

Re: Installing Adaptec 1420SA SATA RAID controller

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-10/msg02553.html>

- *From:* "Joel" <nowhere@xxxxxxxxxxx>
 - *Date:* Thu, 18 Oct 2007 11:36:34 -0500
-

The cost for SBS is only \$495.00. Anyway, you could request an evaluation version.

"Nick" <NoSpam@xxxxxxxxxxx> wrote in message
news:eRcJFwXEIHA.4308@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Joel,

Looks a little expensive for something that we will only use once but might have to resort to this is all else fails.

Nick

"Joel" <nowhere@xxxxxxxxxxx> wrote in message
news:ObY49ZOEIHA.5648@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Use www.storagecraft.com shadow protect. There 3.0 version is great and even does Hardware Independent Restore.

"Nick" <NoSpam@xxxxxxxxxxx> wrote in message
news:efbNHgOEIHA.748@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Aart,

I seem to recall looking into dynamic disks before and we decided that there were way too many drawbacks and too much risk to use them on a production server. Also I am very reluctant to install Acronis on this; it is a live Production server, again way too many people have reported serious problems after installing Acronis. I don't mind booting from an Acronis CD and mirroring using that but I don't think that would be

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likely to see the Adaptec array correctly would it?

I find it quite amazing that the Adaptec controller has no facility for creating an array from an existing disk. Both VIA and Promise RAID controllers that I have used previously have been able to do this so why can Adaptec not do it!

Any suggestions for a clean/simple/safe disk cloning/imaging utility?

Cheers,
Nick

"Aart Jansen" <aart@*remove*hayes.co.nz> wrote in message
[news:uZAU\\$M2DIHA.1208@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uZAU$M2DIHA.1208@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Presuming you can boot with both raid controllers active, you could create a mirror between the 2 volumes, then once it's synced, shutdown & remove the original disks, reboot and remove the mirror. The downside being you'll have to convert the volumes to dynamic disks. Otherwise you'll probably have to use a 3rd party disk cloning/imaging utility.

"Nick" <NoSpam@xxxxxxxxxxxx> wrote in message
news:%23QIgp81DIHA.5228@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

So having recreated RAID on a pair of fresh disks how do I copy the existing SBS and other partitions onto the RAID array.

"SBS Rocker"
<noreply@xxxxxxxxxxxx>
wrote in message
news:uWwTVa1DIHA.4836@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

you just
can't move
two drives
from a
RAID

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controller to
another,
plug it in
and expect
it to work.
The new
RAID
controller
knows
nothing
about the
array.
Sounds like
you need to
recreate the
RAID
container on
the new
controller.

"Nick"

<NoSpam@xxxxxxxxxxxx>

wrote in
message

news:%23oOanP0DIHA.1204@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Further
to
earlier
advise
here
and
elsewhere
we
decided
to
install
an
Adaptec
1420SA
SATA
RAID
controller
card
on
our
Server
as
an
alternative

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to
the
onboard
VIA
RAID
controller
we
have
been
using.

Problem
is
I
do
not
seem
to
be
able
to
create
the
Mirror
Array
using
an
existing
disk!
I
did
think
about
doing
this
and
then
using
Acronis
(boot
from
CD)
to
mirror
the
existing
drive
onto
the
new
array

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but
I
don't
know
if
Acronis
would
see
the
new
mirrored
array
correctly?
Also
would
that
not
overwrite
the
boot
sector
preventing
the
Adaptec
controller
from
detecting
that
the
new
drive
is
part
of
a
disk
array?

Anyone
suggest
how
to
do
this?

Nick

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