Things to Check to Fix Your Internet Connection After Malware Infection

Tools Reference: to be kept on your flash drive
Farbar Scanner, DNSFix, MicrosoftFixIt50199.msi, MicrosoftFixIt50267.msi,
Avira DNS Repair, Complete Internet Repair, LSPFix, Winsock Repair, ICRTool
You can download all of them here:
http://www.gegeek.com/documents/Downloads/Repairs/InternetRepairKit.zip

1> Run a cleaner
1> Run Farbar Scanner
2> Read resulting log file for issues at take appropriate action.
3> Run Regedit
4> Go to HKEY-LOCAL_MACHINE\SYSTEM\CURRENTCONTROLSET\SERVICES
These registry keys typical get infected by malware
You can copy these from a non-infected machine and import them here
TYPICALLY THESE REG KEYS ARE HIT: AFD, DHCP, TDX, NETBT,NDSWAN,
NDIS, TCPIP, TCPIPREG AND A FEW MORE.
5> It's a good idea to get copies of these from non-infected machines
for an emergency repair and save them by Windows version.
6> There are Some files you should save as well from a clean system or
refer to the article here on extracting files from Windows OS disks
7> This is all in preparation for what FarBar finds.
8> Make sure the follwoing services are running:
DHCP CLIENT, DNS CLIENT, NETWORK SERVICES, TCPIP NETBIOS HELPER
9> Next tool to use is called MiniToolBox
Select Reset DNS, Reset IE/FF Proxy (Fierfox settings), THEN HIT GO
10> Next tool to use is DNSFix - Avira DNS Repair
11> Next tool is to repair the TCP/IP Stack - MicrosoftFixIt50199.msi
12> Next thing is to reset the hosts file. - MicrosoftFixIt50267.msi
13> Here's a batch file you can create that does the same thing as 10-12

```
@echo on
pushd\windows\system32\drivers\etc
attrib -h -s -r hosts
echo 127.0.0.1 localhost>HOSTS
attrib +r +h +s hosts
popd
ipconfig/release
ipconfig/renew
ipconfig/flushdns
netsh winsock reset all
netsh int ip reset all
shutdown -r -t 1
```

14> And finally there's a tool called Complete internet repair which
covers all the above tools mentioned above and more. Check it out!
15> IE - Tools - Internet Options - Check home page
16> Goto Advanced Options and reset all options to default
17> Go to the security tab and check the Trusted and Restricted sites entries
18> Now check all your Add-Ons for IE under tools
19> Now Firefox - same things to check here. Add-Ons, Plugins, Extensiosn
In the address bar type in: about:config and PRESS ENTER
20> Type In: "keyword.url" just as it is here.
Check to see if it has been changed
21> Check all fo FF's security options under Options - Privacy, Security
22> Try your portable Firefox Broswer you always carry with you. ;)
23> Two more tools we can use is LSPFix and Winsock Repair
24> Another great tool is ICRTool