

Re: Troubleshooting DC with dcdiag

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2004-11/0112.html

From: Mark Renoden [MSFT] (markreno_at_online.microsoft.com)

Date: 11/02/04

Date: Tue, 2 Nov 2004 13:38:14 +1100

Hi

Provided they were members of the domain to start with and continue to have connectivity to a DC across the WAN, they should be OK. Worst case that I can think of is that you'll need to reset the secure channel ...

329721 Description of Netdom.exe Syntax and Versions

<http://support.microsoft.com/?id=329721>

Kind regards

--

Mark Renoden [MSFT]
Windows Platform Support Team
Email: markreno@online.microsoft.com
Please note you'll need to strip ".online" from my email address to email me; I'll post a response back to the group.
This posting is provided "AS IS" with no warranties, and confers no rights.
"Dave" <Dave@discussions.microsoft.com> wrote in message
news:D0C0C393-9A85-4256-A6D2-CD4190DF58BB@microsoft.com...
> I'll try the steps that you mentioned, but what should I do about the
> member
> servers that reside in the remote location? Will I need to remove them
> from
> the domain as well?
>
> "Mark Renoden [MSFT]" wrote:
>
>> Hi Dave
>>
>> Looking at this, it hasn't replicated successfully since 2004-08-06.
>> This
>> being so, attempting to bring this DC back into replication is a bad idea
>> given we're past the tombstone lifetime. I'd suggest taking a look at
>>
>> 332199 Using the DCPROMO /FORCEREMOVAL Command to Force the Demotion of
>> Active
>> <http://support.microsoft.com/?id=332199>
>>
>> The more information section touches on the 60 day lifetime. Your best
>> course of action at this stage is probably using /Forceremoval to
>> eliminate
>> the DC, cleaning up the directory using metadata cleanup and rebuilding

