
Subject: Re: R.A.I.D. Questions? Should I split it or keep it as one?

Posted by [EvilWhiteDragon](#) on Sat, 13 Jun 2009 15:21:19 GMT

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Speedy059 wrote on Fri, 12 June 2009 02:45 Just stick with Raid 1 if you have two hard drives. It's pointless to do Raid 0 for your personal computer. You won't know the difference from Raid 1 and Raid 0 if it's your personal computer. Raid 0/10 is only beneficial for web servers and database servers when you have 1000's of queries going on.

People who use Raid 0 on their personal computer are doing it to satisfy their psychological mindset that they will see a big speed increase on Raid 0.

RAID 1 is THE MOST OVERRATED RAID LEVEL. Simply because it *looks* like a form of backup, while it actually is not. As soon as a virus removes/damages your file, it will do so on both disks. RAID 1 only protects you from 1 disk dying. Which from my experience doesn't happen often, and if it is dying, SMART will usually give an error.

The advantage of RAID 0 is that you'll get increased sustained read/writes, and a possible average lower seektime (with multiple IO).

Ideally you would run RAID 5 or RAID 6. RAID 5 can be done with just 3 disks, and will give you a 1/3 loss of total disk space, but 1 disk can drop out of the array without problems.

RAID 6 would give you the speed benefits of RAID 0, but with the same level of redundancy as RAID 1. Minimum amount of disks is 4. You'll lose 50% of the total disk space, but you can also lose 2 disks without losing data.
