

Re: multiple errors in Active Directory

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-02/msg00578

- *From:* "Ace Fekay [MVP]" <PleaseSubstituteMyActualFirstName&LastNameHere@xxxxxxxxxxxx>
 - *Date:* Tue, 7 Feb 2006 01:04:23 -0500
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In [news:F93D9966-E14F-4C5F-8E0F-D3E7A8958106@xxxxxxxxxxxxxx](mailto:F93D9966-E14F-4C5F-8E0F-D3E7A8958106@xxxxxxxxxxxxxx), Gilbert <Gilbert@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> stated, which I commented on below:

No drive or registry permissions have been altered in the past. All hotfixes and updates are up to date. Here's the ipconfig info. I'll also post the Event IDs below.

Windows IP Configuration:

Host name.....shs2003server
Primary DNS suffix.....sutherlin.k12.or.us
Node type.....unknown
IP Routing Enabled.....no
WINS proxy enabled.....no
DNS suffix search list.....sutherlin.k12.or.us
k12.or.us
or.us

Ethernet Adapter Local Area Connection:

Connection-specific DNS suffix:
Description.....Realtek
RTL8139
Family PCI
Physical
address.....00-11-D8-08-64-58
DHCP Enabled.....no
IP Address.....10.30.0.10
Subnet mask.....255.255.0.0
Default gateway.....10.30.0.1
DNS Servers.....10.30.0.10

172.16.0.2 172.16.0.3

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Windows IP Configuration:

Host name.....sutherlin-web
Primary DNS suffix.....sutherlin.k12.or.us
Node type.....unknown
IP Routing Enabled.....no
WINS proxy enabled.....no
DNS suffix search list.....sutherlin.k12.or.us
k12.or.us
or.us

Ethernet Adapter Local Area Connection:

Connection-specific DNS suffix:

Description.....Intel
Pro 1000
Physical
address.....00-30-48-29-0A-6A
DHCP Enabled.....no
IP Address.....10.30.0.12
Subnet mask.....255.255.0.0
Default gateway.....10.30.0.1
DNS Servers.....10.30.0.10

Windows IP Configuration:

Host name.....sutherlin-win3
Primary DNS suffix.....sutherlin.k12.or.us
Node type.....unknown
IP Routing Enabled.....no
WINS proxy enabled.....no
DNS suffix search list.....sutherlin.k12.or.us
k12.or.us
or.us

Ethernet Adapter Local Area Connection:

Connection-specific DNS suffix:

Description.....Intel
Pro 1000
Physical
address.....00-30-48-2D-AA-22
DHCP Enabled.....no
IP Address.....10.30.0.14
Subnet mask.....255.255.0.0
Default gateway.....10.30.0.1
DNS Servers.....10.30.0.10
172.16.0.2
172.16.0.3

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Event id 5719 Source: Netlogon

This computer was not able to set up a secure session with a domain controller in domain WESTINTERMED due to the following:

There are currently no logon servers available to service the logon request.

This may lead to authentication problems. Make sure that this computer is

connected to the network. If the problem persists, please contact your domain administrator.

ADDITIONAL INFO

If this computer is a domain controller for the specified domain, it sets up

the secure session to the primary domain controller emulator in the specified

domain. Otherwise, this computer sets up the secure session to any domain

controller in the specified domain.

Event Id 8003 Source: MrxSmb

The master browser has received a server announcement from the computer

SUTHERLIN-WIN3 that believes that it is the master browser for the domain on

transport NwlnkNb. The master browser is stopping or an election is being

forced.

Event id 8009 Source BROWSER

The browser was unable to promote itself to master browser. The computer

that currently believes it is the master browser is SUTHERLIN-WIN3.

Event id 1419 Source: NTDS General

The local domain controller is both a global catalog and the infrastructure

operations master. These two roles are not compatible.

If another domain controller exists in the domain, it should be made the

infrastructure operations master. The following domain controller is a good

candidate for this role.

