

## Re: DSL internet connection via server – routing

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- *From:* "cjobs" <cjobs@xxxxxxxxxxxxxx>
  - *Date:* Tue, 21 Feb 2006 01:04:34 –0500
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What is the configuration of the 2 NICs on the server? What configuration is used on the modem and what kind of modem is it? You need to give us more detail.

"Aaron Lawrence" <aaronNOT@xxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:Ot\\$jFLqNGHA.1180@xxxxxxxxxxxxxxxxxxxxxx](news:Ot$jFLqNGHA.1180@xxxxxxxxxxxxxxxxxxxxxx)

Hello all,

We have an SBS2003 (standard) server, a DSL modem which does NAT, and a switch. Currently the modem connects to the switch and is the DHCP server.

We want to change this so that internet traffic goes via the server so we can monitor. We added a second NIC to the server and got separate subnets working for the modem and the LAN. (10.1.1.x modem, 192.168.1.x lan).

How do we route between them?

It seems that the recommended way is to use NAT in SBS to translate the LAN subnet to the modem subnet. But this then there would be two devices doing NAT, and I've read that this is not a great idea – and it seems untidy to me.

We tried to set up plain static routing so that traffic passes between the cards, but we can't get anything back from the modem. My guess is that this is because the modem is not going to know how to route the packets from the LAN subnet – its a simple device which we can't set up any custom routing on.

Any other suggestions or comments?

Thanks in advance.

Aaron

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