

microsoft.public.windowsxp.general: Re: Loaded SP2 now I'm in a boot loop...Things to try.

## Re: Loaded SP2 now I'm in a boot loop...Things to try.

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**From:** Ron Sommer (*rsommer\_at\_nospam.ktis.net*)

**Date:** 10/22/04

Date: Thu, 21 Oct 2004 22:23:31 -0500

I can't get 191232 mb + 191232 mb to equal 250 GB.

250 GB - 7% = 231 GB

Half of 231 GB = 115 GB = 115000 mb

What other devices do you have?

Zip?

DVD?

--

Ron Sommer

"Wild Flower" <WildFlower@discussions.microsoft.com> wrote in message  
news:29C485D1-16B8-4B46-97AA-46448C66BB87@microsoft.com...

> Okay.. here is what I am thinking.. my theoryâ€|

>

> When I first installed XP Pro.. I set up my 250 gb drive to be partitioned  
> by the set up (booted up by the Win XP sp2 disk â€" in my CD ROM)

> C: 191232 mb

> G: 191232 mb â€" note: it named the path with a G.. instead of D

> Un partitioned 8 mb

>

> I had the G partition highlighted when I hit enter.. I didnâ€™t read too  
> well.. and missed that it would load XP on the highlighted partition. It  
> formatted the C partition then it formatted the G partition.

>

> It installed great.. then read above at my first post in this thread..

> things went to crap.. and continuously rebooted.. I thought.. well I

> wanted

> XP to be on my C drive.. so I will reinstall XP and re partition again..

> and

> that should wipe it outâ€|

>

> Well .. this is what I did

> Again .. split the drive like before..

> C: 191232 mb

> D: 191232 mb â€" this time it named it D â€" PERFECT

>

> I made sure I had the C partition highlighted when I hit enter.. It only  
> formatted the C partition.. and not the D partition (this is where I think

> a

> problem is) . it installed and things I thought were fine.. until it didnâ€™t

> find my sound card.. had problems loading the install disk for the

> Creative

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## microsoft.public.windowsxp.general: Re: Loaded SP2 now I'm in a boot loop...Things to try.

```
> Audigy 2zs sound card.. had windows install the driver off of the creative
> disk.. then reboot loop kicked in shortly after thatâ€¦ Itâ€™s an approved
> driver.. so I am confused - whatever..
>
> After a few more attempts to reinstall like the second one.. it just
> crapped
> out.. and get the dead black screen .. and never boots..
>
> Here is my theory..
> Duh, Windows only cares about windows getting on my drive.. so why bother
> formatting the rest of the partitions that I set up.. so it never
> reformatted
> the 2 partition the second time. Since I had the black screen of dead
> space..
> I couldnâ€™t go into windows and use my hard drive cd-disk that came with it
> to
> reformat the D drive. .. AND I thought I â€œIf I could just get into DOS..
> then
> I can format myselfâ€ I researched and learned about the whole FAT32 vs
> NTFS
> thing.. â€œOhâ€
>
> This is what I am doing now.. I set up the partitions like this
> C: 191232 mb
> D: 50000mb â€“ it rounded it to the true mb value â€“ I didnâ€™t write that
> done..
> darn it
> E: 20000 mb - again rounded
> F: with whatever was left
>
> I had the E partition highlighted.. so It will Format the C partition, the
> D
> partition and then the F partition.. to be able to install XP. I am hoping
> that will wipe out the drive and erase the other installed XPs..
>
> So it is formatting right now.. as I type this. on My good â€˜ol Windows 98
> computer but, I need to upgrade.. I think.. LOL LOL I am not too impressed
> with XP
>
> Anyway.. now the set up formatted the first drives and is asking my how to
> partition the next drive and has given me another options.. NTFS OR FAT It
> only gave me the NTFS option before.
>
> I guess the good news is, that I bought 2 250 gb drives.. I put one in as
> a
> removeable drive.. with the case.. then I could back up my data onto
> another
> hard drive.. I havenâ€™t touched that driveâ€¦ so itâ€™s like new.. If I canâ€™t
> get
> this one working.. then I will swap the drives.. install XP as fresh and
> new.. then later.. after XP is working and everything is installed and
> fine..
> then I can wipe the extra drive.. BUT my fear is that installing the first
> time wasnâ€™t the problemâ€¦ the continuously rebooting trigger was the
> problem..
> and I havenâ€™t really been able to isolate and prove what is causing that
> .. I
> donâ€™t have a scanner hooked up.. so I donâ€™t know if UMAX is really being
> used.. if so, I didnâ€™t install it and the only disk that has the drivers
> on
> it, that has entered my CD-ROM is the Windows XP Disk.. I canâ€™t even
> figure
```

