

# RE: Sysvol contents missing and no NetLogon share

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2007-10/msg01573](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-10/msg01573)

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- *From:* DJH <[DJH@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:DJH@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 24 Oct 2007 00:20:01 -0700
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Hey,

In the FRS event log, do you have a recent eventID 13516:

"The File Replication Service is no longer preventing the computer DCA from becoming a domain controller. The system volume has been successfully initialized and the Netlogon service has been notified that the system volume is now ready to be shared as SYSVOL."

I thought that the SYSVOL and NETLOGON shares were created once FRS had successfully replicated with another DC. So if those shares are missing I would have thought there were issues with FRS/replication..

I think that the reason there is no Netlogon share under \\DCA\Netlogon is because netlogon actually lives underneath the folders of Sysvol?

Regardless of where the folder is it would be shared as "Netlogon" so the UNC path would be \\DCA\Netlogon - dcdiag will use a UNC path to verify if other machines on the network can access it

I'd remove the replication objects under sites/services -> DC -> NTDS settings  
Restart Netlogon/FRS on the problem DC  
wait 30 mins - then see if KCC can re-create them

No more errors in dcdiag?  
No problems with a netdiag /test:dns ?  
Is the virtual server using the same IP as the original physical box?

On DCA, assuming its AD integrated DNS, open up DNS, expand \_msdcs.domain  
There will be a CNAME record with the DC's GUID  
x656556-gffggfgf-bvbvfv-fgffg-rtytytyty ALIAS (CNAME) DCA.Domain.local

Copy the FQDN of this CNAME, then log onto another DC...lets say its DCB.

From DCB can you resolve this FQDN?

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"Mauricio Botero" wrote:

Hello,

I have about 8 sites with over 20 something DCs and 4 domains. In this one site that I am having my problem, DomainA has this one Domain controller (DCA) that just recently was converted from physical to virtual. I know immediately your gonna think what ever problems your having probably stemmed from converting a dc (USN rollback). Well I did the P2V while doing some other stuff to prevent USN Rollback. After the P2V everything was working fine; Replication, authentication, etc. It's been a week or two, and I got reports that some clients were failing to apply Group Policy. Traced these clients trying to get Group Policy from DCA and saw that this DC's SYSVOL share \\DCA\sysvol was empty, and that there is no NetLogon share as well.

First I attempted to rebuild the sysvol structure using the NTFRS\_CMD\_FILE\_MOVE\_ROOT file creation process. This did not work for me.

Tried stopping FRS, changing the burflags entry to d2, then starting the FRS again and the log entries were showing results (saying that the membership in the domain set was resetting, the files were moved to the preexisting folder, etc); still no contents in the Sysvol share. I forced replication from one of its inbound replication partners and replication was succesful.

I think that the reason there is no Netlogon share under \\DCA\Netlogon is because netlogon actually lives underneath the folders of Sysvol?

Any suggestions? Below are the only failures in the dcdiag on that server (netdiag gives no errors):

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Starting test: NetLogons

Unable to connect to the NETLOGON share! (\\DCA\netlogon)  
[DCA] An net use or LsaPolicy operation failed with error 1203, No network provider accepted the given network path..

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I also get this error in the system log:

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Event Type: Error  
Event Source: NETLOGON  
Event Category: None  
Event ID: 5706  
Date: 10/23/2007  
Time: 1:49:25 PM  
User: N/A  
Computer: DCA  
Description:  
The Netlogon service could not create server share

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F:\SYSVOL\sysvol\DomainA.COM\SCRIPTS. The following error occurred:  
The system cannot find the path specified.

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I also get this error in the application log(the frequency of this error is odd):

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Event Type: Error

Event Source: SceSrv

Event Category: None

Event ID: 1003

Date: 10/22/2007

Time: 3:05:55 PM

User: N/A

Computer: DCA

Description:

Notification of policy change from LSA/SAM has been retried and failed.

Error 4312 to save policy change for account S-1-5-21-x-x-x-x in the default

GPOs. For more debugging information, please look security\logs\scepol.log

under Windows root.

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Thanks in advance