

Re: How to recover from DC without GC?

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-01/msg02311

- *From:* "Per Hagstrom" <per.hagstrom@xxxxxxxxxxxxxxxx>
 - *Date:* Mon, 29 Jan 2007 10:36:27 -0600
-

Paul,

OK, got it. I do have the whole structure still there. All the Active Directory users and computers are still there. Only thing missing are the Group Policies I think. So that isn't too bad. I can redo those without too much hassle.

Well... except for the NETLOGON problem... hmm... seems to be needing files from the SYSVOL folder, is there any way I can "reset" NETLOGON back to default or something?

Thanks again for all your help! :)

/ Per

"Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxx> wrote in message news:ObC8Fv6QHHA.1208@xxxxxxxxxxxxxxxx

You can't get back any of your old files, but you should still be able to rebuild the structure. The only way you get back your old stuff is through a restore from backup.

--

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

<http://www.pbbergs.com>

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"Per Hagstrom" <per.hagstrom@xxxxxxxxxxxxxxxx> wrote in message [news:uQ4IL\\$1QHHA.4404@xxxxxxxxxxxxxxxx](mailto:news:uQ4IL$1QHHA.4404@xxxxxxxxxxxxxxxx)

Re: How to recover from DC without GC?

Paul,

If I'm reading the article right, it sounds like it's required to have all the files in the SYSVOL folder though? Since this DC doesn't have any files in the SYSVOL folder, I guess there is no way I can get that content back, or? (maybe I'm not understanding it right?)

/ Per

"Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message

news:eV1RQuyQHHA.4260@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

You should go and rebuild the folder structure and junction points

<http://support.microsoft.com/kb/315457/en-us>

--

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"Per Hagstrom" <per.hagstrom@xxxxxxxxxxxxxxxxxxxx> wrote in message

news:u0srtImQHHA.3304@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Paul,

Yes, I did have the error about not being able to become a DC.

Followed your second link, since this is the only running DC (first one failed with non accessible HD anymore), after running the D4 parameter, the FRS started up fine, and now is actually sharing it's SYSVOL! Yay!

;)

Only problem now when running DCDIAG is NETLOGON problem. Seems to have to do with that the SYSVOL is completely

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empty on files, the tree structure of all the folders is there, but contains no files what so ever...! :(
Opened the GP editor, and all the policies are all empty. The system knows the structure and I can still "browse" to the different policies but when opening them in edit mode, nothing is set.

I guess I lost all the files in the SYSVOL folder, and probably won't be able to get that back now, since the only other DC's HD is inaccessible?

Many thanks for all your help!

/ Per

"Paul Bergson [MVP-DS]"

<pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message

news:uNrp9E9OHHA.3872@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

If the sysvol can't be shared then the DC won't be able to service as a DC (Nor a GC).

If there is more than one dc in your domain you can just do a non-authoritative restore on your DC
<http://support.microsoft.com/?id=840674>

If this is the only DC in your domain then you will have to do a manual rebuild of the sysvol.
<http://support.microsoft.com/kb/315457/>

If you go through your event logs I'm betting you will find an error sayng something like sysvol is preventing this machine

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from becoming a
dc.

--

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"Per Hagstrom"

<per.hagstrom@xxxxxxxxxxxxxxxx>

wrote in message

<news:epwZBb5OHHA.3268@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Update:

Already
seized all
the FSMO
roles. Made
it GC. Tried
to run the
metadata
cleanup, but
can't find
the crashed
server, it
seems like
it's already
gone. I
think when
I took
ownership
of the
FSMO roles
before, I
somehow
followed
some

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instructions
on how to
completely
get
rid of the
old DC. So
guess the
cleanup is
already
taken care
of.
However,
running
DCdiag
gives me
one
problem.
Here is the
capture of
the
problem:

Starting
test:
FsmoCheck
Warning:
DcGetDcName(GC_SERVER_REQUIRED)
call failed,
error
1355
A Global
Catalog
Server
could not be
located –
All GC's are
down.
Warning:
DcGetDcName(TIME_SERVER)
call failed,
error 1355
A Time
Server
could not be
located.
The server
holding the
PDC role is
down.
Warning:
DcGetDcName(GOOD_TIME_SERVER_PREFERRED)

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call failed,
error 1355
A Good
Time Server
could not be
located.
Warning:
DcGetDcName(KDC_REQUIRED)
call failed,
error 1355
A KDC
could not be
located –
All the
KDCs are
down.
.....
Domain.com
failed test
FsmoCheck

Everything
else passed
fine. Seems
like it's
having
trouble
becoming
a GC? Also
if I open
A.D. Users
and
Computers,
and try to
open a
Group
Policy, it
also gives
me an error
about not
being able
to find
the DC for
GP
operations.
Also saw an
error in the
event log
about
SYSVOL
having

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trouble
getting
created/shared...

Any ideas
what to try
next?

Many
thanks for
all your
help!! :)

/ Per

"Herb
Martin"
<news@xxxxxxxxxxxxxxxx>
wrote in
message
news:Occ4YefOHHA.3900@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

"Per
Hagstrom"
<per.hagstrom@xxxxxxxxxxxxxxxx>
wrote
in
message
news:eBQmxYfOHHA.4172@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

OK,
the
reason
I
asked
was
when
I
first
tried
to
promote
it
and
make
it
GC,
it

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complained
it
couldn't
find
the
"domain",
the
DNS
didn't
work,
A.D
didn't
work
and
so
on...
but
now
after
waiting
a
while,
it
had
actually
recreated
itself
somehow...
!

Only
problem
now
is
when
I
tried
to
join
a
new
server
to
become
another
DC,
it
complained
again
about
domain

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not
found...
strange..
maybe
that's
part
of
the
metadata
cleanup?

You've
got
DNS
problems.
DNS
is
the
MAIN
cause
of
both
authentication
and
replication
issues
in
Windows
AD
domains,
and
authentication
PLUS
replication
is
required
for
DCPromo
(authenticate
you
the
admin,
and
replicate
the
new
DC
etc.)

The

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new
server
must
use
STRICTLY
the
DNS
server
that
knows
(how
to
find)
the
DNS
zone
which
supports
AD.

So
must
the
existing
DC
and
all
other
domain
machines
on
the
NIC->IP
properties.

You
zone
must
be
dynamic.
The
DC
must
be
registered
and
it
should
be
able
to

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pass
a
full
DCDiag
(support
tools
from
server
CDRom).
Save
text
to
a
file
and
search
for
FAIL
and
WARN.

Fix
those
or
post
the
unedited
text
from
both
DC
and
"new
server"
output
of:
"IPconfig
/all
>file.txt"
as
well
as
DCDiag
you
did
above:

--
Herb
Martin,

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MCSE,
MVP
<http://www.LearnQuick.Com>
(phone
on
web
site)