

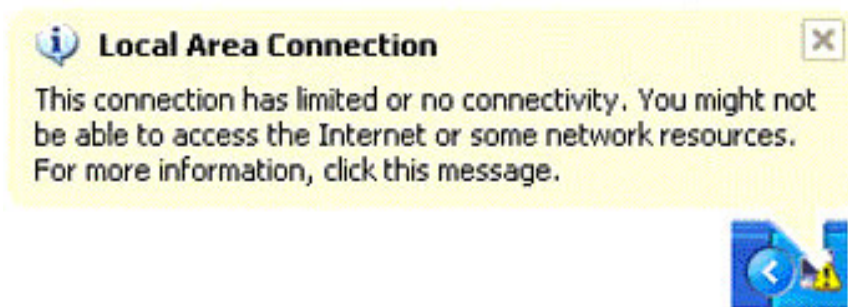
Troubleshoot 'Limited or No Connectivity' errors in Windows XP SP2

In this article, I will show you a very common error message in network connectivity and how to fix this error.

Network Administration - After installing Windows XP Service Pack 2, you may receive the following error message in System Tray.

" K?t n?i này có l? ho?c không ???c k?t n?i. B?n không th? truy c?p ??n Internet ho?c m?t s? nguyên m?ng ."

However, the solutions to this problem are very different, but most of the solutions found on the web are only at solving a very simple problem that is instructing the user to turn off the information. that newspaper. This solution may work well for systems that are displaying this error, but what happens if the system loses its internal network connection or the connection is not stable?



One positive answer is an error in Service Pack 2 of Windows XP that involves network disconnection for workstations that use Microsoft's L2TP virtual private networking (VPN) to connect to the machines. The host is connected to NAT networks. However, this error seems to appear in situations that are not related to VPNs.

If patching Windows XP still does not fix this problem, please read the list of cases below to resolve. You may have to reinstall the firewall, rebuild the router configuration, reduce the connection speed from 100Mbps to 10Mbps, or assign static IP addresses to the network computer to fix this problem.

What to do if you know the system has made this mistake?

If you have Windows XP Service Pack 2 installed and still see some of the symptoms below, this error will affect your system.

1. After installing Windows XP SP2, your network connection will report "Limited or No Connectivity" threads.
1. You have problems with your Internet or intranet after installing Windows XP Service Pack 2.
1. Your network connection is blocked while "Acquiring IP Address"

What must be done to solve this problem?

If you encounter this error, run the Microsoft patch patch (KB884020) for it. Follow the instructions below to do that. Alternatively, you can download a zip file containing patches, registry files and instructions here.

- 1) Download the patch from the Microsoft site
- 2) Run upgrade to Internet settings
- 3) Run this Registry error to complete the upgrade. Type the following lines in Notepad and save as a file called FixReg.reg on your workstation, then double-click to install into your registry.

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\IPSec]
"AssumeUDPEncapsulationContextOnSendRule" = dword: 00000002
```

- 4) Restart your computer

If you still see this error message again, please restart the computer first. In most cases, this will resolve connectivity issues that are not related to this SP2 error.

Working connection, can this message be disabled?

If your intranet is currently working fine and you want to disable this warning, follow the steps below:

- 1) Open **Control Panel**
- 2) Open **Network Connections** and right-click **Local Area Connection** then click **Properties**
- 3) Cancel the option below on the **General** tab

"Notify me when this connection has limited or no connectivity"

- 4) Click **OK** and close the **Network Connections** window

What happens when installing, this patch does not help? What are other causes for the problem?

If you still see this error message even when running the patch shown above, you may fall into one of the problems shown below:

- 1) Your Network or DSL router may fail or lose information. It is possible to rebuild the configuration for your router.

- 2) Check the cable to your Internet. Make sure you have the right type of cable connection.
- 3) Check your network card to make sure it is configured correctly and working properly. Many times setting the network card to 10Mbps / Full Duplex will solve this problem. To do that, open **Control Panel** , **System** , **Device Manager** . Go to the properties of the network card, click on the **Advanced** tab and navigate to the **Link Speed ??and Duplex section** . Change it from **Auto Detect** to **10Mbps / Full Duplex** .
- 4) Check and test your firewall. Your firewall, especially if firewall software like ZoneAlarm, Black Ice, Norton Firewall or some firewall software can block your connection. Please disable the firewall and test your connection. You may have to resolve the problem by uninstalling and reinstalling the firewall.
- 5) Check the correct IP address and workgroup settings in the computer. Assign IP addresses to computers on your network.
- 6) Reset the TCP / IP stack by downloading and running WinsockXPFix.exe a Visual Basic program designed to fix TCP / IP error issues, configuration file problems and a variety of connectivity issues other connector.

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