

## Re: NetMeeting Through a NAT Router?

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*Source:*

<http://www.tech-archive.net/Archive/Internet/microsoft.public.internet.netmeeting/2005-08/msg00029.html>

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  - *Date:* Thu, 11 Aug 2005 15:26:25 -0400
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On 11 Aug 2005 16:29:40 GMT, Jeff Gaines wrote:

- > Apologies if this is a FAQ, I have down-loaded and read the last 300
- > messages in the group (back to April) and have seen odd references but
- > nothing definitive.
- >
- > I am running NM 3.01 on XP Home SP2, connected to the Internet through
- > a Draytek Vigor 2600G.
- >
- > I have re-directed ports 1503, 1720 and 1731 (TCP) to the local PC and
- > opened all ports from 1024 to 65535 (UDP), which worries me a bit.

The recommended strategy is to use the dmz feature of the router -- that forwards all unsolicited traffic so the number of redirected ports is larger but it is logistically easier to manage.

If your router has a built in h.323 proxy (a few older models did) -- only tcp 1503 and 1720 need be forwarded. You could try without forwarding the udp ports

- >
- > Windows firewall is disabled but I am running Kerio Personal Firewall,
- > NM is 'authorised' by Kerio.
- >
- > I can receive incoming incoming calls and sound, sharing etc. all work.

Presumably these are calls made to the wan IP of the router?

- >
- > When I make an outgoing call the person at the other end can hear me
- > but I can't hear him.

That is the usual situation with NAT interference(I assume that you also get no incoming video?) -- I suggest you use the dmz strategy instead of the port forwarding that you are trying. I can't tell you exactly what the problem is but

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- > He also has Kerio running and it shows my call as
- > originating from 192.168.1.14, not very helpful to his copy of NM :-(

I presume this user is not on the same network? This is not usual -- this must be something your router is doing ( or not doing) -- and perhaps the root cause of your problem.

Does the Kerio firewall somehow interact with the router?

- >
- > If I put my PC in the DMZ on the Draytek everything works fine, but I
- > would rather just open the ports that are needed rather than opening
- > everything up.

It may be possible to do this without using the dmz but I can't tell you specifically what to change (it sounds like you have already done all the right things).

- >
- > I have Googled and read several articles, they range from easy peasy
- > just open a few ports to it's impossible don't try.

I don't think it is impossible in the general sense but it usually more trouble than it is worth ( your local firewall should protect you almost as well as the NAT -- so going the dmz route is not in my opinion all that much more dangerous).

- >
- > I have also asked Drayek (no response so far) why the router is sending
- > out an internal IP address, I don't know enough (anything) about NAT to
- > even know if this was a sensible question.

The leaking the private IP should not happen -- so I suspect that is a router anomaly -- I don't think other routers have this leakage under this situation (but I have always used the dmz route)

- >
- > Any suggestions or pointers to guides would be very much appreciated,
- > we use NM for support amongst a small group of us so getting it working
- > with calls in both directions would be really useful!
- >

I would suggest that you use the dmz and configure the local firewall appropriately.

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Re: NetMeeting Through a NAT Router?

- *Follow-Ups:*

- ◆ *Re: NetMeeting Through a NAT Router?*

- ◇ *From:* Jeff Gaines

- *References:*

- ◆ *NetMeeting Through a NAT Router?*

- ◇ *From:* Jeff Gaines

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