

# Re: Network Topology

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-04/msg02785.html>

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- *From:* "David G." <DavidG@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Fri, 8 Apr 2005 14:25:06 -0700
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Matt,

I appreciate your help. The secureftp server will have files uploaded to it that need to be able to be moved to a server on the internal network. I'm a little fuzzy here, I know that because of the dmz I will be blocking all traffic from within the DMZ to our internal network, or at least that is my understanding, however, could a computer from within my internal network access the secureftp server sitting on the dmz and pull the files from it? Would that be a secure/smart implementation?

David

"Matt Gibson" wrote:

> Answers inline...  
>  
>> I need to be able to provide secureFTP access via SFTP2 for business to  
>> business data transfers that need to take place with our partners. I have  
>> a  
>> server that provides this service, and I can open the port on the firewall  
>> to  
>> that server. However, I don't know if I should be moving the hosting  
>> server  
>> for this server outside of the firewall to prevent that access into our  
>> internal network. SBS does not act as a firewall currently.  
>  
> Moving it outside your firewall depends on what access it needs to the  
> inside of your network. If it's solely a filesharing server that never  
> needs to talk to your internal network, then it's fine to move it out there.  
> If it provides other roles, then you may want to consider the impact moving  
> that server will have on those roles.  
>  
>> I want to harden our network security as we start to interact more with  
>> other corporations. Should I purchase the premium edition of SBS? Add  
>> another NIC to that server, and use it as a gateway to the internet? So it  
>> would be  
>>  
>> 1721 Router -> Pix 506E Firewall -> SBS 2003 Premium Server -> Internal

## Re: Network Topology

>> Network?  
>  
> I (and most of the MVPs) think that this is the best way to go. You can  
> leverage the application proxying abilities of ISA to your benefit, and  
> provides a back to back DMZ for you.  
>  
>> I have read also that it's not a good idea to have DC in a DMZ, it seems  
>> that SBS was designed inherently to disregard this suggestion, and maybe  
>> that's appropriate, I'm not sure that's why I'm asking.  
>  
> You're correct, you shouldn't have a DC in a DMZ. However, with the way SBS  
> is designed, the NIC that's attached to the "DMZ" doesn't really have  
> anything bound to it, and it's protected by ISA. The "Do not place a DC in  
> a DMZ" rule is more for a singlehomed DC that's sitting in a DMZ and  
> connecting to another DC inside the internal network.  
>  
>> I have read some people that have the PIX handle DHCP. Is that a better  
>> idea  
>> than having SBS handle DHCP? I plan on having the PIX do VPN, anyone got  
>> suggestions/comments about this?  
>  
> It depends. If you're going to be going with ISA as well, then having the  
> PIX hand out DHCP addresses won't matter, since the SBS server will be doing  
> that for it's own private network behind itself. If you stick with a  
> singlehomed (and no ISA) SBS server, then it's up to you. Most people  
> prefer to let the SBS server handle it, as it's preconfigured. If you're  
> handy with the PIX, then it's just as easy to configure the PIX to do it,  
> and just hand out the SBS server for DNS and WINS to the clients.  
>  
>> One final question, this network is small, there are about 30  
>> workstations.  
>> It has been setup using the class A private address space. I had a friend  
>> tell me that it should've been setup using the class C private address  
>> space.  
>> Can anyone confirm or deny this for me, and explain why?  
>  
> I'd say it doesn't matter. Yes, a class C space would be more efficient,  
> but since it's private, it doesn't overly matter. I've got SBS servers  
> using both class C and Class A spaces, and there's no real difference. Just  
> remember if you're setting up VPNs between networks that (most of the time),  
> the networks have to have different network ranges.  
>  
>> Any questions or comments about this or any other portion of this post  
>> would  
>> be great. Thanks all!  
>  
> Let ME know if I made any sense :)  
>  
> Matt Gibson – GSEC  
>  
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Re: Network Topology

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• ***Follow-Ups:***

◆ ***Re: Network Topology***

◇ *From:* David G.

◆ ***Re: Network Topology***

◇ *From:* Matt Gibson

• ***References:***

◆ ***Network Topology***

◇ *From:* David G.

◆ ***Re: Network Topology***

◇ *From:* Matt Gibson

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