

## Re: Raid 0 (Mirroring) – Help?

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-08/msg03005.html>

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- *From:* Todd H <Todd.H@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Wed, 10 Aug 2005 11:45:25 -0700
- 

That is what everything I found said about the controller... as a matter of fact most everything recommends a completely separate controller. I have had this work at some of my customers sites with no problem, but I have two that it just will not work at no matter what I do. (yes I even tried to mirror the "D" drive)

I guess I will try to find a hardware IDE raid. That said will there be anything I should look for when I install it other than disabling the onboard controller in the server?

-Todd

"Buddy Greenshield" wrote:

- > I would have to disagree with Allen.
- > When Mirroring IDE drives, you should always have each drive as master on
- > it's own IDE channel. If a drive were to fail and possibly hang the ide
- > channel, the entire array would go down. The whole idea surrounding
- > mirroring drives is redundancy. You need separate ide channels.
- >
- > As to why it's failing?? I stay far away from software RAID and also from
- > dynamic volumes. It highly complicates disaster recovery. That said, I
- > don't think you can mirror a system partition. Try mirroring the D:
- > partition and see what happens.
- >
- > If you really want mirroring (a good thing), then look into a hardware RAID
- > controller.
- >
- > Buddy G
- >
- > "Todd H" <ToddH@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
- > [news:CD09379E-42DF-45AA-AABA-70F3110061EB@xxxxxxxxxxxxxxxxxxxx](mailto:news:CD09379E-42DF-45AA-AABA-70F3110061EB@xxxxxxxxxxxxxxxxxxxx)
- >> That sounds good to me. I will give it a shot one night this week when I
- > can
- >> take the server down again and move the drives.
- >>
- >> Thanks for the help! :-)

Re: Raid 0 (Mirroring) – Help?

>>  
>>  
>> "AllenM" wrote:  
>>  
>>> Well your system cannot support "duplexing" so in order for you to do  
>>> mirroring then yes they do need to be on the same channel.  
>>>  
>>> "Todd H" <ToddH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
>>> [news:F56FC4DB-2D16-4740-A11B-D50DE4390980@xxxxxxxxxxxxxxxxxxxx](mailto:news:F56FC4DB-2D16-4740-A11B-D50DE4390980@xxxxxxxxxxxxxxxxxxxx)  
>>>> ok... raid 1 it is :- ) that is why i wrote (Mirroring) old age is  
>>>> getting  
>>>> to me.  
>>>>  
>>>> I am using the same controller just the two different channels.  
> (Primary  
>>>> and  
>>>> Secondary) Should I setup the mirror as a slave drive and put it on  
> the  
>>>> same  
>>>> cable as the drive that I want mirrored? Won't that slow it down even  
>>>> more?  
>>>>  
>>>> -T  
>>>>  
>>>> "AllenM" wrote:  
>>>>  
>>>>> RAID 0 is not mirroring. RAID 0 is striping without fault tolerance  
> or  
>>>>> redundancy. Move the drive to the same controller. Using two drives on  
>>>>> their  
>>>>> own controllers is referred to "Duplexing". Using two drives on the  
> same  
>>>>> controller is "Mirroring".  
>>>>>  
>>>>> "Todd H" <ToddH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
>>>>> [news:86C1BB57-B962-4EED-9224-010596256A9D@xxxxxxxxxxxxxxxxxxxx](mailto:news:86C1BB57-B962-4EED-9224-010596256A9D@xxxxxxxxxxxxxxxxxxxx)  
>>>>>> I am trying to setup raid 0 on my sbs 2003 box and it is not  
> working.  
>>>>>> I have a Dell 600SC with 2 gig ram and SP 1 installed.  
>>>>>> It has two hard drives each on their own controller.  
>>>>>> HD 1 is on its own channel (primary) and is set to master. It has  
> a  
>>>>>> "C"  
>>>>>> partition of 24.41 gig and a "D" partition of 50.8 gig  
>>>>>> HD 2 is on its own channel (secondary) and is also set to master  
> and  
>>>>>> has  
>>>>>> no  
>>>>>> volume  
>>>>>> Both drives are set to dynamic  
>>>>>>  
>>>>>>

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>>>>> When I select the "C" drive and the "Add Mirror" option it marks  
> off a  
>>>>> mirror section on HD 2 and begins to sync. This usually continues  
>>>>> until  
>>>>> it  
>>>>> is around 30 % complete and then quits with no message at all, and  
> the  
>>>>> mirror  
>>>>> does not work.  
>>>>> The only thing that happens is that a yellow caution sign is  
> displayed  
>>>>> on  
>>>>> the "C" drive and I have to select "Reactivate Volume" to get rid  
> of  
>>>>> it.  
>>>>>  
>>>>> I have tried several different combinations with the drives and get  
> the  
>>>>> same  
>>>>> result each and every time. I am currently running backups every  
>>>>> night,  
>>>>> but  
>>>>> really want to have the added stability of a drive mirror on my  
> system.  
>>>>> Can  
>>>>> anyone help me figure out why the mirror is not working?  
>>>>>  
>>>>> Thanks,  
>>>>> -Todd  
>>>>>  
>>>>>  
>>>>>  
>>>  
>>>  
>>>  
>  
>  
>  
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### • *Follow-Ups:*

◆ [Re: Raid 0 \(Mirroring\) – Help?](#)

◇ *From:* Buddy Greenshield

### • *References:*

◆ [Raid 0 \(Mirroring\) – Help?](#)

◇ *From:* Todd H

◆ [Re: Raid 0 \(Mirroring\) – Help?](#)

◇ *From:* AllenM

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- ◆ **Re: Raid 0 (Mirroring) – Help?**  
◇ From: Todd H
- ◆ **Re: Raid 0 (Mirroring) – Help?**  
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