of the other alternatives apply.
- D. Implement a single Active Directory-integrated (ADI) DNS zone.
- E. Configure conditional forwarders for the parent domain on the child domain DNS servers.
- F. Create a stub zone on the DNS server in each branch office.
- G. Implement a GlobalNames zone (GNZ) for the forest.

**Answer: D**

**Explanation:**

To deploy Active Directory Domain Services (AD DS) on the corporate network of the company with given requirements, you need to implement a single Active Directory-integrated (ADI) DNS zone. Active Directory integrated (ADI) DNS zones enables built-in recovery, scalability, and performance. An ADI zone is a writeable copy of a forward lookup zone that is hosted on a domain controller.

It can therefore reduce the response times for users connecting to resources anywhere on the network and because it uses directory-integrated storage it also simplifies dynamic updates for DNS clients that are running Windows 2000. None of the other options can be used to meet the desired objectives.

Reference: From the Windows 2000 Resource Kit

<http://windowsitpro.com/article/articleid/76616/jsi-tip-5312-when-you-change-your-dns-active-directory-integrated-zone-type-to-secondary-it-changes-back-to-active-directory-integrated-when-you-restart.html>

Reference: ACTIVE DIRECTORY ADMINISTRATION TIPS

[http://searchwinit.techtarget.com/tip/0,289483,sid1\\_gci1115858,00.html](http://searchwinit.techtarget.com/tip/0,289483,sid1_gci1115858,00.html)

**QUESTION NO: 3**

You are an enterprise administrator for CramBible. The company has a head office and a branch office located at different physical locations. The corporate network of the company consists of a single Active Directory domain.

Both of the offices of the company run Windows Server 2008 servers and have 2,000 client computers configured as DHCP clients without having DHCP relay supported on the network routers.

As an enterprise administrator of the company, you have been assigned the task of configuring a DHCP addressing solution for both of the offices that would minimize the traffic between the offices and that is available in case any one of the DHCP servers fails.

Which of the following options would you choose to accomplish this task?

- A. In the head office, install a DHCP instance on a two node failover cluster and in the branch office, install a DHCP Relay Agent.
- B. Add the failover clustering feature on the network by configuring the head officer server as a passive node and branch office server as an active node.
- C. Install two DHCP servers, one in the head office and the other in branch office and make sure that both the DHCP servers have two scopes.
- D. None of the other alternatives apply.
- E. Install a DHCP instance on a two node failover cluster in each office, the head office and the branch office.
- F. Add the failover clustering feature on the network by configuring the branch officer server as a passive node and head office server as an active node.
- G. In the head office, install a DHCP server and in the branch office, install a DHCP Relay Agent.

**Answer: E**

**Explanation:**

To configure a DHCP addressing solution for both of the offices that would minimize the traffic between the offices and that is available in case any one of the DHCP server fails, you need to install a DHCP instance on a two node failover cluster in each office, the head office and the branch office. The two node failover cluster in each office will ensure that the DHCP service is always available even if one of the DHCP servers fails. Because DHCP relay is not supported on the network, both the offices need to have a separate DHCP failover clustering solution.

Having two scopes of DHCP servers will not help because DHCP relay is not supported on the network. Installing a DHCP server and DHCP Relay Agent in the branch office and installing a DHCP instance on a two node failover cluster and in the branch office and a DHCP Relay Agent will not help because this solution would increase the traffic between the offices in case any one of the DHCP server fails.

Reference: Step-by-Step Guide for Configuring Two-Node File Server Failover Cluster in Windows Server 2008 <http://209.85.175.104/search?q=cache:9u-snEWIUtgJ:download.microsoft.com/download/b/1/0/b106fc39-936c-4857-a6ea-3fb9d1f37063/Step-by-Step%2520Guide%2520for%2520Configuring%2520a%2520Two-Node%2520File%2520Server%2520Failover%2520Cluster%2520in%2520Windows%2520Server%25202008.doc+DHCP+instance+on+a+two+node+failover+cluster+server+2008&hl=en&ct=clnk>