

Re: RAID 1 drives and mirroring of data for backup question

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-01/2294.html>

From: Frank McCallister SBS MVP (*anonymous*)

Date: 01/09/05

Date: Sat, 8 Jan 2005 22:40:23 -0600

SG you are exactly correct. I reread the message and his RAID isn't configured! My Apologies!

--

Frank McCallister SBS MVP

COMPUMAC

"SuperGumby [SBS MVP]" <not@your.nellie> wrote in message
news:Og\$354b9EHA.2012@TK2MSFTNGP15.phx.gbl...

> These instructions are OK for creating a 2nd partition but my read on the
> OP was that the 2nd partition existed, it just had nothing on it.

>

> I STRONGLY recommend the OP call Dell who will identify, over the phone,
> whether the system is capable of hardware RAID and assist in the creation
> of the array. If the system is not capable of hardware RAID, hang up.

>

> "Frank McCallister SBS MVP" <anonymous> wrote in message
> news:%23cOZZ2Y9EHA.664@TK2MSFTNGP10.phx.gbl...

>> Hi Nick

>>

>> Your RAID is setup properly - Your Install Isn't. Dell does this (other
>> OEMs also) poorly. Go into Computer Management and Under Storage, Disk
>> Management Format the unused partition. If you want it D you will need to
>> change your CD letter first. Then see
>> <http://msmvps.com/bradley/archive/2004/09/26/14417.aspx> for moving data.
>> I disagree with Bryant on having Dell do this. The Technician Dell sends
>> most likely knows the Hardware and basic Windows. You don't want him
>> messing with Server!!!!

>>

>> --

>> Frank McCallister SBS MVP

>> COMPUMAC

>> "Nick Dee" <caprice24 at yahoo dot com> wrote in message

>> news:R8WdnW4P29cFCELcRVn-3w@comcast.com...

>>>I have a question about RAID 1 drives.

>>>

>>> I recently ordered a Dell server that had the following configuration
>>> recommendation:

>>> Dell recommends at least a RAID 1 configuration for all servers in order
>>> to protect your business data. RAID 1 requires 2 hard drives and
>>> "mirrors" your data, so that in the event of a crash the 2nd hard drive
>>> automatically takes the place of the original hard drive without any
>>> loss of performance, data or time.

>>>

microsoft.public.windows.server.sbs: Re: RAID 1 drives and mirroring of data for backup question

>>> After I ordered and received the above mentioned Dell system, I looked
>>> at it under My Computer to see how it was configured. There are two 80
>>> GB drives, but I am puzzled about the way the first drive is
>>> partitioned. On the the primary drive, there are two partitions, one
>>> partition of 12 GB which has the sbs system on it, and then an extended
>>> NTFS partition with nothing on it. The secondary drive is configured as
>>> one gigantic 80 GB partition.
>>>
>>> Now I am worried because in my setup of the sbs, all the user shared
>>> folders and exchange mailboxes were by default installed in the system
>>> partition, with its puny 12 GB of capacity. Already, I'm pushing 6.5 GB
>>> with the present data, and quite soon I'm going to fill up the primary
>>> partition.
>>>
>>> Shouldn't the user shared folders and exchange mailboxes be put onto the
>>> extended partition?
>>>
>>> Also, I don't see how mirroring of data from one drive to another is
>>> being accomplished. Is there some software component that is missing
>>> that needs to be installed in sbs to get it going? It is obviously not
>>> happening right now.
>>>
>>> And what about the fact that the two drives are not the same size
>>> anymore, due to the primary drive having two partitions of 12 GB and 68
>>> GB? Don't both drives, if they are mirroring each other have to have
>>> the same partition size?
>>>
>>> Since I am a novice at this, I would appreciate some insight about how
>>> to accomplish data mirroring. Ideally, I would like the second hard
>>> drive to mirror the data as Dell quotes in their online literature to
>>> keep the system online in the event of a hard drive failure, or at least
>>> in a state where data recovery is possible.
>>>
>>> It's all very confusing.
>>>
>>> Nick Dee
>>>
>>
>>
>
>