Memory Leak with Multithreaded Winsock Programs

Last reviewed: September 25, 1998
Article ID: Q141211

The information in this article applies to:

- Microsoft Windows 95

SYMPTOMS

When you run a 32-bit Windows Sockets program that opens and closes multiple threads in Windows 95, memory is gradually consumed.

Observable symptoms of this "memory leak" may include a swap file growing very large while the program is running, page faults as Windows 95 tries to keep up with the growing swap file, and an eventual system halt when all memory is consumed.

CAUSE

There is a memory leak in the ThreadDetach() function in the version of the Wsock32.dll file included with Windows 95.

RESOLUTION

This issue is resolved by the following updated file(s) for Windows 95, and later versions of these file(s):

```
WSOCK32.DLL  version 4.00.951  dated 10/12/95  66,560 bytes
```

The updated version of this file is included in the Windows Sockets 2.0 update for Windows 95. For information on obtaining this update, see the following article in the Microsoft Knowledge Base:

```
ARTICLE-ID: Q182108
TITLE     : Availability of Windows Sockets 2.0 for Windows 95
```

PENGAD-Bayonne, N. J.
GOVERNMENT EXHIBIT
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STATUS

Microsoft has confirmed this to be a problem in Microsoft Windows 95. An update to address this problem is now available, but is not fully regression tested and should be applied only to systems experiencing this specific problem. Unless you are severely impacted by this specific problem, Microsoft does not recommend implementing this

update at this time. Contact Microsoft Technical Support for additional information about the availability of this update.

This issue is resolved in Microsoft Windows 98.

MORE INFORMATION

For additional information about issues resolved by updates to this component, please see the following articles in the Microsoft Knowledge Base:

```
ARTICLE-ID: Q170619
TITLE     : Windows 95 ServiceProvider Priority Values Not Applied

ARTICLE-ID: Q169035
TITLE     : Windows 95 WinSock Update to Improve Multihoming Support

ARTICLE-ID: Q163329
TITLE     : Fatal Exception 0E in WSIPX Using Windows Sockets Program

ARTICLE-ID: Q157944
TITLE     : Domain Name Service in DUN Connection Does Not Work

ARTICLE-ID: Q157930
TITLE     : Multiple DNS Server Addresses Not Assigned Properly
            with DHCP
```

For additional information about Windows 95 updates, please see the following article in the Microsoft Knowledge Base:

```
ARTICLE-ID: Q161020
TITLE     : Implementing Windows 95 Updates
```

Did this information help answer your question?

Yes No Didn't apply

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Additional query words: 95 crash
Keywords : win95 winmem kbNetGrp kbSDKPlatform kbAPI kbWinsock kbnetwork kbfixlist
Version : 95
Platform : WINDOWS
Issue type : kbprb

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