

# Re: Local authentication errors on Windows 2003 Server

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*Source:*

<http://www.derkeiler.com/Newsgroups/microsoft.public.windows.server.security/2006-02/msg00128.html>

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- *From:* "Steven L Umbach" <n9rou@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Thu, 23 Feb 2006 20:00:50 -0600
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To start I would run the support tool netdiag on that server looking to see if there are any errors/warnings for dns, dc discovery, kerberos, or trust/secure channel [computer account integrity check] . --- Steve

"PCSL" <neil@xxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:1140688595.802221.281580@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Hi – or should I say HELP!!!

We have a problem with a domain server running Windows 2003.

For some inexplicable reason a significant range of authentication tasks are failing on the server. All other domain member computers appear to be authenticating ok.

The server is a domain server, and due to limited resources is also the Exchange server and Terminal server. For the past 18 months it has been operating ok, with only a few managable problems.

In the past few days the server has decided that a range of authentication operation are to fail, including the Administrator and all members of the various administrative groups.

Symptoms:

Many operations in Active Directory Users and Computers result in "Permission is denied" – I have have had to deligate all tasks to the administrator to do anything and still have some operations for which i get refused.

Can not access licensing information.

Can not edit or view group policy settings (through GPMC, Domain Security Policy, etc).

Logging onto the server is ok, although until it was rebooted we

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couldn't log on through Terminal Services.

It is impossible to access any shares served by the server from the server; including SYSVOL – this fails to authenticate or accept passwords. Have found that enabling the guest account permits access using the guest username and password.

The Exchange store stalls overnight with authentication related errors during sheduled maintenance (see below) and the service can not be restarted – we have to reboot the server to get it back.

The following events are frequetly logged (XXXXXXXXXX replaces identifying information):

Event Type: Error

Event Source: Userenv

Event Category: None

Event ID: 1058

Date: 23/02/2006

Time: 09:11:19

User: XXXXXXXXXXXX\Julie

Computer: XXXXXXXXXXXX-SERVER

Description:

Windows cannot access the file gpt.ini for GPO

CN={31B2F340-016D-11D2-945F-00C04FB984F9},CN=Policies,CN=System,DC=XXXXXXXXXX,DC=loc

The file must be present at the location

<\\XXXXXXXXXX.local\sysvol\XXXXXXXXXX.local\Policies\{31B2F340-016D-11D2-945F-00C04FB984F9}

(Access is denied. ). Group Policy processing aborted.

Event Type: Error

Event Source: MExchangeSA

Event Category: RFR Interface

Event ID: 9074

Date: 23/02/2006

Time: 09:08:08

User: N/A

Computer: XXXXXXXXXXXX-SERVER

Description:

The Directory Service Referral interface failed to service a client request. RFRI is returning the error code:[0x3f0].

Event Type: Error

Event Source: MExchangeAL

Event Category: Service Control

Event ID: 8063

Date: 23/02/2006

Time: 09:07:11

User: N/A

Computer: XXXXXXXXXXXX-SERVER

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Description:

Could not read the root entry on directory  
'XXXXXXXX-server.XXXXXXXX.net'. Cannot access configuration information.  
DC=XXXXXXXX,DC=local

Note regarding this last event: The server was originally configured as domain "XXXXXXXX.net" but was demoted and changed to "XXXXXXXX.local". The above event implies a problem harking back to the change from .net to .local but I have been unable to locate why this has suddenly happened after 18 months.

Event Type: Error

Event Source: MExchangeSA

Event Category: RFR Interface

Event ID: 9143

Date: 23/02/2006

Time: 09:01:42

User: N/A

Computer: XXXXXXXXXXX-SERVER

Description:

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.

Event Type: Error

Event Source: Userenv

Event Category: None

Event ID: 1006

Date: 21/02/2006

Time: 23:54:43

User: NT AUTHORITY\SYSTEM

Computer: XXXXXXXXXXX-SERVER

Description:

Windows cannot bind to XXXXXXXXXXX.local domain. (Local Error). Group Policy processing aborted.

For "emergency" use only there is Outlook 2003 installed – this fails to authenticate or accept passwords but Outlook works fine from other machines. However, Outlook Web Access works fine from the server...

Connection from any other machine is fine (so far!).

I suspect permissions on some object has changed, such as on the root of the system drive or elsewhere but have been unable to locate or apply an effective combination of ACLs.

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I've been through dozens of support documents relating to authentication and the events being seen, but to no avail...

Anyone got any suggestions???

TIA,

Neil