

When viewing the list of components for a network interface, you may notice that the Uninstall button is disabled when *Internet Protocol (TCP/IP)* is selected. In **Windows XP**, the **TCP/IP** stack is considered a core component of the operating system; therefore, it is not possible to uninstall **TCP/IP** in **Windows XP**.

In extreme cases, reinstalling the **Internet Protocol** stack may be the most appropriate solution. With the *NetShell* utility, you can now reset the *TCP/IP stack* back to a pristine state, to the same state as when the operating system was installed.

The *NetShell* utility (**netsh**) is a command-line scripting interface for the configuring and monitoring of **Windows XP** networking. This tool provides an interactive network shell interface to the user. In **Windows XP**, a reset command is available in the IP context of the **NetShell** utility.

When this command is executed, it rewrites pertinent registry keys that are used by the Internet Protocol (TCP/IP) stack to achieve the same result as the removal and the reinstallation of the protocol.

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters'
```

and

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\DHCP\Parameters'
```

Command Usage

```
netsh int ip reset [ log_file_name]
```

To successfully execute the command, you must specify a log file name where actions taken by netsh will be recorded.

For example, typing either of the examples that are listed in the "**Command Samples**" section later in this article at a command prompt would reset the **TCP/IP stack** on a system and record the actions that were taken in the log file, *Resetlog.txt*.

The first sample creates the log file in the current directory, while the second sample demonstrates the use of a path where the log will be created.

In either case, where the specified log file already exists, the new log will be appended to the end of the existing file.

Command Samples

```
netsh int ip reset resetlog.txt
```