

Not receiving Group Policies with errors Userenv 1054 and Userinit 1000

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Windows 2K Server SP4 as Domain Controller (only DC on the Network), Windows 2000 and Windows XP clients. Approx 60 Laptops and Desktops on our network. Only using GPOs for running a startup .bat file for mapped drives.

I have done the following :

- a) Nslookup tests successful.
- b) Checked Permissions on netlogon share – successful
- c) Stopped IPsec Service on Domain Controller.
- d) Taken machines off the domain and put them back on – this seems to sort it out for a bit but then problem returns.
- e) netdiag and dcdiag all ok apart from an unsuccessful SPN registration on the FQDN of the domain controller.

dcdiag /v result :

```
Starting test: MachineAccount
* SPN found :LDAP/bhdc.big-hand.co.uk/big-hand.co.uk
* SPN found :LDAP/bhdc.big-hand.co.uk
* SPN found :LDAP/BHDC
* SPN found :LDAP/bhdc.big-hand.co.uk/BIGHAND
* SPN found
:LDAP/24a91a51-7e64-4514-8a91-18eae7fbd615._msdcs.big-hand.co.uk
* SPN found
:E3514235-4B06-11D1-AB04-00C04FC2DCD2/24a91a51-7e64-4514-8a91-18eae7fbd615/big-hand.co.uk
* SPN found :HOST/bhdc.big-hand.co.uk/big-hand.co.uk
* SPN found :HOST/bhdc.big-hand.co.uk
* SPN found :HOST/BHDC
* SPN found :HOST/bhdc.big-hand.co.uk/BIGHAND
* SPN found :GC/bhdc.big-hand.co.uk/big-hand.co.uk
..... BHDC passed test MachineAccount
```

- f) Licensing Service telling me I am out of licences.
- g) No firewalls on client machines

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h) WINS and DNS look fine.

i) Occasionally, it looks as though our Exchange Server loses its connection to our DC as well. During this time, obviously, all Outlook clients go offline.

j) Users always get the drive that is specified in their AD profile but not mapped drives in very simple .bat files

h) Seems that all GPOs across all the OUs seem to fail at some point and not linked to any particular GPO or OU.

Does anyone think that installing a 2nd DC would alleviate problem?

(The current DC is also a File Server) If so, what would I expect to see in Performance Monitor if the server was "too busy" to handle login requests?

Should I replace the NIC?

Any help would be VERY appreciated!

Dave