

# Re: Best Config for LAN

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*Source:*

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- *From:* "Terry" <[it@xx](mailto:it@xx)>
  - *Date:* Mon, 30 Oct 2006 10:41:28 -0000
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Thanks for the advice Bill,

With the router at .0.1, the setup I trialed was:  
XP wireless NIC at .0.2, XP wired NIC at .0.4.  
Server wired NIC at .0.5  
Bridged the XP wireless and wired NIC's, gave the bridge .0.6  
This gave me connectivity from the server to the bridge.

I guess the config of gateway and DNS would be the place to look.

wireless .0.2 gateway and DNS .0.1  
wired .0.4 gateway and DNS .0.1  
bridge .0.6 gateway and DNS .0.1

Not too sure about how to set the gateway and DNS for the server side.

Regards

Terry

"Bill Grant" <[not.available@online](mailto:not.available@online)> wrote in message  
[news:O5zJly9%23GHA.1224@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O5zJly9%23GHA.1224@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

ICS has nothing to do with bridging. ICS is a cut-down version of a NAT router. The two NICs of an ICS machine must be in different IP subnets, and the client machines must use the ICS machine's private IP (which is set by ICS to 192.168.0.1) as the default gateway.

You could not use ICS with your setup anyway. ICS sets the "private" NIC to 192.168.0.1, and that subnet is already in use for your existing subnet. You can't have both sides using the same IP subnet.

With a bridge, traffic is simply forwarded from one segment to the other. The two segments operate as if they were one single network.

"Terry" <[yoo\\_hoo\\_2000@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:yoo_hoo_2000@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:%23YyTkq7%23GHA.3312@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23YyTkq7%23GHA.3312@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

## Re: Best Config for LAN

Hi Bill,

Nearly got there with that setup. The Router sits at .0.1, I have the XP machine with .0.2 for the wireless NIC and .0.4 for the wired NIC. The server has .0.5 for the wired NIC.

I bridged the two NIC's on the XP machine and gave the bridge .0.6 and pointed the gateway and pri DNS to the Router. I could ping each way between the server and XP NIC's and the bridge but couldn't get from the server to the router. Although the wireless conn