

Re: Internal Interface used in NAT – what is it?

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.networking/2005-02/0994.html>

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Date: 02/18/05

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Please note our change of email address. All addresses of the form x@infomax.demon.co.uk should be changed to x@InfomaxGroup.co.uk

"Steven L Umbach" <n9rou@n0-spam-for-me-comcast.net> wrote in message news:iIKdnUzwD8EBE4nfRVn-jg@comcast.com...

> The following link may be helpful if it your domain controller is also a
> wins server. It does not specifically mention NAT but it does show a
> registry entry that may help. Another option may be to disable the
> computer browser service on your domain controller and then another server
> or computer in the network would pick up that role. If you do such try to
> find a computer that will be on all the time and give it priority to be a
> master browser, otherwise you could end up with frequent browser
> elections. --- Steve

I think I've finally solved the problem - but there might be undesirable effects so tell me if you think there is a problem.

All I did, and why I didn't try this sooner I have no idea, is to add a static record for the PDC and one for the Workgroup with the single valid IP. The WINS server then created a couple of more static records that I didn't ask it to using the same IP. Since then the IP associated with the internal interface hasn't appeared. Its now 24 hours and everything seems to be working fine.

Clearly the rule about replication not over writing a static by a dynamic WINS record applies to registration.

I know that static records in WINS can be a problem but given that the PDC has to have a fixed IP (the only machine in the network that does) then I can't see any problem with assigning it a static WINS record is any more of a problem than manually creating a DNS record for it (say).

Any references to the use of static WINS records that might help me see what is happening more clearly?

mikej