

Re: DNS resolution of file server...

Source: <http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2004-09/0573.html>

From: Herb Martin (*news_at_LearnQuick.com*)

Date: 09/22/04

Date: Wed, 22 Sep 2004 11:48:40 -0500

"David" <dcacvyird@yahoo.com> wrote in message
news:0be201c4a0ba\$cdc69000\$a401280a@phx.gbl...

> *Herb/Ace,*

>

> *I just noticed when doing the "IPCONFIG" command, that*

> *the problem systems node type is listed as "Peer-to-Peer"*

> *where the systems that DO recognize the \\FILESERVER are*

> *listed as "Mixed".*

>

> *What's this mean?*

The latter (mixed) includes broadcast resolution.

Peer-to-Peer is presumably a P-Node NetBIOS
(resolution method) client which ONLY checks a
WINS server.

This implies you have (or had) a WINS server which
is either misconfigured or missing.

The one's which are working are likely using broadcasts
(as I indicated earlier) although I did expect it was going
to be that broadcast was working in the SAME subnet
but failing across (any) routers.

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Herb Martin

>

>

> >-----Original Message-----

> >"David" <dcacvyird@yahoo.com> wrote in message

> >news:42d801c4a02d\$1f5eb750\$a301280a@phx.gbl...

> >> I'm almost clueless on this topic.

> >>

> >> I started recently with a company that has a non-high-

> >> tech setup and I'm trying to bring them up to the 20th

> >> century.

> >

> >As long as you are at it, you might consider just

> > skipping

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> >the 20th and moving on to the 21st century <grin>
> >
> >> A PC is used as a file server (running W2Kpro)
> >> and a dozen PC's on a DSL modem/router (with subsequent
> >> simple hubs). There's no formal "Domain" set up, using
> >> MS Workgroups.
> >
> >Then you are going to resolve them through DNS -- you are
> >likely dependent on NetBIOS broadcasts which will work
> >unless you have INTERNAL routers (which you didn't
> >mention.)
> >
> >> Some PC's here to the file server as "FILESERVER" where
> >> they have various department drives mapped. Other PC's
> >> use the standard "192.168.1.X" to map the drives to.
> The
> >> fileserver has the IP setting at "auto assign IP
> >> address" - and PC's are mapped to
> \\192.168.1.X\Folder1.
> >>
> >> Why can't these PC's see the fileserver
> > as "FILESERVER" -
> >> having to refer to the IP address?
> >
> >This does sound like you have a ROUTER (or routers)
> >internally since Broadcasts would work if you had none.
> >
> >If you have a router, you need a WINS server and you need
> >to set ALL of the machines (including ALL SERVERS) to
> >use the WINS server.
> >
> >And at that point you should install an internal DNS
> >server
> >too -- probably -- and point all internal machines to it.
> >
> >What happens when you "net view \\Server" name and
> >Ping servername by both these names and by numbers?
> >
> >--
> >Herb Martin
> >
> >
> >> Thanks.
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> >
> >.
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