

Re: Disaster Recovery with NTBackup

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-05/msg03438.html>

- *From:* "Merv Porter [SBS-MVP]" <mwport@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 19 May 2006 16:20:17 -0400
-

Helen,

I think you should stick with what Jeff Middleton is telling you in his replies to your posts in the Yahoo SBS2K newsgroup. Windows Update may (can) cause problems if you invoke it before the restore. You just need:

Win2K3 (SBS 2003 CD1)

Win2K3 SP1 only (if not integrated into your SBS CD)

DSRM

Restore the backup using the document from the link I mentioned

This assumes that you are restoring to absolutely identical hardware (motherboard, controllers, NICs, hard drives, RAID array, boot partition size equal to greater than the original server).

—

Merv Porter [SBS MVP]

=====

"Helen Mooc" <hmooc@xxxxxxxxxxxxx> wrote in message
<news:O3ezgF3eGHA.3336@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Merv,

I am back to the same problem I had with the first restore attempt . The error "Windows could not start because the following file is missing or corrupt: <Windows root>\system32\ntsokrnl.exe. Please re-install a copy of he above file".

The step I took this time that is difference from the first and second are the following:

1. I booted into DRSM using the F8 key
2. From the NTbackup applet, during the stage where it ask How to restore I choose "replace existing file" than then leave existing files

Is it relevant that I boot into the DRSM to perform a restore? I am just at loss here. Should I try copy the boot.ini file that I got from the production server and see what happen?

The partitions are on the production and test server plus array configuration are carbon copy.

What I want to do right now is to see if I can edit the boot.ini. I

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booted into the Recovery Console mode. I can see the boot.ini but it won't let me do any of the command. I have try the following

c:\read boot.ini
c:\copy boot.ini a:
c:\copy boot.in a:\
none works.

Do you have any suggestions?

Thanks,
Helen

"Merv Porter [SBS-MVP]" <mwport@xxxxxxxxxxxxxxxxxxxx> wrote in message [news:uB1qT\\$1eGHA.4948@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uB1qT$1eGHA.4948@xxxxxxxxxxxxxxxxxxxxxxxx)

DSRM... I've seen a few debates about whether booting into DSRM is required or not on an SBS 2003 (i.e., single domain controller) restore. The last I heard was that DSRM was required for pre-SBS 2003 SP1 and not required for SBS 2003 SP1. However, even with pre-SP1, it does not hurt to boot into DSRM to do a "bare metal" recovery. The MS online literature on SBS restore has both included and excluded the DSRM requirement over the past couple of years. So, I would use DSRM on any SBS 2003 restore, just to keep out of trouble.

ACTIVATION REQUIRED... If you are restoring to different hardware (even for just a test server), the requirement for reactivation before authenticating to the server will kick in. Jeff Middleton published some info on this a while back:

Disaster test – Windows Product Activation problem

<http://groups.google.com/group/microsoft.public.windows.server.sbs/msg/fa071f2b172f036e?hl=en>

If you have Software Assurance (SA) on your SBS 2003, you are allowed to activate a second "cold server" (test server) so that you can examine it for recovery completeness. Without SA, you'd need to restore to identical hardware to bypass the activation. Note that as Jeff mentioned, this "activation requirement" is an inherited trait from Windows 2003 Server and is not SBS specific.

==
Merv Porter [SBS MVP]
=====

"Helen Mooc" <hmooc@xxxxxxxx> wrote in message
news:%23CpCIF1eGHA.3900@xxxxxxxxxxxxxxxxxxxxxxxx

Hey Merv,

Re: Disaster Recovery with NTBackup

So how come the link you provided me does not tell me to boot into Disaster Recovery Service Mode (F8) for the restore process? Hence the reason for my hick up yesterday when I was restoring the SBSbackup for the second time. After applying the restore and follow by the reboot, my test server looked blown up just if I was going to boot into Safe Mode on a PC. It prompted me to activate Windows but I was not able to anyway since there were no connectivity. Additionally if I don't activate, it wont let me do anything but boot me out of windows screen. When I try to select activate via telephone which I don't want to at this time, it wont' let me move onto any where. Now today is my 3rd trial. I am going to update the Windows SP 1 as well as booting into the DRSM environment to perform the restore. This hope this will work perfectly this time.

