

Re: 1 NIC v. 2 NICS & remote access questions from beginner

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-07/msg04709.html>

- *From:* Darío Díaz Anzalone <DaroDazAnzalone@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 20 Jul 2005 01:55:10 -0700
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Well, if you need to allow files transaction between the internal network and a remote user I would recommend using a secure VPN. What should you use, the SBS ones or the Symantec router? depends on the security that gives each one and the security that you need to achieve. If the router gives you advanced VPN functionality (L2TP/Ipsec) I'll tend to use that, because it will be probably easier to set up, as you don't have to mess with the open ports in the router to access the VPN in the SBS.

the A record in the ISP DNS is for the generic server and the MX is for the mail. Not been sure of your design and the relationship with your ISP, but I think that you should use just one public IP set up in the external interface of the router, and have all DNS records on the ISP DNS point to that IP. To give public services (mail, OWA, VPN) you should redirect the correct ports in the firewall for each service to the SBS server.

And the gateway for the internal network is almost always the IP of the --Internal-- interface of the firewall, not the external.

Hope I resolved something...

Feel free to ask more !!

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"Russell DeMarco" wrote:

>
>
>> There are a couple of ways that you could configure your network. Since
>> you're using SBS Standard and not Premium, I'll assume that there is no

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>> ISA Server on your network.
>>
>> A typical configuration would be to have your ISP's router connected to
>> your firewall device. [I'll assume that your Symantec router is really
>> your firewall.] The firewall would have a public IP address assigned by
>> the ISP to the WAN port, and it would have a private address
>> (192.168.etc.etc) assigned to its LAN port.
>>
>> The server needs to have only a single NIC on the same subnet as the
>> firewall LAN port. So if the firewall LAN port is at 192.168.0.1, then
>> you could put your server at 192.168.0.2 and your workstations and
>> network printers would follow the pattern.
>
> All of the above is correct.
>
>
>>
>> To access features of the server remotely (such as Outlook Web Access or
>> Remote Web Workplace), you will need to setup port forwarding on the
>> firewall. Examples: port 25 for inbound email, 443 for HTTPS needed for
>> OWA, 4125 needed for Remote Web, etc.
>
> Which one of the above (or sharepoint?) allows our users to access files on
> the server remotely? Is it better to use the router/firewall's VPN?
>
> Here's where I get confused. Our router/firewall (Symantec) has public
> ip...118 attached to its WAN port that's our Gateway, correct? (We have a
> block of 5 IPs.) We then followed SBS directions which stated we need to
> have our ISP point a DNS "A" record to server.domainname.com and we told
> them it'll be public ip...117. I assume this was to access the server
> locally. We also had them point our MX pointer to .117. We're not using
> Exchange YET.
>
> So do I setup the .117 on our server's NIC? Do I port forward to the
> servers private IP?
>
> Thanks again.
>
>
>> _____
>> Bradley J. Dinerman, MVP – Windows Server Systems
>> President, New England Information Security Group
>> <http://www.neisg.org>
>>
>> Russell DeMarco wrote:
>>> We have SBS 2003 std that we've been using for a few months now. We now
>>> want to access the server remotely and setup Exchange. We have 1 NIC,
> do we
>>> need (or is it preferred) 2? The first NIC is a local IP 192..., do we
>>> setup the 2nd NIC with one of our public IPs? Is there something I need
> to

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>>> do in our Symantec router (forward ports or something)? (It's not
> recognized
>>> by SBS.) Is it better if I use the VPN in the router?
>>>
>>> Thanks.
>>>
>>>
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>
>
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• **References:**

- ◆ **[1 NIC v. 2 NICS & remote access questions from beginner](#)**
 ◇ From: Russell DeMarco
- ◆ **[Re: 1 NIC v. 2 NICS & remote access questions from beginner](#)**
 ◇ From: Brad Dinerman [MVP – Windows Server Systems]
- ◆ **[Re: 1 NIC v. 2 NICS & remote access questions from beginner](#)**
 ◇ From: Russell DeMarco

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