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```
> out what hard ware device is using it.. SO I will be in the same boat as
> beforeâ€|
>
> I would love any advice ..
>
> 1) on my theory of the formatting & wiping the data that was previously
> installed
> 2) Once I get a clean XP installedâ€| how can I prevent the rebooting
> continuously to stop..
>
> Thanks so much!!
> Darci
>
>
> "Wild Flower" wrote:
>
>> Thanks Ron,
>>
>> No. I am going to make sure it is wiped and start overâ€|
>>
>> Thanks,
>> Darciâ€|
>>
>> Unfortunately I think I will run into the same problem.
>>
>>
>> "Ron Sommer" wrote:
>>
>>> Are you deleting before reformatting?
>>> --
>>> Ron Sommer
>>>
>>> "Wild Flower" <Wild Flower@discussions.microsoft.com> wrote in message
>>> news:7D63D9C7-3400-4F25-BFF4-2FF60431E504@microsoft.com...
>>> Chad, Thank you for your postsâ€|
>>>
>>>> Please comment.
>>>>
>>>> I just put together my first computer with all top brand hardware
>>>> piecesâ€|
>>>> nothing OEM .. except the Windows XP with SP2 diskâ€|
>>>>
>>>> I installed everything okay.. installed all the drivers that came
>>>> with the
>>>> hardwareâ€| only one that said it wasnâ€™t MS approved.. was the View
>>>> sonic
>>>> LCD
>>>> monitorâ€| Also, I donâ€™t have any printers or scanners hooked up to the
>>>> computerâ€| just trying to get it running cleanâ€| (Note: I donâ€™t own an
>>>> Astra
>>>> scanner)
>>>>
>>>> I have creative Sound Blaster Audigy 2zs â€| but my sound wasnâ€™t
>>>> workingâ€|
>>>> so,
>>>> I went into device manager and selected the sound card.. updated the
>>>> driver
>>>> with the disk in the drive.. and it worked, I had soundâ€|. But
>>>> somewhere
>>>> after
>>>> that it started that reboot continuously thingâ€| long story short.. I
>>>> have
```

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```
>> > > wiped the drive and started over 5 times and found that article on
>> > > the
>> > > UMAX
>> > > driver and searched for it on my system and found the .dll
>> > >
>> > > I have been racking my brain to figure where I got it.. I scanned all
>> > > the
>> > > disks except for the Windows XP sp2 disk, and no luck where I am
>> > > getting
>> > > it then I checked on the WinXP disk sure enough it's on there!!
>> > > Why?? If
>> > > they don't support the driver why is it in their driver.cab????
>> > >
>> > > It has been consistent in failing after I have windows install that
>> > > one
>> > > driver I don't require Windows to install any other drivers.. just
>> > > that
>> > > sound card one.
>> > >
>> > > ALSO I thought this was weird.. the umax.ini file was created at
>> > > 2:55am..
>> > > I went to bed at 2:30am.. (trying to work on this) and I had left it
>> > > reformatting the drive and installing XP. When I woke I had the blue
>> > > screen
>> > > error message waiting for me to read it.. I ended up reformatting
>> > > again..
>> > > at about 9:30am so that umax.ini file should have been wiped I
>> > > don't
>> > > get
>> > > it. .. I did let Windows do the formatting.. and not fdisk which I
>> > > thought
>> > > would be the same.
>> > >
>> > > I am reformatting again and thinking .. maybe don't install all the
>> > > drivers OR maybe let windows do all of them.. OR update windows
>> > > as
>> > > soon
>> > > as possible.
>> > >
>> > > The service pack is embedded on the disk.. so I can't tell when it is
>> > > installed..
>> > >
>> > > I really want my system to run at the best optimum capability it has.
>> > > I
>> > > would think installing the drivers and utilities would do that.
>> > > ARGHHH!!
>> > >
>> > >
>> > > "Chad Harris" wrote:
>> > >
>> > >> Guy with late homework--
>> > >>
>> > >> See if a UMAX driver could be the problem via this KB:
>> > >>
>> > >> After you install Windows XP Service Pack 2, your computer restarts
>> > >> continuously
>> > >> http://support.microsoft.com/default.aspx?scid=kb;en-us;873161&Product=winxp
>> > >>
>> > >> Over-heating, and a bad stick of RAM have been known to cause
>> > >> this--so if
>> > >> software remedies don't do it, look to hardware, memory sticks in
>> > >> place,
```

