

Re: New HDD Installation

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2006-12/msg10999.html>

- *From:* John John <audetweld@xxxxxxxxxxxx>
 - *Date:* Fri, 29 Dec 2006 20:55:39 -0400
-

Right clicking on the partition or using the | Action > All Tasks menu at the top of the console should show the option, either greyed out (the partition is already active) or usable to make the partition active. That the option doesn't show up at all is unusual, maybe because the MBR is screwed the option is not showing. Do the fixboot and fixmbr things in the Recovery Console then see if things change.

There are other ways to mark the partition active, either with a Windows 98 startup disk (using fdisk) or using the DISKPART command while in Windows XP. Do the fixes in the Recovery Console first and then we will address the active issue if needed.

John

JohnH wrote:

I simply did not see the option at all. I went to my computer and right clicked and selected manage. I then selected disk management and highlighted the drive. The info I listed was from that and I also right clicked on it and that option was not there. Am I in the wrong place to check that?

"John John" wrote:

Do the fixboot and fixmbr commands in the Recovery Console. The warning that you get when you issue the fixmbr command is a standard warning message for that procedure. I can't guarantee anything, it is possible that fixing (re-writing) the MBR may make the disc inaccessible but that does not happen very often for standard MBR discs. It is a risk that you will have to take if you want to try to fix the problem, you still have your original disc as a backup, right? So if things go ka-boom! you have a backup to rely on. Incidentally I think that the reason that the disc doesn't want to boot is because it doesn't have a proper Master Boot Record, it wasn't done by the cloning operation. Run the commands and see what happens. At this point to attempt to repair the installation you have to accept the risk that things may not turn out as desired, but you have to take the risk and at least try.

If running the commands doesn't fix the problem then you can use the F10

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option to install Windows and do an In-Place Upgrade, or what is more commonly called a "Repair Install". There is a link to a Microsoft article explaining this procedure in an earlier post, basically you just reinstall Windows over itself. Also, I'm still somewhat not certain that your partition is marked or flagged as active. The results of our earlier test in the Disk Management console were not conclusive, was the option to do so there but simply unavailable (greyed out) or did you not see any option to do so at all? If it was there but just greyed out then the partition is probably active and ok.

John

JohnH wrote:

I noticed that when I hit the F10 key to bring up the option to go into the repair console I am also given the option of loading XP. Would loading this generate the boot sector I need? I entered the repair console and pressed F6 to load the Sato/150 PCI Card from a disk then I went into the console and was going to run fixmbr but it said that if I proceeded I would erase the mbr on it and it may make it unaccessable. Is this a normal warning given when this command is run? I did not proceed and exited to get your opinion. I do not mean to be so cautious but I have been frustrated with this for a week and do not wish to do any damage and ask for your patience with me. Thanks

"John John" wrote:

Run both commands.

John

JohnH wrote:

I did but there was no option to make it active/inactive. I want to try and run the Repair Console so do I need to run just fixboot or run both fixboot and fixmbr.

"John John" wrote:

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It's probably
already
active but
just to make
sure right
click on it
and see if it
can be made
active in the
context
menu.

John

JohnH
wrote:

I
went
into
disk
management
and
it
had
the
following
information
about
the
drive:
DRV2_VOL1
(C:),
Type=
Basic,
Status=
Online,
Partition
Style=
Master
Boot
Record(MBR).
I

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did
not
see
"
active"
but
it
stated
Healthy
System.

"John
John"
wrote:

Use
the
password
for
the
"Built-In"
Administrator
account,
not
your
account.
When
you
log
on
to
the
Recovery
Console
you
do
so
with
the
Built-In
Administrator
account.
More
often
than
not

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the
password
for
the
account
was
left
blank,
you
can
just
try
pressing
<Enter>.
If
you
have
administrative
privileges
you
can
change
the
password
for
the
Built-In
Administrator
account,
that
way
you
will
be
sure
that
you
have
the
right
password
when
you
try
to
access
the
Recovery
Console.

Also,

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while
your
installation
is
up
and
running
use
the
Disk
Management
tool
and
make
sure
that
you
have
a
properly
identified
System
Partition
and
that
it
is
marked
as
"Active".
If
it
is
so
identified
and
marked
and
still
won't
boot
then
do
both
commands
(fixmbr
&
fixboot)
as
Ron
suggested.

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John

JohnH
wrote:

I
am
set
as
the
administrator
but
my
password
does
not
work
with
the
Recovery
Console.
I
switched
to
classic
view
and
went
to
the
Admin
Tools
to
enable
this,
but
there
was
not
a
Local
Security
Policy
file
or

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folder
to
click
on
as
instructed
by
your
knowledge
base
article.
The
following
files
or
folders
are
available
for
selection:
1.
Component
Services
2.
Data
Sources
(ODBC)
3.
Event
Viewer
4.
Microsoft
.Net
Framework
1.1
Wizards
5.
Services
6.
Computer
Management
7.
Desktop.ini
8.
Microsoft
.Net
Framework
1.1
Configuration
9.
Performance

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I
was
able
to
boot
the
system
with
the
XP
cd
but
I
believe
that
a
boot
sector
must
be
missing
as
per
Ron's
advice.
Any
help
with
the
admin
password
should
get
me
access
to
fix
it.
Do
I
need
to
run
both
fixmbr
and
fixboot
or
just
fixboot

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alone?
"John
John"
wrote:

Do
as
Ron
suggested,
if
it
works
it's
the
easiest
way
to
get
your
installation
up
and
running
again.

