

Re: dcpromo failed

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-06/msg00584

- *From:* "Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 13 Jun 2007 07:46:51 -0500
-

What the heck is a bandwidth accelerator?

—

Paul Bergson
MVP – Directory Services
MCT, MCSE, MCSA, Security+, BS CSci
2003, 2000 (Early Achiever), NT

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"doh" <doh@xxxxxxxxxxxx> wrote in message [news:f4n6tg\\$dqbs1@xxxxxxxxxxxx](news:f4n6tg$dqbs1@xxxxxxxxxxxx)

Issue resolved.

Turns out a bandwidth accelerator (hardware) was active during the dcpromo process. After disabling the accelerator I attempted the dcpromo again, this time it succeeded.

Thanks everyone, especially Paul, for the input.

"Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message <news:%235znJ6OrHHA.4100@xxxxxxxxxxxxxxxxxxxxxxxx>

He said he ran port query against the remote dc, unless of course he has high ports blocked and then rpc will fail. If that is the case there is a way to lock rpc down to specific ports and keep high ports turned off.

—

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"Anthony" <anthony.spam@xxxxxxxxxxxxxxxx> wrote in message
[news:u\\$TtL%23GrHHA.4108@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:u$TtL%23GrHHA.4108@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

I haven't followed all this, but RPC typically fails if the MTU
is not
managed correctly. You can tell this is the problem if other
RPC
operations fail. Do other RPC operations succeed? You say
there is a
hardware firewall between. This is the obvious cause,
Anthony
<http://www.airdesk.co.uk>

"doh" <doh@xxxxxxxxxxxx> wrote in message
[news:f4kd5p\\$6mc\\$1@xxxxxxxxxxxx](mailto:news:f4kd5p$6mc$1@xxxxxxxxxxxx)

Stumped indeed.

I tried a little further testing. I disjoined the
server from the
domain. Performed a metadata cleanup.
Removed all entries and
references to all services regarding the
server. Taking it from the
base level, trying to join the server to the
domain. Similar errors
regarding endpoints comes up.

"Paul Bergson [MVP-DS]"
<pbergson@xxxxxxxxxxxxxxxx> wrote in
message
[news:%23sNr\\$TFrHHA.484@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23sNr$TFrHHA.484@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

That error relates to rpc

I'm stumped

--

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MVP - Directory Services
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2003, 2000 (Early

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Achiever), NT

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"doh"

<doh@xxxxxxxxxxx>

wrote in message

[news:f4jqqq\\$kg\\$1@xxxxxxxxxxx](news:f4jqqqkg1@xxxxxxxxxxx)

Clutching at straws is what led me to the group!

I've confirmed that all settings are the same, along with time. The only error messages that come up in the log are the ones that are directly related to the dcpromo which are the same errors that are logged in the debug\dcpromo.log. Here is another error that comes up

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while trying
to do the
promotion.

"There are
no more
endpoints
available
from the
endpoint
mapper."

I've already
tried
everything
relevant
under
<http://support.microsoft.com/kb/839880>
and still
nothing.

Any other
thoughts on
this one?

"Paul
Bergson
[MVP-DS]"
<pbergson@xxxxxxxxxxxxxxxxxxxx>
wrote in
message
<news:%237ZAnWCrHHA.3924@xxxxxxxxxxxxxxxxxxxxxxxx>

How
about
time?
This
is
a
feeble
thought
but
make
sure
the
time
on

Re: dcpromo failed

the
member
server
is
within
5
minutes
of
the
dc,
if
not
this
could
be
the
problem.

Are
there
any
messages
in
the
Event
logs
on
the
DC's
that
pertain
to
this
problem?
How
about
on
the
member
server
attempting
to
be
promoted.

What
about
dns
settings,
are
they

Re: dcpromo failed

the
same
as
the
other
successful
DC's?

I
am
grasping
at
straws
since
the
only
one
that
is
struggling
is
this
64
bit
machine.

--
Paul
Bergson
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-
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any

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"doh"
<doh@xxxxxxxxxxxx>
wrote
in
message
[news:f4bt69\\$lji\\$1@xxxxxxxxxxxx](mailto:news:f4bt69lji1@xxxxxxxxxxxx)

LDP
bind
successful.

There
is
a
hardware
firewall
between
them,
but
it
is
completely
open/open.

The
portqryui
tool
basically
scans
the

Re: dcpromo failed

ports
I
already
scanned
with
the
command
line
version
of
the
tool,
but
since
I'm
looking
for
advice
I
ran
it
anyway.
The
only
ports
that
returns
as
not
listening
are
securemsft-gc-ssl,
and
nameserver
service
(we
don't
do
WINS).