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```
>> > >> cables, ect.
>> > >>
>> > >> *Often, booting to the Recovery Console and running chkdsk /r will
>> > >> help
>> > >> this
>> > >> problem.* I don't know if you have an XP CD, because lately so many
>> > >> people
>> > >> with boot problems have not had one supplied by their OEM, but if
>> > >> you do
>> > >> this would be my first choice to try to ditch the endless loop this
>> > >> way.
>> > >>
>> > >> Description of the Windows XP Recovery Console
>> > >> http://support.microsoft.com/default.aspx?scid=kb;en-us;314058
>> > >>
>> > >> Scroll down for instructions on running chkdsk /r.
>> > >>
>> > >> Using the Recovery Console
>> > >> http://www.microsoft.com/resources/documentation/Windows/XP/all/reskit/en-us/Default.asp?
>> > >>
>> > >> RC Overview
>> > >> http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/recovery\_c
>> > >>
>> > >> Recovery Console in XP
>> > >> http://www.kellys-korner-xp.com/win\_xp\_rec.htm
>> > >>
>> > >> I didn't know if you could break the loop to F8 as Will says. In
>> > >> my
>> > >> experience, Last Known Good Configuration almost never works
>> > >> statistically,
>> > >> but if it does and this is gone, more power to you. Keep in mind
>> > >> that
>> > >> it's
>> > >> a snapshot of your configuration immediately after you booted, so if
>> > >> you
>> > >> have been booted up for a long time then you're not going to track
>> > >> settings
>> > >> changes since that time.
>> > >>
>> > >> I'd first try to F8 to the Windows Advanced Options menu and use
>> > >> Safe
>> > >> Mode
>> > >> and then try System Restore from Safe Mode. You will probably be
>> > >> back at
>> > >> the version before you installed SP2. There is also this option for
>> > >> aborted
>> > >> SP2 installs or SP2 installs with the problem like the one you're
>> > >> having,
>> > >> but again System Restore may not solve your endless loop problem and
>> > >> Last
>> > >> Known Good may not. You may need to run a chkdsk /r or use some of
>> > >> the
>> > >> other tools I describe.
>> > >>
>> > >> Resources for troubleshooting startup problems in Windows XP (Info
>> > >> on F8
>> > >> and
>> > >> Advanced Options Menu)
>> > >> http://support.microsoft.com/default.aspx?kbid=308041
>> > >>
>> > >> How to use the Automatic Recovery feature to recover your computer
>> > >> if the
```

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```
>> > >> Windows XP Service Pack 2 Setup program is not completed
>> > >> successfully
>> > >> http://support.microsoft.com/default.aspx?kbid=875355&product=windowsxpsp2
>> > >>
>> > >> A description of the Safe Mode Boot options in Windows XP
>> > >> http://support.microsoft.com/default.aspx?kbid=315222
>> > >>
>> > >> If you were unable to use the Recovery Console because you had no XP
>> > >> CD,
>> > >> and
>> > >> haven't installed it already but could get back to Windows:
>> > >>
>> > >> If you can tap F8 to get back to Windows via either Safe Mode or
>> > >> as a
>> > >> last
>> > >> resort in my opinion, Last Known Good Configuration, then you're
>> > >> still
>> > >> faced
>> > >> with the possible "endless loop problem." That's why my first
>> > >> suggestion
>> > >> was to boot to the Recovery Console and run chkdsk /r from the
>> > >> recovery
>> > >> console.
>> > >>
>> > >> You would be possibly faced with the endless loop proble again or
>> > >> when
>> > >> you
>> > >> installed SP2 so I would run chkdsk /r from the command prompt or
>> > >> the run
>> > >> box.
>> > >>
>> > >> The reason for the endless loop is often that something has set the
>> > >> volume's
>> > >> "dirty bit." When a volume's dirty bit is set, autochk automatically
>> > >> checks
>> > >> the volume for errors the next time the computer is restarted.If a
>> > >> volume's
>> > >> dirty bit is set, this indicates that the file system may be in an
>> > >> inconsistent state. The dirty bit can be set because the volume is
>> > >> online
>> > >> and has outstanding changes, because changes were made to the volume
>> > >> and
>> > >> the
>> > >> computer shutdown before the changes were committed to disk, or
>> > >> because
>> > >> corruption was detected on the volume. If the dirty bit is set when
>> > >> the
>> > >> computer restarts, chkdsk runs to verify the consistency of the
>> > >> volume.
>> > >>
>> > >> See if you have any disk corrpuption by typing "fsutil dirty query
>> > >> [C]:
>> > >> Sub
>> > >> any drive you want for "C". If it says the volume isn't dirty, you
>> > >> don't
>> > >> need to run chkdsk because there aren't any errors on the disk. But
>> > >> I
>> > >> know
>> > >> you want to run it to see that it runs properly without this
>> > >> read-only
>> > >> error. The KB I'm going to list advises you to run "chkdsk
>> > >> volume_label:
```

