

Re: Netbios to Active Directory Name Resolution Question

Source:

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From: Steven Halsey [MSFT] (*Stevhal_at_Online.Microsoft.com*)

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So a couple of things that might help...

What about delegating the Exchange DNS Zones out to the Exchange DNS on the business DNS? Not sure if this fixes your issue but it would be closer to expected operations, with Outlook 2003 FQDN can be used to resolve the Exchange server. Since all the Business DNS would need to do was point queries to the Exchange DNS as needed it should be minimal change. I think you mentioned you were using Outlook2000 client so this may not solve your issue but I would recommend it anyways.

What about creating static WINS records for the Exchange servers on the business WINS? This should allow clients on the business side to resolve the name of the Exchange server on the business network.

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Microsoft Exchange

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"Midnight Java Junkie" <jolly@joy.com> wrote in message

news:GgsDc.11835\$OT6.7868452@news4.srv.hcvlny.cv.net...

> Dear Colleagues:

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> First and foremost, thank you for your time.

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> I was hired by a client to set up an Exchange 2000 server and its mailboxes.

> The server is behind a Linksys router and connected to a DSL modem where

> they have their static IP address. Everything on the Exchange 2000 side of

> things is set up properly. DNS is installed on it and (obviously, active

> directory is installed). I have set things up according to both the

> Exchange server administrator's companion and the Windows 2000

administrator

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> 's guide in terms of DNS, etc. For the purpose of this post, I shall call
> this their "Exchange network".
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> Right next to it is their "business network" which has one server and
> approximately 20 workstations. This network is connected to a second
> Linksys router which, in turn, is connected to a cable modem. The two
> routers have a single static route set up to each other and you can ping
the
> IP addresses from either network.
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>
> The sole server on the "business network" has DNS and Wins installed,
> however, it is not set up as a domain - it's a workgroup server whose name
> is "server.doman". Likewise, all of the workstations on the business side
> of things which are running Windows 2000 professional are also part of a
> workgroup. There is no authentication or sign in mechanism and they are
> fine by that. The workstations are a hodge-podge of Office versions
ranging
> from office 98 to Office 2000.
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> The problem is that when I try to connect to the Exchange server across
the
> static route from the business network, the name does not resolve. I know
> that I could likely install Outlook 2000 on the business side of the
network
> which, I believe, lets you stick in the IP address of your Exchange server
> and stops trying to resolve the name (which is the problem I have with the
> Outlook 98 client), but that would be half-assed.
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> What I want to accomplish with as little messing around with the business
> server (their consultant likes to blame anything that happens on their
> network on the fact that I went and stuck an Exchange server on the
network.
> . . fortunately, the VP of the phone company is an old Navy communications
> officer who knows that whatever I have done to their Exchange server
across
> a router is not screwing up their business network) is to get name
> resolution to happen across their router. I tried putting a static DNS
> entry on both the DNS servers, but since the server on their business
> network does not have a fully qualified domain name, the only thing I have
> left to me is WINS, or so I think.
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> The questions here are, first will the WINS server be able to broadcast
> across the router and, second, what do I set up in terms of WINS servers
so
> that it resolves across these routers. Ideally, I want to do as little as
> possible to both servers. I could take a shortcut and open up an IMAP
port
> on their router so that the business side outlook clients connect to their
> Exchange server by way of going out to the web and then coming back to
their
> external DSL router - but that's half assed and I want to set this thing
up

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> right.
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> Thanks in advance,
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>
> Roger
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