# C:\Users\stefano.maggi.CONBIPELSPA\Desktop\prom38.png

**Date**: 29/05/2012

**Procedure:** Windows Server - Could not start DHCP Client Services

**Source:** [**LINK**](http://it-hint.blogspot.it/2009/05/could-not-start-dhcp-client-services.html)

**Permalink:** [**LINK**](http://heelpbook.altervista.org/2012/windows-server-could-not-start-dhcp-client-services/)

**Created by:** HeelpBook Staff

**Document Version:** 1.0

# **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.