

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/2005-06/msg00285.html>

- *From:* "[--Dan--]" <getbent@xxxxxxx>
 - *Date:* Tue, 28 Jun 2005 17:09:34 +0100
-

"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:
>
> 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?

A domain controller is basically a server that holds all the information on your local domain; user accounts, groups, printers, policies etc. You don't *have* to run your server as a domain controller, you can just run it as a workgroup server. If you want the full feature-set of Windows Server though, and particularly SBS, you will need to run a domain and domain controller.

Also, in my opinion, I would rather use a hardware router to share an internet connection, and act as a firewall. Yes, you could do this with your PC's but in my opinion a router is the way to go. Your router would plug

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

into your DSL line, and have an external IP address of whatever your ISP gives you (there are pro's and cons to having a static or dynamic IP, depending on what you use your connection for). You would then use a private IP range within your network. For example, 192.168.0.x.

>
> Will it be possible to do the following?
>
> o Host an intranet site for the computers on my LAN (probably using MS
> SharePoint)

Yez.

> o Host my registered domain for the internet rather than pay for
> hosting services (using IIS I would expect)

Yez.

> 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.)

Yez.

> o Run MS SQL Server 2000 on the windows server and access the databases
> via the internet

Yez.

>
> Any help would be appreciated!
>
> Regards,
>
> LMG
>

HTH

Dan

• **References:**

- ◆ **Windows Server 2003, SBS, or Linux as a home gateway to the internet?**
 ◇ From: Leigh Gardner
- ◆ **Re: Windows Server 2003, SBS, or Linux as a home gateway to the internet?**
 ◇ From: Leigh Gardner

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

- Prev by Date: [*NT4 DC and a new 2003 DC – Setup*](#)
- Next by Date: [*Re: Server 2003 DNS Optimization*](#)
- Previous by thread: [*Re: Windows Server 2003, SBS, or Linux as a home gateway to the internet?*](#)
- Next by thread: [*Server 2003 DNS Optimization*](#)
- Index(es):
 - ◆ [*Date*](#)
 - ◆ [*Thread*](#)