Helen

"Merv Porter [SBS-MVP]"
<mwport@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:e2HsQyteGHA.3900@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

As Jeff Middleton [SBS-MVP] responded to your post in the Yahoo SBS2K group, you only need to install the base Win2K3 server + Win2k3 Sp1, not other SPs for the apps (Exchange, ISA, Sharepoint, etc.). Then, restoring your backup should make you whole again on the test server. (Don't activate the test though).

==
Merv Porter [SBS MVP]
=====

"Helen Mooc" <hmooc@xxxxxxxxxxxx>
wrote in message
news:eG9oZhreGHA.4720@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

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Merv.

Here is what's happen with the SECOND try with restoring the NTbackup.bks I made from the SBS onto a test server which is exact model as the production server. I reinstalled Windows 2003 with CD1. The SBS was installed on C partition. D drive is for Exchange and E is for couple of the big folders which is irrelevant at this stage. I did not continue with the installed of Exchange as per the guide below.

According to the suggestions per link:

<http://www.microsoft.com/downloads/details.aspx?FamilyID=487736f8-f6f5>

I

updated the OS with the following to bring it up to the Service Pack as what's appearing on the production server. To bring it up to the same SP as production server, I followed this link from MS.

<http://download.microsoft.com/download/e/0/f/e0fee8ce-768d-41c0-8871-9>

To sum it up, it lets me install Windows 2003 SP 1, Windows SharePoint Services 2.0 Service Pack 1; but not Exchange Server 2003 Service Pack 1 (because it said I don't

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have Exchange 2003 install
on the server);
Windows XP SP2 for Client
Deployment but NOT
Windows Small Business
Server 2003 Service Pack 1
(I got this error when trying
to install it
"The /UattendFile switch
can only be used on a
domain controller
running Windows 2000
server SP 1, on a computer
that is a member of a
domain).

Should I move on with the
restore despite of the errors?
It is such
pain to exchange the
original CDs for the ones
with the SP on it. I
have try contacting the
vendor I purchased from but
I have not heard
back from them after
leaving voicemails on the
sale tech and his
manager phone.

Thanks.

Helen

"Helen Mooc"
<hmooc@xxxxxxxxxxxx>
wrote in message
news:uW0H8VgeGHA.1272@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Thank for
your help
Merv!!! I
really
appreciated.
OK I am

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going to
run a full
back up
tonight
using
SBSbackup
and try
again with
the
restore
tomorrow.
You might
hear from
me again
later this
week.

Cheers,
Helen

"Merv
Porter
[SBS-MVP]"
<mwport@xxxxxxxxxxxxxxxxxxxx>
wrote in
message
news:OKcv\$AgeGHA.1204@xxxxxxxxxxxxxxxxxxxx

And
please
use
the
SBS
Backup
Wizard
to
configure
your
backups
and
do
a
FULL
backup
of
your
entire
server
(via
Volume
Shadow

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Copy).
Yes,
it
may
seem
redundant
(maybe
even
wasteful)
because
it
backs
up
Exchange
twice.
but
just
let
SBS
have
it's
head
and
you'll
be
a
lot
happier.

