

RE: REPOST – Site Design

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-04/msg02065.html>

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 - *Date:* Thu, 13 Apr 2006 06:52:20 GMT
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Hi Jonathan,

Thanks for posting here.

From your post, I understand that you want to know how to configure DNS

between two offices that are connected through hardware VPN tunnel. If I am off base, please feel free to let me know.

Based on my knowledge and the current information, I believe the Windows Server 2003 is the additional Domain Controller in Windows SBS 2003 domain. So in this case, I suggest you consider the following things:

Replication between two sites:

Active Directory balances the need for up-to-date directory information with the need for bandwidth optimization by replicating information within a site more frequently than between sites. You can also configure the relative cost of connectivity between sites to further optimize replication.

1. The DNS replication between two sites. You can set the primary zone type in Windows SBS 2003 DNS server, and set the secondary zone type in Windows Server 2003 DNS server.

2. The directory service replication between two sites. If you have more Domain Controller in every site, you can configure Bridge Header in every site. The Bridge Header server can help you reduce the network traffic of AD replication.

Authentication:

Site information helps make authentication faster and more efficient. When a client logs on to a domain, it first searches its local site for a domain controller to authenticate against. By establishing multiple sites, you can ensure that clients authenticate against domain controllers nearest to them, reducing authentication latency and keeping traffic off WAN connections.

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For more information about AD Site, please refer to the following MS article:

Sites overview

<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/ServerHelp/30e18d11-89f3-4744-9a3a-88a69a8ec1bb.mspx>

More Information:

To consolidate the AD sites, you may refer to the following articles:

Move a domain controller between sites:

<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/ServerHelp/95e9b458-29f1-4b09-81ab-5b2a96b86af2.mspx>

Associate the subnet or subnets with the appropriate site:

<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/Operations/a131fc0b-7427-415a-858c-94eb63347004.mspx>

I hope the above information helps.

Have a nice day.

Best Regards,

Steven Zhu
MCSE
Microsoft Online Partner Support
Get Secure! – www.microsoft.com/security

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