

Re: Ghosting clients

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2004-11/1919.html>

From: Mark-Allen Perry (*mark-allen_at_mvps_dot_org*)

Date: 11/24/04

Date: Wed, 24 Nov 2004 18:48:22 +0100

I still think it might be the netcard settings. We had a small box you connect a cable to and the other end of the cable went to the netcard. It displayed the complete set of netcard settings, including speed, duplex, , etc. And it could also test send/recv. speed.

Hmmmm.... can you post the netcard settings from the DOS config files. I think the PROTOCOL.INI is supposed to have the netcard information inside.

Of course, I might be very wrong on this but I'm trying. I don't have a machine to test with here, only W2K laptop and W2K3 server.

--

Always try the MS KB first before posting.

MS KB: <http://support.microsoft.com/default.aspx?scid=fh;EN-US;KBHOWTO>

And the answer could have already been posted, so try searching this and other newsgroups first.

Mark-Allen Perry

ALPHA Systems

Marly, Switzerland

mark-allen_AT_mvps_DOT_org

"GMA257" <GMA257@discussions.microsoft.com> wrote in message news:4935DC7B-A797-41F7-8042-4D3F9

Good IP address information. All parameters from "ipconfig /all" look as they should. The DHCP handed out an IP address a subnet mask and a default gateway. It also handed out a Primary DNS server. There is no WINS server but then there isn't a WINS server configured.

"Mark-Allen Perry" wrote:

> Cool. Ok, what does the network information look like on the DOS machine under DOS?

>

> Are there IP address(es), mask, default gateway, WINS, DNS, etc.?

>

> Have you check that the other machine can be reach easily?

>

> It's been a long time for DOS but there has to be a simple reason for the bad one way traffic

>

> Keep me informed.

>

> --

> Always try the MS KB first before posting.

> MS KB: <http://support.microsoft.com/default.aspx?scid=fh;EN-US;KBHOWTO>

> And the answer could have already been posted, so try searching this and other newsgroups fir

> ----

> Mark-Allen Perry

> ALPHA Systems

> Marly, Switzerland

microsoft.public.windows.server.general: Re: Ghosting clients

```
> mark-allen_AT_mvps_DOT_org
>
> "GMA257" <GMA257@discussions.microsoft.com> wrote in message news:A71F33A8-028A-4EAF-B05C-A
> I checked the server and also found that the network cards were set to auto.
> I changed both the internet and intranet card configuration but still no go.
>
> "GMA257" wrote:
>
> > That was an excelent point that was posted just as I was starting an incedent
> > with Microsoft Tech Support so I called off the incedent knowing that I
> > hadn't configured the card for anything and knowing that Auto mode does
> > indeed assume some of the worse settings. Anyway I configured the card for
> > full duplex 100Mb in the protocol.ini file, rebooted the client, and that
> > didn't seem to help. The W2K3 server has the defaults in it for network
> > connectivity so I'm not for certain that it is also full duplex 100Mb. I'll
> > have to check that tonight but I'm not certain that it could be an issue on
> > the server side because the same network connection between the server and
> > the ethernet switch is shared between this DOS client and the other Windows
> > clients which are showing no network throughput problems. Unless the card
> > reconfigures itself between sepearate packets of information depending on
> > which client is do the packet transmission.?
> >
> > "Mark-Allen Perry" wrote:
> >
> > > Are the network settings under DOS set to the same as under WinZZZZZ?
> > >
> > > Meaning: network speed, duplex settings, etc.
> > >
> > > And are the network settings under DOS (IP address, mask, DNS, etc.) the same also?
> > >
> > > I have seen the DOS settings go to either half-duplex or 'Auto' and then the network is
> > >
> > > Just a thought.
> > >
> > > --
> > > Always try the MS KB first before posting.
> > > MS KB: http://support.microsoft.com/default.aspx?scid=fh;EN-US;KBHOWTO
> > > And the answer could have already been posted, so try searching this and other newsgrou
> > > ----
> > > Mark-Allen Perry
> > > ALPHA Systems
> > > Marly, Switzerland
> > > mark-allen_AT_mvps_DOT_org
> > >
> > > "GMA257" <GMA257@discussions.microsoft.com> wrote in message news:0733489B-4989-485C-
> > > I have everything in place to begin ghosting except fast network throughput
> > > from the DOS machine to the W2K3 server. If I copy any file from the DOS
> > > machine to the server it is painfully slow (45 seconds for 1.4Mb). However
> > > if I copy a file from the server to the DOS machine all is as it should be.
> > > I can reboot the DOS machine into Win95 or WinXP go to a DOS prompt and copy
> > > works just fine both directions.
> > >
> > > I have followed article 263088:
> > > http://support.microsoft.com/default.aspx?scid=kb;en-us;263088
> > > then I followed article 321098:
> > > http://support.microsoft.com/?kbid=321098
> > > I have determined from article 270926:
> > > http://support.microsoft.com/kb/270926
> > > That I am dealing with the Raw Mode data copy method.
> > >
> > > Using network monitor I'm not entirely convinced that I'm not having the
> > > problem discussed in article 810382:
```

microsoft.public.windows.server.general: Re: Ghosting clients

```
> > > http://support.microsoft.com/default.aspx?scid=kb;en-us;810382
> > > because the TCP Window size does get above the 8192 figure that was set in
> > > the above earlier article. I did not see an entry in the registry for
> > > SynAttackProtect so I did not create one with a value of 0 or 1 the article
> > > nearly stated that if the values was 2 to change it to 0 or 1.
> > >
> > > I have found that Ping can not be used to determine speed or to generate the
> > > needed traffic to determine TCP window size. In DOS, ping reports <50ms for
> > > a reply whether I'm pinging 127.0.0.1 or the server. The server however
> > > claims to ping the client in <1ms.
> > >
> > > I'm using NDIS 2 drivers on the client for a SIS900 network card. The boot
> > > disk was created by Norton Ghost. I have also used "Bart's Network Boot
> > > Disk" with no better luck.
> > > --
> > > G-ANDERSON
```