

## RE: Need help with server internet connection

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-08/msg03912.html>

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- *From:* Colin <Colin@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Tue, 28 Aug 2007 10:56:01 -0700
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Hi Robe,

Have you configured the 2Wire with the static IP address your ISP gave you or is it still using DHCP ? Browse into it and configure the static and the rest of the network info the ISP gave you. The external NIC gateway is fine as the 2Wire is the gateway (it's internal address is 192.168.1.1 by default and this is the route the server will use to get to the 'net). Then do what Costas says and choose 'Router with an IP address' option, using the ip of 192.168.1.1. Make sure you configure the 2Wire firewall for 'Maximum Security' as the 'Default' option that it comes with allows Pings and a few other unsecure options (from memory).

Regards Colin.

"robe" wrote:

Windows SBS 2003 R2 – 2 NICs – Static IP and router

Cannot get my server to connect to the internet and have exhausted everything I know (which apparently isn't much.) Client computers are all connected to the server and working fine; just can't access the internet from server or clients. I'm thinking I don't really understand gateways and routers very well and that's where the problem is. Here's the info on my setup. Any help would be GREATLY appreciated.

Router: AT&T 2wire gateway – that's about all I know

Server External NIC:  
IP address: 192.168.1.10  
Subnet: 255.255.255.0  
Gateway: 192.168.1.1 (This is the problem I think)  
DNS: 192.168.16.2  
WINS: Blank

Server LAN connection:

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IP address: 192.168.16.2  
Subnet: 255.255.255.0  
Gateway: Blank  
DNS: 192.168.16.2  
WINS: 192.168.16.2

OK, here is the (router?) info that I got from my ISP:

IP address: 76.240.9.65  
Subnet: 255.255.255.248  
Primary DNS: 68.94.156.1  
Secondary DNS: 68.94.157.1  
Default Gateway: 76.240.9.70

I know that this is a PPPoe connection as far as the router is concerned but in SBS I'm not sure if it should be configured as a direct broadband connection or a router with an IP address. I've tried both ways and it still doesn't work. If you need more information please let me know. Thanks!

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robe

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