Domain controller:

CN=NTDS

Settings,CN=SUTHERLIN-WIN3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,...

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If all domain controllers in this domain are global catalogs, then there are no infrastructure update tasks to complete, and this message might be ignored.

Event id 1925 Source Event KCC

The attempt to establish a replication link for the following writable directory partition failed.

Directory partition:

CN=Configuration,DC=sutherlin,DC=k12,DC=or,DC=us

Source domain controller:

CN=NTDS

Settings,CN=SUTHERLIN-WIN3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,

Source domain controller address:

2e1294c0-0826-4dfc-bd77-78dd6c903628._msdcs.sutherlin.k12.or.us

Intersite transport (if any):

This domain controller will be unable to replicate with the source domain controller until this problem is corrected.

User Action

Verify if the source domain controller is accessible or network connectivity is available.

Additional Data

Error value:

8524 The DSA operation is unable to proceed because of a DNS lookup failure.

Event id 50 Source: W32time

The time service detected a time difference of greater than 5000 milliseconds for 900 seconds. The time difference might be caused by synchronization with low-accuracy time sources or by suboptimal network conditions. The time service is no longer synchronized and cannot provide the time to other clients or update the system clock. When a valid time stamp is received from a time service provider, the time service will correct itself.

Event id 6702 Source: DNS

DNS server has updated its own host (A) records. In order to ensure that its DS-integrated peer DNS servers are able to replicate with this

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server, an attempt was made to update them with the new records through dynamic update.

An error was encountered during this update, the record data is the error code.

If this DNS server does not have any DS-integrated peers, then this error should be ignored.

If this DNS server's Active Directory replication partners do not have the correct IP address(es) for this server, they will be unable to replicate with it.

To ensure proper replication:

- 1) Find this server's Active Directory replication partners that run the DNS server.
- 2) Open DnsManager and connect in turn to each of the replication partners.
- 3) On each server, check the host (A record) registration for THIS server.
- 4) Delete any A records that do NOT correspond to IP addresses of this server.
- 5) If there are no A records for this server, add at least one A record corresponding to an address on this server, that the replication partner can contact. (In other words, if there multiple IP addresses for this DNS server, add at least one that is on the same network as the Active Directory DNS server you are updating.)
- 6) Note, that is not necessary to update EVERY replication partner. It is only necessary that the records are fixed up on enough replication partners so that every server that replicates with this server will receive (through replication) the new data.

Event id 13508 Source: NTFrs

The File Replication Service is having trouble enabling replication from

SUTHERLIN-WIN3 to SHS2003SERVER for c:\windows\sysvol\domain using the DNS

name sutherlandlin-win3.sutherlandlin.k12.or.us. FRS will keep retrying.

Following are some of the reasons you would see this warning.

[1] FRS can not correctly resolve the DNS name

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sutherlin-win3.sutherlin.k12.or.us from this computer.
[2] FRS is not running on sutherlin-win3.sutherlin.k12.or.us.
[3] The topology information in the Active Directory for this replica has not yet replicated to all the Domain Controllers.

This event log message will appear once per connection, After the problem is fixed you will see another event log message indicating that the connection has been established.

Event id 202 Source: License service
The product Windows Server is out of licenses. Use Licensing from the Administrative Tools folder for more information on which users are out of compliance and how many licenses should be purchased.

Event id 1085 Source: Userenv
The Group Policy client-side extension Folder Redirection failed to execute.
Please look for any errors reported earlier by that extension.

Event id 107 Source: folder redirection
Failed to perform redirection of folder My Documents. The folder is configured to be redirected from <C:\Documents and Settings\Administrator\My Documents> to <>. The following error occurred:
The specified path is invalid.

"Ace Fekay [MVP]" wrote:

What are these two DNS servers listed in SH@Server?

172.16.0.2
172.16.0.3

Do they host the AD zone and are domain controllers or are they external DNS servers (such as an ISP's) that has no information about your internal AD structure? If they are external DNS servers, I would immediately remove them for they would be the cause of all these issues.

Ace

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