

## Re: Receiving a File Replication Service error on 2 DC's.

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2008-03/msg01135](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2008-03/msg01135)

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- *From:* Eric Guzman <[EricGuzman@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:EricGuzman@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 27 Mar 2008 06:07:00 -0700
- 

I will actually be building 2 new domain controllers and moving all FMSO roles, DNS, WINS, and DHCP off all the current domain controllers and eventually decommission them and only having the 2 new Domain Controllers. Do you think this will resolve my issues?

"Paul Bergson [MVP-DS]" wrote:

I'm going to guess this occurred from doing a clone of your dc's, this is not supported and can create issues with replication (NTDS), which is what it sounds like you are experiencing (There are ways to make this work but you have to shut off replication). Odd thing is I have only heard of this happening against NTDS not NTFRS, so I can't tell you this is what caused the issue, never the less read the following article on the fallout from such an approach.

<http://support.microsoft.com/?id=875495>

I would recommend by starting with a non-authoritative restore of your sysvol. I would start by making sure the DC you perform this on is treated as the authoritative one and set the burflg setting to D4.

See:

<http://support.microsoft.com/kb/315457/>

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MVP – Directory Services  
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2008, 2003, 2000 (Early Achiever), NT4

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Re: Receiving a File Replication Service error on 2 DC's.

"Eric Guzman" <Eric.Guzman@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
news:75CD313D-F26A-487F-9879-39A5872C7ED0@xxxxxxxxxxxxxxxxxxxxx

The 2 domain controllers receive Event ID's 13555 and 13552 every day a couple of times. Restarting the services did not fix the issue. All domain controllers are running Windows 2003 Standard sp1. These servers were cloned about 5 months ago on new hardware and that's when the problem started. We will be applying service pack 2 later today in hopes of fixing the issue. I would like other alternatives to try and remedy the problem instead of what the logs say.

Event ID 13555

The File Replication Service is in an error state. Files will not replicate to or from one or all of the replica sets on this computer until the following recovery steps are performed:

Recovery Steps:

[1] The error state may clear itself if you stop and restart the FRS service. This can be done by performing the following in a command window:

```
net stop ntfrs  
net start ntfrs
```

If this fails to clear up the problem then proceed as follows.

[2] For Active Directory Domain Controllers that DO NOT host any DFS alternates or other replica sets with replication enabled:

If there is at least one other Domain Controller in this domain then restore the "system state" of this DC from backup (using ntbackup or other backup-restore utility) and make it non-authoritative.

If there are NO other Domain Controllers in this domain then restore the "system state" of this DC from backup (using ntbackup or other backup-restore utility) and choose the Advanced option which marks the sysvols as primary.

If there are other Domain Controllers in this domain but ALL of them have this event log message then restore one of them as primary (data files from

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primary will replicate everywhere) and the others as non-authoritative.

[3] For Active Directory Domain Controllers that host DFS alternates or other replica sets with replication enabled:

(3-a) If the Dfs alternates on this DC do not have any other replication partners then copy the data under that Dfs share to a safe location.

(3-b) If this server is the only Active Directory Domain Controller for this domain then, before going to (3-c), make sure this server does not have

any inbound or outbound connections to other servers that were formerly Domain Controllers for this domain but are now off the net (and will never be

coming back online) or have been fresh installed without being demoted. To delete connections use the Sites and Services snapin and look for Sites->NAME\_OF\_SITE->Servers->NAME\_OF\_SERVER->NTDS Settings->CONNECTIONS.

(3-c) Restore the "system state" of this DC from backup (using ntbakup or other backup-restore utility) and make it non-authoritative.

(3-d) Copy the data from step (3-a) above to the original location after the sysvol share is published.

[4] For other Windows servers:

(4-a) If any of the DFS alternates or other replica sets hosted by this server do not have any other replication partners then copy the data under its share or replica tree root to a safe location.

(4-b) net stop ntfrs

(4-c) rd /s /q c:\windows\ntfrs\jet

(4-d) net start ntfrs

(4-e) Copy the data from step (4-a) above to the original location after the service has initialized (5 minutes is a safe waiting time).

Note: If this error message is in the eventlog of all the members of a particular replica set then perform steps (4-a) and (4-e) above on only one of the members.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

Event ID: 13552

The File Replication Service is unable to add this computer to the following

replica set:

"DOMAIN SYSTEM VOLUME (SYSVOL SHARE)"

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This could be caused by a number of problems such as:

- an invalid root path,
- a missing directory,
- a missing disk volume,
- a file system on the volume that does not support NTFS 5.0

The information below may help to resolve the problem:

Computer DNS name is "mcgcpdc.co.mchenry.il.us"

Replica set member name is "MCGCPDC"

Replica set root path is "c:\windows\sysvol\domain"

Replica staging directory path is "c:\windows\sysvol\staging\domain"

Replica working directory path is "c:\windows\ntfrs\jet"

Windows error status code is

FRS error status code is FrsErrorMismatchedJournalId

Other event log messages may also help determine the problem. Correct the problem and the service will attempt to restart replication automatically

at

a later time.

For more information, see Help and Support Center at