

## Re: Win2003 Routing not working

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  - *Date:* Thu, 2 Feb 2006 22:33:29 +0100
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"zico"

Hi !

| I have an operational network with a hardware router  
| (one of those D-Link router/switch for home networks),  
| and my Win2003 machine is connected to that network  
| as address 192.168.0.3 ---- that connection works.

|  
| Now, I added a second network card to that machine,  
| and configured it as 10.0.0.1 without default gateway.

|  
| I then connect another machine directly (with a crossover  
| cable) to this one -- for the other machine, I configured  
| it as 10.0.0.2 with default gateway 10.0.0.1 and subnet  
| mask 255.0.0.0

[...]

| But I sit at the 10.0.0.2 machine and type:

|  
| ping 192.168.0.1 and it times out (the requests do get  
| to the Win2003 machine ---- I see them when I open the  
| appropriate NIC properties dialog ---- the "Packets received"  
| counter increases.

|  
| Is it possible that the packets are being routed, but then  
| 192.168.0.1 refuses to respond because the packet comes  
| from a different private network?

How do you expect that the machine in the 192.168.x subnet will know about  
the 10.x network ?

IMHO, he does know what to do with packets for the 10.x destination.

Try adding a route on the 192.168.0.1 machine to the 10.0.0.0 255.0.0.0  
network with your 2003 computer as gateway. (Launch the "Route" command at  
the prompt to learn about the options.)

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—Richard.