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```
>> > >> /v
>> > >> /f" to fix this. This will fix any errors on the disk and the "v"
>> > >> causes
>> > >> it
>> > >> to name each fixed file. Hopefully that will resolve it.
>> > >> But if it doesn't then run "chkdsk_volume label: /r", and if that
>> > >> doesn't
>> > >> then run the chkdsk /r from the recovery console.
>> > >>
>> > >>
>> > >> If the disk is dirty, then System Restore is not going to fix that.
>> > >>
>> > >> Every time Windows XP starts, Autochk.exe is called by the Kernel to
>> > >> scan
>> > >> all volumes to check if the volume dirty bit is set. If the dirty
>> > >> bit is
>> > >> set, autochk performs an immediate chkdsk /f on that volume. Chkdsk
>> > >> /f
>> > >> verifies file system integrity and attempts to fix any problems with
>> > >> the
>> > >> volume.
>> > >>
>> > >> Here's what to do:
>> > >>
>> > >> Go to Start/Run/CMD and type in: fsutil dirty query c: (or whatever
>> > >> drive
>> > >> his XP is on). You'll get back either the drive "is dirty" or "it's
>> > >> not
>> > >> dirty."
>> > >>
>> > >> Info on a "Fsutil Query" in the KB below--also see the Explanation
>> > >> at
>> > >> Windows Help and Support--type "helpctr" into your run box:
>> > >>
>> > >> The Fsutil Query Tool:
>> > >> http://techrepublic.com.com/5138-6240-728908.html
>> > >>
>> > >> An Fsutil Query Does Not Work Properly on FAT or FAT32 Volumes
>> > >> http://support.microsoft.com/default.aspx?scid=kb;en-us;322275&Product=winxp
>> > >>
>> > >> You have 4 choices that may work:
>> > >>
>> > >> 1) You can run chkdsk /r from the Recovery Console. I think this is
>> > >> the
>> > >> fastest and most effective. I've seen it work for this several
>> > >> times.
>> > >>
>> > >> 2) You can run the chkntfs /d and reboot and chkdsk won't run on the
>> > >> next
>> > >> boot. What this does is to restore default settings. Note this is a
>> > >> different command than chkdsk. Chkntfs is a command that displays or
>> > >> specifies whether automatic checking is scheduled to run on a FAT,
>> > >> FAT32,
>> > >> or
>> > >> NTFS volume when the computer is started.
>> > >>
>> > >> 3) You should be able to fix this by using "chkntfs/X C" if C were
>> > >> the
>> > >> problem drive or whatever letter--this works when the drive is dirty
>> > >> and
>> > >> I
>> > >> showed you above how to verify this. The advantage of sticking the X
```

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```
>> > >> in
>> > >> the
>> > >> command is that it saves time by causing the command to skip
>> > >> checking
>> > >> cycles
