

Re: Cannot logon to the Domain

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-06/msg01648

- *From:* "Paul Bergson" <pbergson@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 22 Jun 2006 11:24:12 -0500
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Run diagnostics against your Active Directory domain.

If you don't have the tools installed, install them from your server install disk.

d:\support\tools\setup.exe

Run dcdiag and netdiag in verbose mode.

-> dcdiag /e /c /v /s:DC_Name /f:c:\dcdiag.log

-> netdiag.exe /v > c:\netdiag.log

If you download a gui script I wrote it should be simple to set and run. It also has the option to run individual tests without having to learn all the switch options. The details will be output in notepad text files that pop up automatically.

The script is located in the download section on my website at

<http://www.pbbergs.com>

Just select both dcdiag and netdiag make sure verbose is set. (Leave the default settings for dcdiag as set when selected)

When complete search for fail, error and warning messages.

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Paul Bergson MCT, MCSE, MCSA, Security+, CNE, CNA, CCA

<http://www.pbbergs.com>

Please no e-mails, any questions should be posted in the NewsGroup

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"Henri" <spam@xxxxxxx> wrote in message

news:OmSg3IhIGHA.3916@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Thanks,

We have two DCs say DC1 and DC2.

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- DC1 is the FSMO the GC is replicated to DC2 so both have the GC.
- DC1 and DC2 have DNS integrated installed DC1 is the primary DNS and DC2 is the secondary.
- Our DHCP server is configured to push DNSs IPs to all clients as follows were .26 is DC1 and .27 is DC2:

Default Gateway : 192.7.1.1
DNS Servers : 192.7.1.27
192.7.1.26

Still when DC1 is down users cannot logon to the domain and service that need periodical authentication to the domain cannot be authenticated. This causing a serious outage to our services.

Thanks for your help guys any additional hints will be appreciated.

Thanks in advance,

Henri.

"Paul Bergson" <pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:%23RGTbrflGHA.5044@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

When the DC is brought down clients need to authenticate to another DC, the way they find the DC's and its services is through DNS. Once the client has been provided a DNS server it requests services for a Global Catalog on an active DC. As you can see there are several redundancy needs in order to be able to keep things up and running.

- 1) There needs to be more than one dns server
- 2) There needs to be more than one GC
- 3) The clients need to point to more than one dns server

Jorge pointed this all out already but I wanted to go into a bit of detail for you to understand what the needs are for.

If you need help in tracking down if you meet all of this criteria re-post what specifically you are unsure of.

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"Henri" <spam@xxxxxxx> wrote in message
news:eQDr%23aWIGHA.836@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi,

Occasionally we need to service the FSMO PDC (Windows Updates). During the downtime (Usually a reboot) users cannot logon to the Domain although there is another DC with a replica of the GC.

I know that I can Transfer the Operation Master role to the other DC, but I am concern of the time it might take to do this and I do not know if I have to do it on all three Tabs (RID, PDC and Infrastructure). We have two domain on the same tree, a primary domain with a child domain.

Is there's a way so that users and services with domain account will be able to stay authenticated while the FSMO is down for maintenance, sometimes is it only the time of a reboot after applying Microsoft Update patches.

Thanks in advance for you help.

Henri.