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Subject: Small office/home network

Posted by [reborn](#) on Tue, 27 Nov 2007 19:48:41 GMT

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I have only ever set up a small LAN at home, I once set up a router for a wireless notebook and a PC for my mum and dad and found wireless to be a really lame connection due to the conditions and environment it was set up in.

I also have a very small LAN at my home between a laptop and PC using a cat5 crossover cable just so I can exchange data between the two computers. This happens to be really slow as the laptop doesn't have a NIC, so I had to use a USB NIC which is slower then anything i've ever witness before, but it works...

Now I want to set up a proper home network.

I have a DSL cable connection of 20mbps through a cable modem. I have one laptop which I want to be on the network wirelessly. I have my main PC which I want connected to the network, and I have an older PC that has allot of storage space, which would primarily be used to store porn, erm I mean legal movies and music.

The two PC's have 1gig NIC cards, and from experiance I know i'm going to want the PCMCIA card for the laptop to be N class, allowing speeds up to 300mb.

I want the router to also act as a hardware firewall. And I want to be able to set the speed of each port. Meaning that I want to be able to cap the speed of my girlfriends laptop whilst I am downloading my porn. I mean legal movies.

Whilst ATM I want it to support only two PC's and a laptop, I want it to be scalable. So I can add more devices to the network later on. More then likely a networked printer and possibly another PC for media entertainment, I don't suppose any serious gaming console will now come out without the need for a connection either, so I would like it ideally to support up to eight network devices.

Any suggestions and/or forseeable pitfulls would be welcome.

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Subject: Re: Small office/home network

Posted by [CarrierII](#) on Tue, 27 Nov 2007 22:09:40 GMT

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I would suggest either

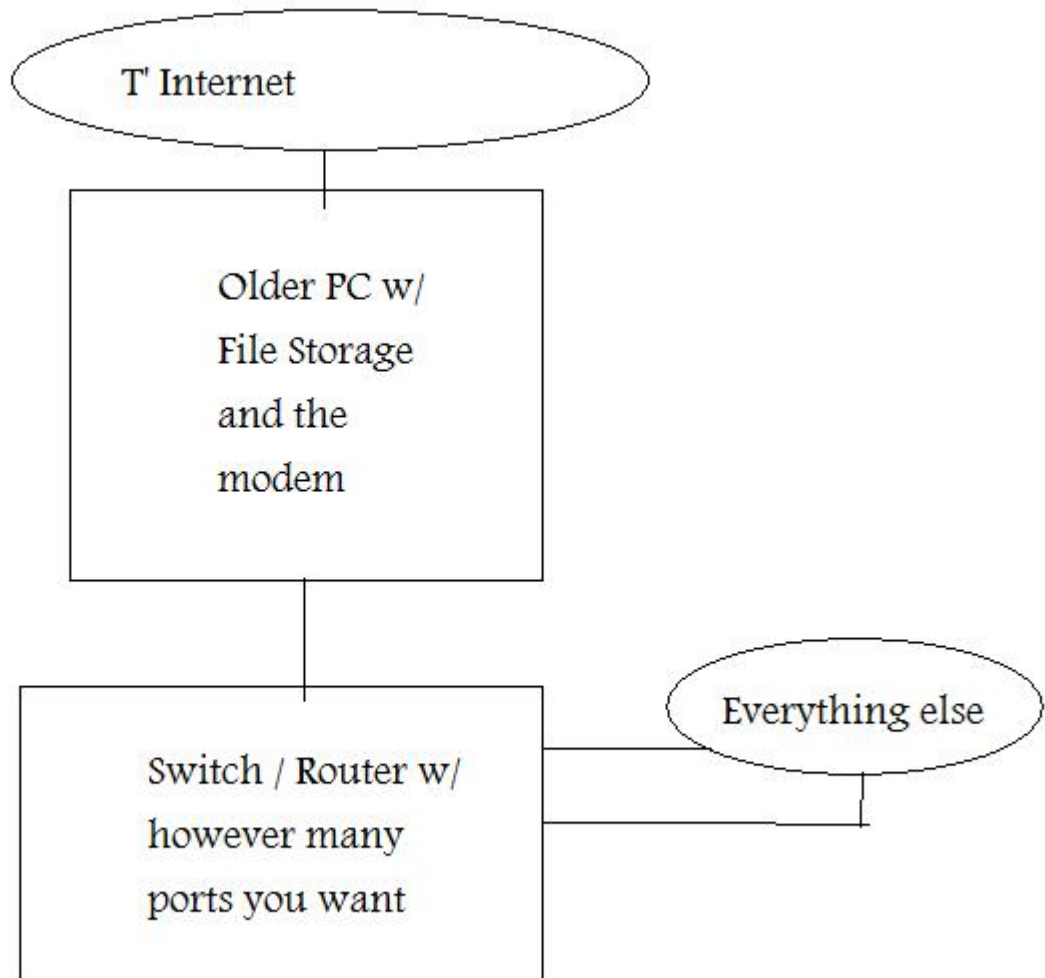
Or just getting an ADSL router and sharing the connection through that, like I do, i think that's a little faster, but may well be more expensive, but as I'm talking to the guy who has a Quad SLI setup, cash doesn't appear to be short.

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File Attachments

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1) [This.jpg](#), downloaded 850 times



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Subject: Re: Small office/home network  
Posted by [reborn](#) on Wed, 28 Nov 2007 07:33:16 GMT  
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I was thinking more like specific hardware devices to use. But thankyou for you input

I was also thinking of plugging everything straight into the router and having everything behind the router/firewall. What made you decide that was the best way to do it?

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Subject: Re: Small office/home network  
Posted by [=HT=T-Bird](#) on Wed, 28 Nov 2007 12:55:07 GMT  
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My experience tells me that consumer routers tend to be horrendous(yes, even Linksys gear can be weirdo at times). Take a look at a Cisco SBR100-K9 if you really want something good...(but it's 10/100, so you'll need a separate GbE switch)

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