==
Merv
Porter
[SBS
MVP]

=====
"Merv
Porter
[SBS-MVP]"
<mwport@xxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:%23eGUZ7feGHA.1456@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

All
you
should
need
to
do
is

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install
the
Windows
2003
OS
(SBS
2003
CD1)
and
then
make
sure
Win2K3
SP1
is
applied.
Of
course,
if
you
need
RAID
(or
any
other
special
drivers).
install
them
as
you
install
the
Windows
OS.
You
also
need
to
make
sure
that
your
partitions
are
the
same
size
as
on
your

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original
install.
Once
this
is
done.
all
your
other
apps
(Exchange.
Sharepoint.
Line
of
Business.
etc.)
along
with
their
upgraded
SP
levels
reside
on
the
backup
tape
(or
drive).
As
long
as
the
base
OS
and
SP
level
are
the
same
as
what's
on
the
backup
tape.
the
restored
apps
will

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re-integrate
with
the
Windows
OS.
Basically,
your
restore
will
not
attempt
to
restore
any
of
the
base
Win2K3
OS
since
it's
already
on
the
drive.
However,
it
will
restore
the
bits
(like
security
updates)
to
the
level
at
which
they
were
when
you
made
the
backup.

The
reason
you
need

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to
install
the
base
Win2K3
server
OS
is
that
it
has
NTBackup
integrated
into
it
and
you
need
NTbackup
to
restorem
your
backup.
And,
as
mentioned
before,
you
need
to
be
at
the
same
Win2K3
server
SP
level
as
when
the
backup
was
made
because
NTBackup
was
tweaked
(modified)
by
Microsoft

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with
the
release
of
SPL.

--
Merv
Porter
[SBS
MVP]

=====
"Helen
Mooc"
<hmooc@xxxxxxxxxxxx>
wrote
in
message
news:unmqCpfeGHA.5040@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Also
in
step
12
of
the
article.
it
mention
installing
all
the
SP.
Does
that
include
Exchange
SP
1
and
SP
2
eventhough
I
did
not
completed
the
installation
with
CD

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2
and
CD
3.

Thanks.
Helen

"Merv
Porter
[SBS-MVP]"
<mwport@xxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:O%23WeUefeGHA.5016@xxxxxxxxxx

Hi
Helen,

Yes,
you
need
to
reinstall
the
base
OS
(Windows
2003)
and
then
Windows
2003
SP1
if
Sp1
was
installed
when
the
backup
was
made.
Then
you
should
be
able
to
restore

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the
rest
from
backup.
Windows
2003
must
be
at
the
same
SP
level
as
when
the
NTbackup
was
created.

Not
sure
why
that
link
you
provided
is
out
of
date.
Try
this
one...

Backing
Up
and
Restoring
Windows
Small
Business
Server
2003
<http://www.microsoft.com/download>

--
Merv
Porter
[SBS
MVP]

"Helen
Mooc"
<hmooc@xxxxxxxxxxxx>
wrote
in
message
news:OJ\$u85eeGHA.2456@xxxxxxxx

Hi
all.

I
am
at
the
point
of
testing
out
a
disaster
recovery
scenario
right
now.
Note
my
test
server
is
exact
copy
of
the
production
copy.
therefore
I
don't
expect
any
hardware
conflicts.
I
made
a
normal
backup
of
the

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small
business
server
excluding
info
store
but
include
Storage
Group
(which
is
shown
in
the
.bkf
file).
After
following
the
link
below
to
the
"t".
I
got
to
the
step
18
and
rebooted
the
server.

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

Now
I
am
getting
this
stop
error
upon
reboot:

"Windows
could
not

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start
because
the
following
file
is
missing
or
corrupt:
<Windows
root>\system32\ntoskrnl.exe.

Please
re-install
a
copy
of
the
above
file"

I
have
try
rebooting
and
select
"the
last
known
good
option"
but
obviously
it
does
not
work
since
the
all
the
OS
files
have
changed
from
the
restore.

Could
it

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be
because
I
did
not
install
the
SBS
service
pack.
but
it
was
not
mentioned
in
the
link?
I
did
not
complete
the
entire
install
and
there's
a
lot
programs
such
an
antivirus
scan.
register
hacking
I
did
to
increase
info
store
size
etc
done
of
the
production
server.
Could
the

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omissions
of
some
of
the
steps
in
the
production
server
be
somewhat
of
the
cause
of
the
problem
in
question?

Any
assistance
is
appreciated.

Helen

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