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>> this
>> problematic DC from scratch. For steps to clean up the directory (as
>> referenced in the above mentioned article):
>>
>> 216498 How to remove data in Active Directory after an unsuccessful
>> domain
>> http://support.microsoft.com/?id=216498
>>
>> Kind regards
>> --
>> Mark Renoden [MSFT]
>> Windows Platform Support Team
>> Email: markreno@online.microsoft.com
>>
>> Please note you'll need to strip ".online" from my email address to email
>> me; I'll post a response back to the group.
>>
>> This posting is provided "AS IS" with no warranties, and confers no
>> rights.
>>
>>
>> "Dave" <Dave@discussions.microsoft.com> wrote in message
>> news:FDB5C203-7AC2-49AE-AB09-2367F293A5A5@microsoft.com...
>> > Communication between the sites has been spotty at best for at least
>> > the
>> > last
>> > 6-8 weeks, but it is up continuously now. I have no trouble logging
>> > into
>> > it
>> > or any of the other servers/desktops that reside at that the remote
>> > location.
>> >
>> > "Mark Renoden [MSFT]" wrote:
>> >
>> >> Hi Dave
>> >>
>> >> How long is a "while"?
>> >>
>> >> Kind regards
>> >> --
>> >> Mark Renoden [MSFT]
>> >> Windows Platform Support Team
>> >> Email: markreno@online.microsoft.com
>> >>
>> >> Please note you'll need to strip ".online" from my email address to
>> >> email
>> >> me; I'll post a response back to the group.
>> >>
>> >> This posting is provided "AS IS" with no warranties, and confers no
>> >> rights.
>> >>
>> >> "Dave" <Dave@discussions.microsoft.com> wrote in message
>> >> news:1EB09D24-BCE2-4EAE-BC81-3AC84D1D579F@microsoft.com...
>> >> > I'm having some problems with a remote site DC after the network
>> >> > connection
>> >> > between our main site and the remote site has been down for a while.
>> >> > Any
>> >> > insight would be greatly appreciated. The local DC has no issues
>> >> > when
>> >> > Dcdiag
>> >> > is run. Here is what I get when I run dcdiag from the remote DC:
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```
>> >> > -----
>> >> > C:\>dcdiag
>> >> >
>> >> > DC Diagnosis
>> >> >
>> >> > Performing initial setup:
>> >> >   Done gathering initial info.
>> >> >
>> >> > Doing initial non skippeable tests
>> >> >
>> >> >   Testing server: DOMAIN\RemoteDC
>> >> >     Starting test: Connectivity
>> >> >       ..... RemoteDC passed test Connectivity
>> >> >
>> >> > Doing primary tests
>> >> >
>> >> >   Testing server: DOMAIN\RemoteDC
>> >> >     Starting test: Replications
>> >> >       [Replications Check,RemoteDC] A recent replication attempt
>> >> > failed:
>> >> >         From LocalDC to RemoteDC
>> >> >         Naming Context:
>> >> >         CN=Schema,CN=Configuration,DC=DOMAIN,DC=com
>> >> >         The replication generated an error (5):
>> >> >         Access is denied.
>> >> >         The failure occurred at 2004-11-01 15:51.22.
>> >> >         The last success occurred at 2004-08-06 07:57.08.
>> >> >         3733 failures have occurred since the last success.
>> >> >       [Replications Check,RemoteDC] A recent replication attempt
>> >> > failed:
>> >> >         From LocalDC to RemoteDC
>> >> >         Naming Context: CN=Configuration,DC=DOMAIN,DC=com
>> >> >         The replication generated an error (5):
>> >> >         Access is denied.
>> >> >         The failure occurred at 2004-11-01 15:51.21.
>> >> >         The last success occurred at 2004-08-06 07:57.08.
>> >> >         3734 failures have occurred since the last success.
>> >> >       [Replications Check,RemoteDC] A recent replication attempt
>> >> > failed:
>> >> >         From LocalDC to RemoteDC
>> >> >         Naming Context: DC=DOMAIN,DC=com
>> >> >         The replication generated an error (5):
>> >> >         Access is denied.
>> >> >         The failure occurred at 2004-11-01 15:51.21.
>> >> >         The last success occurred at 2004-08-06 07:57.07.
>> >> >         3733 failures have occurred since the last success.
>> >> >       ..... RemoteDC passed test Replications
>> >> >     Starting test: NCSecDesc
>> >> >       ..... RemoteDC passed test NCSecDesc
>> >> >     Starting test: NetLogons
>> >> >       ..... RemoteDC passed test NetLogons
>> >> >     Starting test: Advertising
>> >> >       Warning: RemoteDC is not advertising as a time server.
>> >> >       ..... RemoteDC failed test Advertising
>> >> >     Starting test: KnowsOfRoleHolders
>> >> >       [LocalDC] DsBind() failed with error -2146893022,
>> >> >       The target principal name is incorrect..
>> >> >       Warning: LocalDC is the Schema Owner, but is not responding
>> >> > to
>> >> > DS
>> >> > RPC B
>> >> > ind.
```

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>> >> > [LocalDC] LDAP bind failed with error 31,
>> >> > A device attached to the system is not functioning..
>> >> > Warning: LocalDC is the Schema Owner, but is not responding
>> >> > to
>> >> > LDAP
>> >> > Bin
>> >> > d.
>> >> > Warning: LocalDC is the Domain Owner, but is not responding
>> >> > to
>> >> > DS
>> >> > RPC B
>> >> > ind.
>> >> > Warning: LocalDC is the Domain Owner, but is not responding
>> >> > to
>> >> > LDAP
>> >> > Bin
>> >> > d.
>> >> > Warning: LocalDC is the PDC Owner, but is not responding to
>> >> > DS
>> >> > RPC
>> >> > Bind
>> >> > .
>> >> > Warning: LocalDC is the PDC Owner, but is not responding to
>> >> > LDAP
>> >> > Bind.
>> >> > Warning: LocalDC is the Rid Owner, but is not responding to
>> >> > DS
>> >> > RPC
>> >> > Bind
>> >> > .
>> >> > Warning: LocalDC is the Rid Owner, but is not responding to
>> >> > LDAP
>> >> > Bind.
>> >> > Warning: LocalDC is the Infrastructure Update Owner, but is
>> >> > not
>> >> > respond
>> >> > ing to DS RPC Bind.
>> >> > Warning: LocalDC is the Infrastructure Update Owner, but is
>> >> > not
>> >> > respond
>> >> > ing to LDAP Bind.
>> >> > ..... RemoteDC failed test
>> >> > KnowsOfRoleHolders
>> >> > Starting test: RidManager
>> >> > [RemoteDC] DsBindWithCred() failed with error -2146893022.
>> >> > The
>> >> > target pr
>> >> > incipal name is incorrect.
>> >> > ..... RemoteDC failed test RidManager
>> >> > Starting test: MachineAccount
>> >> > ..... RemoteDC passed test
>> >> > MachineAccount
>> >> > Starting test: Services
>> >> > w32time Service is stopped on [RemoteDC]
>> >> > Could not open IISADMIN Service on [RemoteDC]:failed with
>> >> > 1060:
>> >> > The s
>> >> > pecified service does not exist as an installed service.
>> >> > Could not open SMTPSVC Service on [RemoteDC]:failed with
>> >> > 1060:
>> >> > The sp
>> >> > ecified service does not exist as an installed service.
```

