

# One NIC, one default GW, incoming connections

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- *From:* "Mika Takala" <[mika.takala@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:mika.takala@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
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Hello

I have a LAN where an ADSL router is serving as the default gateway, and that is the primary, preferred Internet access for the LAN.

There is also another gateway on the network, and Internet access is also possible via it.

Both routers are on the same LAN and IP-addresses are from the 192.168.1.x net. Both routers are setup for NAT.

The computer  
(running Windows 2000 Pro SP4)  
has a single NIC.

I would like to have some kind of redundancy in accessing the computer on this network from WAN side. I use appropriate port forwarding on the adsl router and also on the other router, but when the default gateway on the computer is the adsl router, incoming connections via the other router to this computer are not possible, as the packets going back get routed to the default router, not the one the incoming connection is being routed through.

I could set the other router as another default gateway with higher metric value. Then the incoming connections from that router will work. The undesired effect in this option is that when the adsl connection goes down or the adsl router dies, Windows 2000 automatically selects the other default gateway. That is not good, as I would only like to use that router for remote/WAN access. And the ISP in which that router is connected to, has strict traffic amount restrictions, so p2p etc. connections routed via it are very much undesired.

Is there something I could do to disable dead router detection or to maybe configure my network differently? I've already tried setting EnableDeadGWDetect=0 for the interface and

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EnableDeadGWDetectDefault=0  
in the registry, and making the necessary reboots.

Windows will still, after a short while, switch  
to the undesired gateway when the adsl connection dies.

Thanks for any answers,

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Mika Takala