
Subject: Re: Which system would be more beneficial?
Posted by [sPENKMAN](#) on Tue, 20 Mar 2007 22:14:55 GMT
[View Forum Message](#) <> [Reply to Message](#)

Why 6 drives in raid10 and not 4? Are you planning to use an hotspare?

I would go for an good hardware raid10 controller with four 15k 74GB harddisks with as much memory as you can get for your budget.

* Why a hardware raid controller?

Under normal conditions you will have better performance and caching capabilities. When a drives decides to fail you can simply remove it and replace it with a new drive without much hassle. Using software raid you are always depending on you OS which would be a shame looking at the rest of your config.

* Why use 15.000rpm harddisks?

In the system that I control I see quite some harddisk activity. There are loads of read / writes on which a low access time gives you better performance.

I also suggest you mount the filesystem with the "noatime" parameter, this will lower the load on your filesystem noticable.
