

Re: I need further HDD advice before submitting order.

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2005-05/1168.html>

From: Ryan Stark (*syah_at_io.com*)

Date: 05/12/05

Date: Wed, 11 May 2005 18:56:09 -0500

To: freebsd-questions@freebsd.org

On Wed, 11 May 2005 16:19:33 +0100
freebsd.org@donnacha.com wrote:

> *Hi again,*

>

> *I posted a question here last week, asking for advice on how I should
> ask my datacenter to divide up the HDDs in my new server. Thank you
> to everyone who responded.*

>

I might make different choices in partitioning a server in datacenter
enviroment vs. my workstation at home. It is likely you will not have
physical access to the machine, and thus you have to have a technician
to service it for failures – at least. I like to know my
datacenter's and more importantly their technician's familiarity with
BSD. I also would like to keep is simple for these techs, and practice
KISS whenever possible.

>

> *Server purpose: Initially just forums, later sundry other Web apps
> i.e. ecommerce, ticket bookings etc. Will possibly become a heavy-
> duty email server at some stage.*

>

> *2GB RAM*

>

> *80GB HDD IDE:*

> */ = 1GB*

> */usr = 15GB*

> */local = 15GB*

> *Swap = 4GB*

> *Unallocated = 40GB*

>

> *200GB HDD IDE:*

>

> */tmp = 2GB (is that enough?)*

> */home = 28GB*

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freebsd-questions: Re: I need further HDD advice before submitting order.

> /var = 100GB (will include the forum databases etc)

> Unallocated = 70GB

>

This storage scheme, or similar would do fine for such a server, imho.

Since these are IDE disks, I would also consider the fail rate of modern large IDE disks (especially) in a datacenter. Should one of these drives fail, you must ask yourself – does your server have onsite backups? How mission critical is your server's uptime – for ecommerce, etc? If the disk dies and you have to reinstall the OS, how long is the datacenter's turnaround on reinstall(+ restore if you have it)? It is good to plan in advance for the unforeseen.

M