

Re: ntoskrnl.exe problem HELP

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2006-10/msg03486.htm

- *From:* Penny <Penny@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 23 Oct 2006 18:40:02 -0700
-

So how does one go about editing the registry remotely when the broken system isn't visible on the network (since it can't boot up completely).

As far as mounting to another NT machine, are you talking about taking the hard drive out of the broken machine and slaving it to another machine?

What tools would be needed for the boot CD? I've been using the Windows XP CD, but that only gets me to the recovery console, which thusfar hasn't done me any good, but if I can expand to the right thing from the CD, that sounds logical.

This would be a beneficial thing to know. Until today I was always able to boot machines with stop errors into safe mode to turn off the auto reboot on stop error, but now that I have experienced not being able to even get into safe mode, it's nearly impossible to see what the stop error is, and without knowing that, it's kind of hard to determine the appropriate action to take next.

"John John" wrote:

Hi,

Unfortunately that wont work, for two reasons:

1- Reg.exe is not available from the Recovery Console. I know of no way to modify the registry from the Recovery Console.

2- On a "sleeping" Windows installation there is no [HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\ key. The key is created from one of the HKEY_LOCAL_MACHINE\SYSTEM\ControlSet00n keys when the computer boots up, it's a "pseudo" key. During the boot process the boot loader checks the HKEY_LOCAL_MACHINE\SYSTEM\Select key to see which ControlSet to load, then copies the selected ControlSet to the CurrentControlSet key.

Re: ntoskrnl.exe problem HELP

To change the AutoReboot behaviour the registry has to be edited remotely (from a network machine or mounted in another Windows NT type machine) or from a boot cd with appropriate tools on board. To determine which ControlSet00n key to edit you have to get the information from the Select key.

hth,

John

NewScience wrote:

Hope this is available under Recovery Console:

1. Startup Recovery Console
2. Enter reg.exe (see if it's there)

If it's there, on another machine, create a AutoStop.reg file (call it anything you want – but it must end with .reg)

Using Notepad, type this in:

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\CrashControl]
"AutoReboot"=dword:00000000
```

Save it on a floppy.

Bring broken machine up again under recovery console. Enter:

```
reg.exe import A:\AutoStop.reg
```

It should reply successful. This will stop AutoReboot on STOP errors.

If you cannot find reg.exe under Recovery console, copy it on the floppy you are putting the .reg file on. It's only 50,174 bytes. Both can fit. Then use everything from A: on the broken system.

Let me know if it worked. If it does, you can fix anything wrong in the registry using the reg.exe program and possibly fix anything else wrong with your PC.

"Penny" <Penny@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:BA91CDEA-EEB8-4004-BA35-04B15284B93D@xxxxxxxxxxxxxxxxxxxx

Thanks for the quick response.

I initially tried getting the ntoskrnl.exe from another machine, but

Re: ntoskrnl.exe problem HELP

unfortunately the file is too big for a floppy, and since I can't boot into any mode of windows the machine won't be able to see my thumb drive. So when the things I tried didn't work that's when I came to the forums.

At this point I can sort of get past the problem, but still can't successfully get the system to boot enough for me to turn off the auto reboot on STOP error so I can see what else is going on. Do you know of a way I can do that other than the control panel?

"NewScience" wrote:

If you have had a full updated XP SP2 (with all patches) on this system, then the ntoskrnl.ex_ (which you expanded to ntoskrnl.exe and placed in C:\Windows\System32 AND C:\Windows\System32\DllCache folders) may not be the version the rest of XP is looking for.

If I'm not mistaken ntoskrnl.exe was modified with some updates. You need to get a current ntoskrnl.exe (maybe from another system)

"Penny"

<Penny@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:C23B144F-1E22-44B8-BCB7-D818AA9B3586@xxxxxxxxxxxxxxxxxxxx

I found other postings on this issue, but since they were from over a year ago thought if I were to reply to the thread that it might go

Re: ntoskrnl.exe problem HELP

unanswered.

Windows XP won't start because it says that the ntoskrnl.exe is either corrupt or missing. I found the knowledge base articles regarding using the recovery console and copying ntoskrnl.ex_ from the CD to the windows\system32 directory.

That got me past that issue (sort of) I tried every variation of startup options "normal" "Safe Mode" etc... and I can tell I'm getting a STOP error, but since I can't successfully get into windows I can't turn off the "Automatically restart on stop error" in the control panel.

Does anyone know of a way I can accomplish this so I at least know what stop error I'm dealing with? Thus far the only thing I can do is get to the recovery console.

I don't have a history on this particular machine, but most of our machines are XP Pro w/ SP2. This machine is a PIII.

Re: ntoskrnl.exe problem HELP