

Re: Data recovery from a RAID set with XP Pro

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.basics/2005-04/msg01459.html>

- *From:* "Walter Clayton" <w-claytonNO@xxxxxxxxxxxxx>
 - *Date:* Tue, 19 Apr 2005 13:27:20 -0400
-

"TDA171" <TDA171@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:7BD04B1B-1C0A-4C1F-9C7F-8EE42568BFF9@xxxxxxxxxxxxxxxxxxxx

- > Thanks Walter:
- > I fear I am not certain which is Mirror and which is Stripe. As the four
- > drives are set up as two pairs of Master and Slave, is it safe to assume
- > that
- > one Master and the paired Slave are doing the same job ie mirror or
- > stripe,
- > and can I isolate each pair in turn to try and establish which if any of
- > the
- > drives has gone down??

Unfortunately making assumptions in this instance is not a good thing. A RAID 0+1 can be configured so that a channel mirrors a channel with the stripe being master/slave or the stripe could run across channels with the slaves being the mirrors. All of that is determined when the RAID is defined. You should be able to get into the RAID BIOS, assuming it's not a controller, to see what the configuration is. If not, try pulling just one drive at a time.

- >
- > Second question: If I reinstalled OS, would I loose the data if I
- > reestablished the RAID? For some time I was receiving message 'incomplete
- > raid' yet the server still delivered all data on request.....until it
- > refused
- > to boot just recently.

Uh-oh. You've been getting RAID failure messages for a while that you've been ignoring?

Very much definitely a very big bad no-no, especially when dealing with stripes. Depending on the failure mode, you may very well be looking at total data loss. From the sound of it the source/mirror got out of synch, most likely due to hardware failure and the remaining functional stripe has now crapped out. Unless the issue is with the controller rather than the drive, it's not looking good.

Re: Data recovery from a RAID set with XP Pro

Never, ever ignore error messages when it comes to a RAID. Always address any error message immediately.

If you can't get things up by simply replacing a single drive, or at most a pair of drives assuming that's a stripe pair and you don't know what the RAID geometry is then you're probably definitely looking at total data loss.

>
> Any help would be appreciated
>
> Tim

—

Walter Clayton

Any technology distinguishable from magic is insufficiently advanced.

<http://www.dts-l.org>

- **Follow-Ups:**

- ◆ **[Re: Data recovery from a RAID set with XP Pro](#)**
◇ From: TDA171

- **References:**

- ◆ **[Data recovery from a RAID set with XP Pro](#)**
◇ From: TDA171
- ◆ **[Re: Data recovery from a RAID set with XP Pro](#)**
◇ From: Carey Frisch [MVP]
- ◆ **[Re: Data recovery from a RAID set with XP Pro](#)**
◇ From: TDA171
- ◆ **[Re: Data recovery from a RAID set with XP Pro](#)**
◇ From: Walter Clayton
- ◆ **[Re: Data recovery from a RAID set with XP Pro](#)**
◇ From: TDA171

- Prev by Date: **[Re: a question](#)**
- Next by Date: **[Re: USB](#)**
- Previous by thread: **[Re: Data recovery from a RAID set with XP Pro](#)**
- Next by thread: **[Re: Data recovery from a RAID set with XP Pro](#)**
- Index(es):
 - ◆ **[Date](#)**
 - ◆ **[Thread](#)**