Description
of
the
Windows
XP
Recovery
Console
<http://support.microsoft.com/kb/3140>

Note
that
you
may
have
to
press
the
F6
key
early

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in
the
setup
process
and
have
the
Maxtor
SATO/150
PCI
Card
drivers
on
a
diskette
so
that
the
setup
program
may
load
them
and
properly
identify
your
disc.
See
here
for
information
on
storage
controller
drivers
and
Windows
setup:
<http://support.microsoft.com/kb/3148>

Another
quick
check
you
can
try
is
to
see
if

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you
can
boot
the
computer
with
a
startup
floppy
diskette.
See
here
for
information
on
how
to
create
such
a
disk:
<http://www.nu2.nu/bootdisk/ntboot/>
Note
that
with
your
hard
disc
on
the
Maxtor
controller
you
will
probably
have
to
edit
the
rdisk
value
in
the
boot.ini
file,
you
can
use
the
MAP
ARC

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command
in
the
Recovery
Console
to
get
the
proper
ARC
path
and
rdisk
value
for
the
boot.ini
file.
See
here
for
more
information:
<http://www.microsoft.com/resources>

John

JohnH
wrote:

If
I
understand
you
correctly
you
want
me
to
try
and
do
a
fresh
install
of

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the
Windows
XP
w/SP2.
It
would
take
awhile
but
I
am
willing
to
start
fresh
if
it
gets
the
new
HDD
in
and
the
small
out.
I
just
have
a
few
questions
before
doing
this.

1.
The
Windows
XP
was
an
upgrade
from
the
Windows
Me
that
was
installed
in

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the
system
and
all
I
got
was
a
restore
disk.
Do
I
need
the
Windows
Me
disk?

2.
Can
just
booting
the
the
XP
upgrade
work
without
an
OS
in
place?

3.
Do
you
know
if
it
is
reccomended
to
disable
the
motherboard
IDE
or
just
leave
on
auto?

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"Anna"
wrote:

"John
<John
wrote
in
mess
new
I
boug
a
Wes
Digi
1600
Cavi
SE
EID
Driv
My
moth
is
olde
so
I
was
instr
to
add
a
Max
SAT
PCI
Card
so
the
full
capa
of

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the
HDD
wou
be
dete
I
conr
it
and
copi
the
old
drive
over
to
it.
Afte
com
I
was
instr
to
disce
the
old
and
put
the
new
in
it's
plac
Upo
resta
it
ask
for
a
boot
disk
to
be
insta
Whe
I
boug
the
syste
it
had
Win

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ME
on
it
and
I
do
not
have
a
softw
disk
but
I
was
give
a
resto
disk
I
later
upgr
to
Win
XP
w/
SP2.
Can
I
use
the
resto
disk
or
the
Win
XP
upgr
disk
as
the
boot
disc.
The
supp
from
Wes
Digi
state
that
it
may

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need
to
be
done
and
some
not,
so
I
am
conf
as
to
how
to
mak
this
as
quic
and
pain
as
posi
I
also
wou
like
to
know
if
disal
the
the
prim
IDE
off
the
motl
in
the
CMO
wou
help
too.

"Ron
Sommer"
wrote:

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The
new
disk
need
a
boot
secto
If
you
just
copi
the
parti
you
didn
get
the
boot
secto

You
can
run
fixm
and
fixb
--
Ron
Som

"Joh
<Joh
wrot
in
mess
new
I
used
the
HDD
Insta

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Tool
softw
to
copy
the
parti
from
the
old
drive
to
the
new
I
gues
that
wou
be
a
clon
The
trans
seen
unev
and
remo
of
the
old
drive
was
done
It
seen
to
be
askin
for
a
boot
disk
upon
rebo
once
the
old
drive
is
remo
Can
the

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Win
ME
resto
disk
be
used
Can
the
Win
XP
w/SL
upgr
be
used
Any
advi
wou
be
grea
appr

"Ric
Barr
wrot
John
you
may
have
a
setti
in
the
Bios
for
that
Max
Card
In
there
will
give
you
the
abili
to
selec
the
boot

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disk
How
did
you
copy
the
old
drive
to
the
new
Did
you
imag
it
or
clon
it?

"JohnH"
<JohnH@xxxxxxxx>
wrote
in
message
news:C70B85D8-83

How
is
this
done?
Once
it
is
connected
it
requests
a
boot
disk
at
start-up.
Thanks
for

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any
help
you
can
provide.

JohnH:
Maybe
it's
a
good
idea
to
start
from
the
beginning,
OK?

1.
Your
old
HDD
booted
without
incident
and
functioned
without
any
problems
when
it
was
installed,
right?
Its
only
problem
was
its
small
disk
capacity,
right?

2.
Now
you've

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purchased
a
large-capacity
WD
SATA
HDD
and
a
SATA
controller
card
for
connecting
that
SATA
HDD,
yes?
And
you've
installed
the
SATA
controller
card
with
no
problems,
right?

3.
Setting
aside
the
disk
copying
program
(Maxtor?
WD?)
you
used
to
copy
the
contents
of
your
old
PATA
HDD
to
the

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new
SATA
HDD...
How
about
making
a
fresh
install
of
the
XP
OS
onto
your
SATA
HDD?
Will
it
boot
&
function
without
any
problems
if
you
do
this?

Would
it
be
possible
for
you
to
do
this
and
then
install
your
programs
on
the
freshly-installed
XP
OS?
I
assume

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you
would
have
no
problem
copying
over
your
user-created
data
from
the
old
HDD
to
the
new
SATA
HDD,
right?
Or
is
it
too
impractical
to
fresh
install
all
your
programs
onto
your
new
SATA
HDD?
Anna