"Paul
Bergson
[MVP-DS]"
<pbergson@xxxxxxxxxxxxxxxxxxxx>
wrote
in
message
[news:%23Vq\\$soqcqHHA.4836@xxxxxxxxxxxxxxxxxxxx](mailto:news:%23Vq$soqcqHHA.4836@xxxxxxxxxxxxxxxxxxxx)

Re: dcpromo failed

From
the
member
server
you
could
try
using
LDP
to
see
if
you
can
attach
from
this
box.
Is
there
a
firewall
between
this
box
and
the
rest
of
the
domain?

Also
you
could
run
protqryui
and
select
the
"Domains
and
Trusts"
option.

<http://www.microsoft.com/downloads/details>

--
Paul
Bergson
MVP
-

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"doh"
<doh@xxxxxxxxxxxx>
wrote
in
message
[news:f49po7\\$ncr\\$1@xxxxxxxxxxxx](news:f49po7ncr1@xxxxxxxxxxxx)

Ran
all
the

Re: dcpromo failed

diags
and
then
some
(dcidag
/test:dns,
portqry,
netmon,
etc...).
Speaking
in
general
terms
everything
seems
to
be
ok.
I
would
post
the
result,
but
I
don't
want
to
reveal
the
infrastructure
and
cleaning
up
the
file
would
take
way
too
long.

To
answer
Cary's
questions:

Re: dcpromo failed

We
do
have
multiple
domains.

We
do
have
multiple
sites
defined
in
AD.

A
note.
I
was
just
able
to
add
two
other
domain
controllers
in
to
the
same
domain/site.
This
is
the
only
domain
controller
that
fails.
The
only
difference
between
the
successful
promotions
and
the

Re: dcpromo failed

failure
is
the
failing
dcpromo
box
is
running
the
64-bit
version
of
Server.

Furthermore,
subsequent
attempts
of
performing
a
dcpromo
errors
out
with:

The
operation
failed
because:

An
LDAP
connection
could
not
be
established
with
the
domain
controller
contosodom1.contoso.com.

"The
specified
server
cannot

Re: dcpromo failed

perform
the
requested
operation."

"Paul
Bergson
[MVP-DS]"
<pbergson@xxxxxxxxxxxxxxxxxxxx>
wrote
in
message
<news:uv1BYFQqHHA.3484@xxxxx>

You
could
run
diagnostics
against
the
domain
to
see
if
there
are
any
issues
with
it.

If
you
don't
have
the
tools
installed,
install
them
from
your
server
install
disk.

Re: dcpromo failed

d:\support\tools\setup.exe

```
Run
dcdiag,
netdiag
and
reppadmin
in
verbose
mode.
->
DCDIAG
/V
/C
/D
/E
/s:yourdcname
>
c:\dcdiag.log
->
netdiag.exe
/v
>
c:\netdiag.log
(On
each
dc)
->
reppadmin.exe
/showrepl
dc*
/verbose
/all
/intersite
>
c:\repl.txt
```

```
**Note:
Using
the
/E
switch
in
dcdiag
will
run
diagnostics
against
ALL
dc's
in
```

Re: dcpromo failed

the
forest.
If
you
have
significant
numbers
of
DC's
this
test
could
generate
significant
detail
and
take
a
long
time.
You
also
want
to
take
into
account
slow
links
to
dc's
will
also
add
to
the
testing
time.

When
complete
search
for
fail,
error
and
warning
messages.

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"doh"
<doh@xxxxxxxxxxxx>
wrote
in
message
[news:f46tm0\\$kv0\\$1@xxxxx](news:f46tm0$kv0$1@xxxxx)

Re: dcpromo failed

Re: dcpromo failed

Running
into
wall
with
dcpromo.

All
DCs
in
the
forest
are
Server
2003
R2
32-bit

New
DC
to
be
added
is
Server
2003
R2
64-bit

Execute
dcpromo
(attempted
with
enterprise
admin
account
and
domain
admin
account)
and
it
goes
through
the
entire
process
including
replication
until:

The

Re: dcpromo failed

operation
failed
because:

Active
Directory
could
not
create
the
NTDS
Settings
object
for
this
domain
controller
CN=NTDS
Settings,CN=NEWD
on
the
remote
domain
controller
contosodom1.contos
Ensure
the
provided
network
credentials
have
sufficient
permissions.

"The
RPC
server
is
unavailable."

Any
clues?

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