

Re: Replicate Wins problem

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.networking/2006-04/msg00124.html>

- *From:* "Herb Martin" <news@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 12 Apr 2006 10:09:31 -0500
-

"Micke__1" <Micke1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:E296661C-1480-44D8-8D11-3A78F8726979@xxxxxxxxxxxxxxxx

Hi Herb,

Thanx for you support. I believe I have to rtfm or something.

We don't generally tell you to do that (directly); it's general practice here to try to answer your questions or AT LEAST point out the FINE MANUAL or web page.

Personally I have no problem with being told to RTFM if a source and preferably page are supplied <grin>

Ive installed
2 2k DCs running in mixed mode, and 1 XP pro in vmware to test it.

Dc1 and Dc2 have wins pointed at them selves.

Usually fine -- no particular rule here and network efficiency says you are correct. You can also put in the "other" as the second WINS server etc.

XP point at Dc1.
Replicationpartners to eachother with push and pull

Make sure you have them exchanging changes in BOTH directions -- the GUI is a LITTLE confusing although the Win2000+ version are much clearer than was NT server.

When I goes in to wins statistics it says that it has replicated once..

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but
my XP record doesnt shows in Dc2.

Shows in DC1–WINS, they seem to replicate, yet doesn't show
in DC2–WINS?

I go back to the manual to read how it should work, obviously I have
missed
something :)

Actually the manual isn't likely much help here.

Do these things: In the GUI for WINS check that EACH
server has a Push and a Pull partnership with the OTHER.
Make sure the properties are sensible.

Check the EVEN log for any errors.

Then search the MS Site OR the built–in help for troubleshooting
methods AND ask here with specifics....

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br
Micke

"Herb Martin" wrote:

I have configured both of them as push and pull, Ive tried to
set the
DC1
to
push and DC2 to pull, but its the same..

That would only replicate ONE WAY which is generally
bad. Two PULLs are the usual case for WANS where one
much control replication carefully.

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Two PULL AND PUSH partners are the usual case for LANS or WANS where replication control is not an overriding concern.

Go back and check and make sure EACH side is able to pull changes (or both set to both.)

If I set both of them as PULL, can that work. Dont I need one push and one pull? If I did that, should it be it, or is there a security issue who could send their wins entryn to who?

Yes, as long as both are PULL PARTNERS they will INITIATE their own pull based based on time.

(Actually both could be set to PUSH PARTNER and they would initiate the transfer to their partner so each would get changes too but that is an unusual setup design.)

(Partner REALLY means "initiator".)

For completeness (not really required but likely no harm) make sure that BOTH are Push and Pull Partners of EACH OTHER — from both in both directions.

Since they are DCs authentication should not be an issue.

The error you received (no records) would be consistent with DC2-WINS not having any clients and so not having ANYTHING in the database. Do you get the same error in the other direction? (The error could be innocuous if only in one direction AND there is nothing available.)

There is entryn in the database, both dynamic, and static.

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Also every client can list both DC1–WINS and DC2–WINS if you wish. Force some to register directly with DC2–WINS to make sure you have a "database" initialized there — I have never heard of such an error but then I have always set up my WINS server in "plain vanilla" fashion and seldom experienced ANY of the problems other people have occasionally reported.

If I configure a client to DC2 the netbios name is registered correctly, but it can't replicate it to my DC1.

Sounds like DC1 is NOT set to PULL (and DC2 not set to PUSH to it.)

Make sure you don't have any firewall issues — either intermediate (unlikely) or the XP–Basic (or third party) local firewalls. Including no IPSec filter issues but you likely aren't doing that.

No such thing here..

Well, watch out for the BASIC (XP–like) firewall on EVERY server.

You of course DO have that if you're running Win2003, but may not have it if you are running Win2000.

Make sure NetBIOS is enabled on the problem DC (WINS should give EVEN more errors if it's now but I am trying to list everything that I would check.)

NetBios is enabled on both servers.

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And the DCs themselves should be WINS clients but I can't think how this mistake (if you didn't do this) would cause your specific problems.

Version of the OS and SP/hotfix status?

--

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"Micke__1" <Micke1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:272AAFE6-EA7D-47D3-855F-2312B3AEE57E@xxxxxxxxxxxxxxxxxxxx>

Herb,

"Herb Martin" wrote:

"Micke__1"
<Micke1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
<news:C46AB4F8-2302-412A-ABBA-77B11EC78E3B@xxxxxxxxxxxxxxxxxxxx>

Every machine on the lan is configured against the wins on dc1. It works fine. Its only the replication between dc1 and dc2 that is the problem. By running nbtstat -RR will do them register against dc1 again which alreday works, or is that another reason to do it?

Ok, so you have them all registered with DC1 and DC2 won't replicate? (And you have re-installed DC2's WINS which you didn't mention the first time?)

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Its correct, thought I mention that, my mistake.

Did you set EACH of them up as at least a
PULL or
PUSH partner of the other? You do not
necessarily
have to have each one as a Pull and Push
PARTNERS
but each be allowed to PULL.

--

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"Herb Martin" wrote:

"Micke__1"
<Micke1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in
message
<news:80321092-EA75-4A2E-932A-B43A73903D46@xxxxxxxxxxx>

We
use
2
windows
2000
DC
that
we
have
wins
on,
but
we
have
some
problem
with
wins
replication.

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Ive
used
it
with
NT4,
and
when
we
upgrade
to
w2000
for
a
couple
a
years
ago
we
didnt
need
it.
But
now
for
some
reasons
we
need
to
use
it.

Practically
everyone
who needed
WINS
under NT4
still
needed/needs
it under
Win2000+
(Many just
don't realize
it.)

I've
add
the
replication

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partner
to
the
the
two
dc's
and
use
push
and
pull.
I
have
set
that
it
just
should
replicate
to
partners.
But
it
doesn't
replicate
anything.

EVERY
machine
(DCs,
servers,
WINS
server, and
clients)
needs to
be a WINS
client on
their NIC
properties.

Removing
WINS
Server and
re-installing
it might be
a good idea
but
even that
shouldn't be
necessary if

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you just
re-register
ALL the
WINS
clients
(which is
EVERY
computer):

nbtstat -RR

(on each
machine
AND the
CAPITALIZATION
is necessary
which
is very
unusually
for a
Microsoft
command.)

WINS's
Replicator
could
not
find
any
records
in
the
WINS
database.
This
means
there
are
no
active
or
tombstone
records
in
the
database.
It
could
be
that

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the
records
being
requested
by
a
remote
WINS
server
have
either
been
released
or
do
not
exist.

--

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But
there
is
many
wins
records
in
the
database.

I
have
looked
in
the

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registry
and
it
seems
to
be
correct.
(Probably
not,
but
as
far
as
I
can
see).
I
have
also
tried
to
replicate
with
another
wins
server
and
it
doesn't
work,
and
I
have
also
reinstalled
the
wins
server,
but
no
success.

Any
suggestions?

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