

RE: Custom Services Failing on Restart when 70+ are running

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2007-05/msg00672.html>

- *From:* concept <concept@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 12 May 2007 18:04:00 -0700
-

It may be the heapsize now that I look deeper. The question now remains which one of the 3 registry values in that article i linked should be changed?

C:\kktools\dheapmon8.1\x86>dheapmon.exe -s
Desktop Heap Information Monitor Tool (Version 8.1.2925.0)
Copyright (c) Microsoft Corporation. All rights reserved.

Session ID: 0 Total Desktop: (8896 KB - 9 desktops)

WinStation\Desktop Heap Size(KB) Used Rate(%)

WinSta0\Screen-saver 3072 0.1
WinSta0\Default 3072 2.1
WinSta0\Disconnect 64 4.0
WinSta0\Winlogon 128 6.5
Service-0x0-3e7\$\Default 512 90.6
Service-0x0-3e4\$\Default 512 1.1
Service-0x0-3e5\$\Default 512 0.4
SAWinSta\SADesktop 512 0.4
__X78B95_89_IW__A8D9S1_42_ID 512 0.4

"concept" wrote:

Hello,

Im currently having a problem with having 70+ services running. Briefly, I used firedaemon to make a basic .exe a service. Everything is fine while the machine is running, services run perfect I can add more and what not. However depending on the machine, somewhere between 70-100 services going, once the machine restarts 2-4 of the services fail to start. These refuse to start until i stop every single firedaemon service, and then start all of them. After this happens all is well.

RE: Custom Services Failing on Restart when 70+ are running

At first i thought it was related to the desktop

heapsize(<http://support.microsoft.com/default.aspx?scid=http://support.microsoft.com:80/support/kb/articles/q>
)

But now I am not so sure. Here is a more detailed rundown any help would be great.

Ive been having this issue on a box im messing around with. I run custom services that launch an exe file. Everything runs fine while the server is running. But on reboot random custom services fail. Terminal services also fails to start.

The number of services that need launched on restart seems to be random each time. Sometimes services start to fail, at around 70+ being setup. Other times you don't see it failing until 100+ services needs started on reboot.

The server load with all services running is 2–5% and physical memory is about 200 megs of 1gig, paged, is about 300–400 megs used.

It is normally 3–4 custom services that fail on reboot. The ones that fail have the following error in event viewer.

Event Type: Error

Event Source: Aprog

Event Category: None

Event ID: 116

Date: 5/10/2007

Time: 7:08:40 PM

User: N/A

Computer: XXXXXXXXXX

Description:

Subprocess monitoring failed due to subprocess is no longer active. The subprocess is probably dead. Restarting the process. Error detail: Overlapped I/O operation is in progress.

It will keep getting this error over and over again. However, if i stop all custom services and then start them, everything launches fine.

When this happens on reboot Terminal services also fails to start. It will not start, until I stop all the custom services. At which point it allows me to start TS without any errors.

Event Type: Error

Event Source: Service Control Manager

Event Category: None

Event ID: 7023

Date: 5/10/2007

Time: 7:02:10 AM

User: N/A

RE: Custom Services Failing on Restart when 70+ are running

Computer: XXXXXXXX

Description:

The Terminal Services service terminated with the following error:
A dynamic link library (DLL) initialization routine failed.

For more information, see Help and Support Center at
<http://go.microsoft.com/fwlink/events.asp>.

What I am trying to accomplish is a way to automatically launch these EXE files, and have something that restarts them if they crash or fail. I haven't been able to find a specific reason this is happening or how to fix it. So I am open to any other suggestions on how to do this.