

# Re: One Gateway, Two Networks

---

*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2006-03/msg00396.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-03/msg00396.html)

---

- *From:* "Steve Winograd [MVP]" <[bcmaven@xxxxxxxx](mailto:bcmaven@xxxxxxxx)>
  - *Date:* Wed, 08 Mar 2006 08:22:28 -0700
- 

In article <[uyNERcqQGHA.1096@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:uyNERcqQGHA.1096@xxxxxxxxxxxxxxxxxxxxxxxx)>, "John" <[JohnSickOfSpam@xxxxxxx](mailto:JohnSickOfSpam@xxxxxxx)> wrote:

Hi there,

Can anyone point me towards a good article on how to setup two separate networks from one broadband gateway router?

Background – I'm moving to a shared office, where they already have a speedtouch broadband gateway with four ethernet ports (and I think a dynamic IP address). I've been using a similar setup in my previous office with a Netgear DG824M gateway router. Both of us have been sharing our various folders on our networks, but now we we'll be sharing, I'd rather set us up so that we can separate our two networks.

So what's the best approach? My networking knowledge is limited so far to basic stuff (ie I know what NAT and POTS means but not how to set it up) and so could do with some kind of walkthrough.

Hope I've been clear with what I'm trying to achieve!

Thanks in advance and best regards

John

PS – Both sets of PCs are using WinXP (mine are Pro, not sure yet what the other are)

## Re: One Gateway, Two Networks

For complete isolation between the two networks, while giving Internet access to the computers on both networks, use two more broadband routers.

Connect the WAN (Internet) port on each additional router to a LAN port on the Speedtouch gateway router. Connect the first business' computers to LAN ports on the first additional router. Connect the second business' computers to LAN ports on the second additional router.

Thanks to you and Doug for your help. Are you able to point me towards a product & walkthrough that would take me through it?

Thanks again

John

You're welcome, John. The setup is simple. Any broadband router sold at computer and office supply stores for home and small office use will be fine. Connect everything as I said above. Make sure that the two new routers use a different IP subnet than the old router. For example, if the old router uses 192.168.1.x, configure the new routers to use 192.168.0.x.

—

Best Wishes,  
Steve Winograd, MS–MVP (Windows Networking)

Please post any reply as a follow–up message in the news group for everyone to see. I'm sorry, but I don't answer questions addressed directly to me in E–mail or news groups.

Microsoft Most Valuable Professional Program  
<http://mvp.support.microsoft.com>

.