

Re: [SLE] raid question

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2005-02/2858.html>

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Date: 02/28/05

Date: Mon, 28 Feb 2005 13:11:29 -0500

To: richard.bos@xs4all.nl

On Mon, 28 Feb 2005 12:06:23 +0100, Richard Bos <radoeka@xs4all.nl> wrote:

> *I'm looking into RAID, and as such I started to read the suse manual and the
> raid howto on the web. I still have some questions that someone on this list
> can answer.*

>

> *1) Is it possible to add a soft raid after installation? The system I want to
> extend with raid (raid 1) is already up and running on single disk system (it
> has 2 disks).*

>

Don't know.

> *2) How does one enable hardware raid. The motherboard has an onboard hardware
> raid controller. The controller does not really seem to be supported by
> linux (Promise 378). Anyway, I ask this out of interest ;) In case of
> hardware should it be done via the bios or completely different?*

>

Typically hardware raid has the initial setup performed at the BIOS level. Ongoing maintenance etc. is typically handled by the OS (kernel driver + userspace).

For instance, to create a RAID 5 set you typically have to access the bios. Then later if you have a disk failure and you need to swap it out, the notification and swap-out management have to be handled without having to reboot the server, thus the driver / user space apps have to manage this process.

Greg

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Greg Freemyer

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