

WINDOWS SERVER – COULD NOT START DHCP CLIENT SERVICES

Description:

One day you discover that **DHCP** client services on some of your server cannot be started. It gives you "*access is denied*" error message. The **DHCP** client services already use network service account to logon. You suspect that one of the recent windows patch that causes the issue.

Resolution:

The **Network Service** requires permissions to open the '**HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Dhcp\Parameters**' registry keys for the DHCP Client service to start. Some updates can remove the **Network Service** permissions to these registry keys.

Please check and re-add them if necessary.

- 1) Open Regedit.
- 2) Navigate to '**HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Dhcp**' and click on **Parameters**.
- 3) Click on Edit menu then go to **Permissions**.
- 4) In the '**Permissions for Parameters**' window, click on **Add**.
- 5) In the '**Select Users, Computers and Groups**' window, type in "**Network Service**" (*without the quotes*) and click '**Check Names**'. You may need to change the Location to "**System**".
- 6) Click **OK**.
- 7) In the '**Permissions for Parameters**' window, highlight the **Network Service** group and give it Full Control and Read permission by selecting the check boxes.

Finally click **OK**.

Try starting the **DHCP** client service again.