

microsoft.public.exchange.admin: Re: Getting tons of topology discovery errors.

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Source:

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.admin/2004-08/4563.html>

From: loupgarou (*anonymous_at_discussions.microsoft.com*)

Date: 08/31/04

Date: Mon, 30 Aug 2004 19:48:44 -0700

yes i can..

I've since converted the exchange server into an active directory domain controller as well.

>-----Original Message-----

>can you use LDP to bind to the GC and LDAP ports?

>

>"loupgarou" <anonymous@discussions.microsoft.com> wrote
in message news:<069301c48bfe\$e068b8d0\$a401280a@phx.gbl>...

>> I've turn the global catalogue option of the BDC on

>> (active directory sites and services) and turned on

>> Universal group caching

>> and most of the errors stop appearing, but every now
and

>> then, active directory users and computers fails to
work.

>>

>> seems like there's something wrong with the ldap or ad
>> connection?

>>

>> I did not configure a dns reverse lookup zone at all,
is

>> it even needed?

>>

>>

>>

>> >-----Original Message-----

>> >This server is a new one with mailboxes migrated from
>> >exchange 5.5

>> >--

>> >it runs fine but encounters errors (somehow loses
contact

>> >with the PDC)

>> >

>> >"Process IISIPMED1BBF5E-ED6A-4E8B-89F2-14AE04CFD1CC -

>> >AP "EXCHANGEAPPLICATIONPOOL (PID=1968). Topology

>> >Discovery failed, error 0xffffffff.

>> >

>> >Windows cannot determine the user or computer name.
(The

>> >specified domain either does not exist or could not be

>> >contacted.). Group Policy processing aborted.

>> >

>> >"Process MAD.EXE (PID=272). All Domain Controller

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Servers

```
>> >in use are not responding:
>> >PDC.xxx.com.sg
>> >bdc.xxx.com.sg
>> >
>> >"Process MAD.EXE (PID=272). Topology Discovery failed,
>> >error 0xffffffff.
>> >"DSACCESS returned an error '0x80004005' on DS
>> >notification. Microsoft Exchange System Attendant will
re-
>> >set DS notification later.
>> >
>> >"Process STORE.EXE (PID=2160). Topology Discovery
failed,
>> >error 0xffffffff.
>> >
>> >"NSPI Proxy can contact Global Catalog
>> >INSIGHTPDC.xxx.com.sg but it does not support the NSPI
>> >service. After a Domain Controller is promoted to a
>> >Global
>> >Catalog, the Global Catalog must be rebooted to
support
>> >MAPI Clients. Reboot PDC.xxx.com.sg as soon as
>> >possible.
>> >
>> >
>> >"NSPI Proxy cannot contact any Global Catalog that
>> >supports the NSPI Service. New clients will be refused
>> >until a Global Catalog is available. After a Domain
>> >Controller is promoted to a Global Catalog, it must be
>> >rebooted to support MAPI Clients.
>> >
>> >"Referral Interface cannot contact any Global Catalog
>> >that
>> >supports the NSPI Service. Clients making RFR requests
>> >will fail to connect until a Global Catalog becomes
>> >available again. After a Domain Controller is promoted
to
>> >a Global Catalog, it must be rebooted to support MAPI
>> >Clients.
>> >
>> >"LDAP Bind was unsuccessful on directory
bdc.xxx.com.sg
>> >for distinguished name ''. Directory returned error:
>> >[0x51]
>> >Server Down.
>> >
>> >"The Win32 API call 'DsGetDCNameW' returned error code
>> >[0x54b] The specified domain either does not exist or
>> >could not be contacted. The service could not be
>> >initialized. Make sure that the operating system was
>> >installed properly.
>> >
>> >"Background thread FDoUpdateCatalog halted on
>> >database ""First Storage Group\Public Folder Store
>> >(EXCHANGE2003)"" due to error code 0x80004005.
>> >
>> >"Process INETINFO.EXE (PID=1528). All the DS Servers
in
>> >domain are not responding.
>> >
>> >"Unexpected error An operations error occurred.
```

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```
Facility:
>> >LDAP Provider ID no: 80072020 Microsoft Exchange
System
>> >Attendant occurred.
>> >
>> >Process EMSMTA.EXE (PID=2868). All the DS Servers in
>> >domain are not responding.
>> >
>> >"The Directory Service Referral interface failed to
>> >service a client request. RFRI is returning the error
>> >code:
>> >[0x3f0].
>> >
>> >
>> >"LDAP Bind was unsuccessful on directory
PDC.xxx.com.sg
>> >for distinguished name ''. Directory returned error:
>> >[0x51]
>> >Server Down. DC=xxx,DC=com,DC=sg
>> >
>> >"Unexpected error An operations error occurred.
Facility:
>> >LDAP Provider ID no: 80072020 Microsoft Exchange
System
>> >Attendant occurred.
>> >
>> >-----
>> >
>> >the fact that it can work 70%? of the time indicates
that
>> >configuration should be ok, somehow its bugged out or
>> >losing contact with the pdc.. my other bdc doesn't
report
>> >any problems at all when this is happened.
>> >
>> >I've swapped network cables incase its a cable
problem,
>> >but to no effect
>> >
>> >what do you suggest I do? make the exchange server a
bdc
>> >as well?
>> >
>> >
>> >.
>> >
>.
>
```