>> > >> within the folder.
>> > >>
>> > >> 4) You can go to Kelly's XP Tweaks and click line 76 left column
>> > >> and see
>> > >> if
>> > >> this VB script will stop it.
>> > >>
>> > >> Kelly's Tweaks
>> > >> http://www.kellys-korner-xp.com/xp\_tweaks.htm
>> > >>
>> > >> Troubleshooting Windows XP
>> > >> http://www.kellys-korner-xp.com
>> > >>
>> > >> In addition, When there is improper shutdown, the Autochk program
>> > >> runs
>> > >> on
>> > >> all NTFS drives in XP, 2K, NT where a disk write was in process at
>> > >> the
>> > >> time
>> > >> of shutdown. This gets exacerbated if you have write caching enabled
>> > >> on a
>> > >> hard drive connected to a standard IDE controller. It improves
>> > >> performance,
>> > >> by delaying data writing while other work is done, but it ups the
>> > >> risk of
>> > >> lost data or corruption.
>> > >>
>> > >> http://www.microsoft.com/resources/documentation/Windows/XP/all/reskit/en-us/Default.asp?
>> > >>
>> > >> Open the run box with the Windows Key + "r" and type in
>> > >> diskmgmt.msc.
>> > >> From
>> > >> the graphical display in the bottom of the Disk Management window,
>> > >> right-click the disc icon and choose Properties. On the policies
>> > >> tab,
>> > >> clear
>> > >> Enable Write Caching on the Disk. (Note this option, ie. the
>> > >> policies
>> > >> tab,
>> > >> may not be available if your disk is connected to a High Performance
>> > >> ATA-66
>> > >> or ATA-100 IDE controller.)
>> > >>
>> > >> After you find the cause of the underlying problem if there is
>> > >> improper
>> > >> shutdown, re-enable write caching.
>> > >>
>> > >> Additional references for definitions context:
>> > >>
>> > >> Chkdsk.exe or Autochk.exe starts when you try to shut down or
>> > >> restart
>> > >> your
>> > >> computer
>> > >> http://support.microsoft.com/default.aspx?scid=kb;en-us;831426&Product=winxp
>> > >>
>> > >> An Fsutil Query Does Not Work Properly on FAT or FAT32 Volumes
>> > >> http://support.microsoft.com/default.aspx?scid=kb;en-us;322275&Product=winxp
```

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```
>> > >>
>> > >> hth,
>> > >>
>> > >> Chad Harris
>> > >> _____
>> > >>
>> > >> "Guy with late home work" <Guy with late home
>> > >> work@discussions.microsoft.com> wrote in message
>> > >> news:4E8FB6DE-03B8-45DE-B9D5-4E80AE7A723E@microsoft.com...
>> > >> While rebooting from loading SP2 I get the error message, "Autochk
>> > >> not
>> > >> found-skipping autocheck program", then it reboots and goes through
>> > >> the
>> > >> same
>> > >> routine indefinitely! HELP
>> > >>
>> > >>
>> > >>
>> >
>> >
```