

Re: blue screen–unmountable boot volume

Source:

http://www.tech–archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2007–02/msg02283.htm

- *From:* Ron Martell <ron.martell@xxxxxxxxx>
 - *Date:* Fri, 16 Feb 2007 14:08:12 –0800
-

"Leonard F Kiesling" <lenny323@xx> wrote:

using dell desktop 4600, xp home edition, 1 gig ram, 3.0gig pent processor, 80 gig hard drive. ati radeon x700 pro 256mb video card.

shut machine off normally last nite.

today, upon power on, receive black screen error message screen, with options for safe mode, 3 of them, last known configuration, & start windows normally. i tried the start normally, then last known configuration, and safe mode only. each time i received a blue screen. the error message says: Unmountable_Boot_Volume.

any ideas how i even start to fix this problem?

thank you, len kiesling

It is usually helpful if you can include the STOP code and all 4 of the parameters for these types of errors.

There are several possible causes for this type of error, including:

- damage to the disk data structure on the hard drive.
- physical damage or failure of the hard drive itself.

The damaged disk data structure is the most common and also the easiest to recover from, so try that first. All that is needed is to run CHKDSK /R on the drive. However getting the computer booted so you can run CHKDSK is the problem. There are several ways of doing this:

1. If you have an actual Windows XP installation CD (not a "System Recovery" disk provided by the computer manufacturer) you can boot the computer with this. Choose the Repair (Recovery Console) option and when the computer is finished booting and stops at the command prompt enter the following command:

```
CHKDSK C: /R
```

Re: blue screen–unmountable boot volume

2. Some computer manufacturers (Compaq is one) put a Startup Menu item to launch the Recovery Console that displays for a few seconds when the computer starts to boot up. Choose that and then proceed as per the above.
3. You can create a bootable CD on another Windows XP computer by using Bart's PE Builder (<http://www.nu2.nu/pebuilder/>) and use that CD to boot the problem computer. When it boots open a Command Prompt window and run the above command.
4. You can download a set of boot diskette images (for computers with 3.5 inch diskette drives) from <http://support.microsoft.com?kbid=310994> and use these to boot to the Recovery Console.