

Re: Windows Server 2003, SBS, or Linux as a home gateway to the internet?

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.setup/2005-07/msg00023.html>

- *From:* "Star Fleet Admiral Q" <Star_Fleet_Admiral_Q(NO-SPAM)@(SPAM-NOT)hotmail.com>
 - *Date:* Mon, 4 Jul 2005 20:36:59 -0400
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Just remember, if you setup a "domain" with Win2k3, and any your laptops are using XP Home, they can use "domain" resources, they just can't join the domain on a permanent basis. Resources need to be remapped each and every time they are attached.

To reinforce Dan, I agree, a Win2k3 server OS doesn't have to be a domain controller, it can be just another member of the workgroup with shared resources and access to other shared resources. Again, also, a hardware router would be the way to go, instead of using the Win2k3 OS or the Linux OS as a gateway, although both are capable, but would require dual NICs, one to a router and one to the cable/dsl modem, and would become the bottleneck of your network. Since you need a router anyway, just let it function as the gateway and DHCP server for your network. This normally works best for a large home network as you have described.

Also, with Linux you are not restricted to using IIS on Win2k3, you can always use Apache/Tomcat on the Linux server, using MySQL and its mail client (all cheaper than MS's version although you may have a higher learning curve).

Lastly remember software for Win2k3 Server (such as Antivirus and other utilities) are not cheap, and no the WinXP ones won't work – they won't even install, where when using Linux, you don't have those problems.

Anyway, that's my 2 cents worth or opinion(s), and everyone else will have theirs too.

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Star Fleet Admiral Q @ your Service!

<http://www.google.com>

Google is your "Friend"

"Leigh Gardner" <leighmgardner@xxxxxxx> wrote in message

<news:1119971290.677924.58170@xx>

> Hi – this revised email probably makes more sense,

>

> I have a small collection of computers at home that I need to network

> and provide Internet access to via my 8mbps broadband connection. I

> have three desktop computers that I plan to set up as:

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- >
- > 1 x Windows Server 2003 or SBS (p4-1.7ghz, 1gb ram, 200gb HDD)
- > 1 x Linux Server (p4-1.8ghz, 512mb ram, 100gb HDD)
- > 1 x Windows Media Centre 2005 (p4-2.4ghz, 1.5gb ram, 200gb HDD)
- >
- > Plus I have three laptop computers (Centrino, p4-1.8ghz, p3-800mhz) –
- > all running Windows XP SP2. I also have a HP LaserJet 4050M with a
- > jetdirect Ethernet card in it that I will hang off the 10/100 hub. I
- > also have a HP Scanjet and Lexmark scanner and colour inkjet, which I
- > intend to hang off the windows server as shared resources.
- >
- > I wish for all the computers to log in to my home network in order for
- > everyone to be able to access the shared resources, disk space, and
- > most importantly the Internet.
- >
- > I have the choice of dynamic or static IP address from my Internet
- > provider. If I setup the computer that acts as the Internet gateway
- > with the static IP address, what IP addresses do I assign to the other
- > computers? I do not know what a domain controller is – but would I
- > have to set up the windows server as one?
- >
- > Will it be possible to do the following?
- >
- > o Host an intranet site for the computers on my LAN (probably using MS
- > SharePoint)
- > o Host my registered domain for the internet rather than pay for
- > hosting services (using IIS I would expect)
- > o Run an MS Exchange server on the windows server which not only
- > handles the mail for my Internet domain, but also pulls the mail down
- > from my other Internet mail services (AOL, Yahoo, Hotmail, etc.)
- > o Run MS SQL Server 2000 on the windows server and access the databases
- > via the internet
- >
- > Any help would be appreciated!
- >
- > Regards,
- >
- > LMG
- >

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