

Re: Why is my server stuck in a consistency check loop?

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.general/2005-10/msg00385.html>

- *From:* "Dave Patrick" <DSPatrick@xxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 14 Oct 2005 09:47:01 -0600
-

Download and run a diagnostic utility from the drive manufacturer's web site.

After backup you can also run;

```
chkdsk /r
```

from the recovery console command line. (/r implies /f)

To start the Recovery Console, start the computer from the Windows 2000 Setup CD or the Windows 2000 Setup floppy disks. If you do not have Setup floppy disks and your computer cannot start from the Windows 2000 Setup CD, use another Windows 2000-based computer to create the Setup floppy disks. At the "Welcome to Setup" screen. Press F10 or R to repair a Windows 2000 installation, and then press C to use the Recovery Console. The Recovery Console then prompts you for the administrator password. If you do not have the correct password, Recovery Console does not allow access to the computer. If an incorrect password is entered three times, the Recovery Console quits and restarts the computer. Note If the registry is corrupted or missing or no valid installations are found, the Recovery Console starts in the root of the startup volume without requiring a password. You cannot access any folders, but you can carry out commands such as chkdsk, fixboot, and fixmbr for limited disk repairs. Once the password has been validated, you have full access to the Recovery Console, but limited access to the hard disk. You can only access the following folders on your computer: drive root, %systemroot% or %windir%

What are you wanting to do with the Windows NT setup disk?

You didn't mention the drive controller (possibly SCSI, or ultra DMA, or ATA100, or raid, or serial ATA), but you may need to boot the Windows NT setup disks or CD-Rom and *F6* very early and very important (at setup is inspecting your system) in the setup to prevent drive controller detection, and select S to specify additional drivers. Then later you'll be prompted to insert the manufacturer supplied Windows NT driver for your drive's controller in drive "A"

If you wait and then S to specify additional drivers, then it may be too late as Windows NT Setup at this point may have already assigned the

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resources your drive's controller is wanting to use.

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Regards,

Dave PatrickPlease no email replies – reply in newsgroup.

Microsoft Certified Professional

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<http://www.microsoft.com/protect>

"ActvGrfx" wrote:

| I was trying to set up some networking stuff, and got a particular
| error. I looked up that error, and found that I might need an update to
SQL

| Server. I tried to download that update, but had to get the 2000 Server
SP4

| before it would work. After installing the service pack, I restarted to
| finish installation.

|

| At this point, I got the consistency check problem. The biggest problem
was

| that after the consistency check was done, it was in a loop of trying to
| startup Windows, but having to check the consistency. If I stopped the
| consistency check, I got a blue screen of death, telling me to uninstall
any

| new software, run chkdsk /f, and to start in safe mode.

|

| I tried to start in all three different safe modes, in the last known good
| configuration, and another of the startup options. None of them worked.

Next

| I went into the BIOS, and tried to load the original Fail-Safe config.,
but

| that did not work either. I also did a scandisk from the BIOS setup
screen. I

| changed the BIOS to allow Boot from CD, and did so from my Norton AV. The
| virus check was negative.

|

| At one point in this process, the blue screen also said something about a
| bad driver.

|

| The next thing I tried, was to boot from an old NT CD. It was version 4 if
| that matters. It would not let me install because it could not locate a

Hard

| Disk. The guy who works on our MAC's thought it might be that the old NT
| could not communicate with an IDE Hard Disk. I was under the impression,
that

| the OS does not need to have any inherrent ability to communicate with a
| certain type of hard drive, but that the motherboard determines what type
of

| drive may be used.

|

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| So, it comes down to the final question. Is our hard drive corrupt? Is there
| some driver stored in Cache that is bad? Is there something wrong with our
| motherboard, or a cable in-between it and the hard disk? I am really in
| over
| my head on this one. Thanks for any help.
|
| James

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