

Re: [SLE] SuSE 9.3 x64 and SATA II raid

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2005-07/0906.html>

From: Michael A. Coan (mikecoan_at_woodlawnfoundation.org)

Date: 07/12/05

Date: Mon, 11 Jul 2005 21:09:12 -0400 (EDT)

To: suse-linux-e@suse.com

Anders,

> *[stuff deleted]*

>> *Windows 2003 is a supported guest of VMWare Wks 5.0. SuSE9.3 x64 is not*

>> *officially supported, but SLES 9 is and I have read of a number of*

>> *people successful running VMWare 5.0 on SUSE 9.3 x64.*

>

> *Yes, I can attest to that, it runs very nicely*

Thanks for the confirmation.

>

>> *Regarding RAID, from what I have read. I would not use the nvidia raid*

>> *included with the nforce4 boards, but use YAST to set up software raid.*

>> *My plan is to use RAID 0 (I know that means no redundancy) and then*

>> *use an additional hard drive for backing up the data files.*

>

> *RAID 0 is striping and will give you extra speed. But RAID 0 has the huge*

> *drawback if one drive fails, the whole thing comes crashing down, and*

> *you'll*

> *have to reinstall everything.*

I realize that. I guess my initial thought was tht it is very easy to reinstall SuSE 9.3 (less than an hour). Since Windows server will be a guest OS, it will only be 6 or 7 files, so I copy over the files in 10 minutes and it is reinstalled. I figured that the time saved by using RAID 0 over say three years, would more than offset the time it takes to reinstall. Maybe that is foolish.

Maybe i should use a 3ware controller and do raid 5. this time I will know what the beeping is :) Or would you recommend RAID 10 instead.

>

>> *i am not inclined to use raid 5. Our current server had raid 5 with a*

>> *Perc controller and 3 Ultra 160 SCSI drives. When one of the drives*

>> *failed the controller began beeping like crazy, but everything worked*

SuSE: Re: [SLE] SuSE 9.3 x64 and SATA II raid

>> *Too bad i didn't know what the beeping meant. By the time I figured out
>> what the beeping meant, a second drive failed and I had to reinstall
>> Windows Small Business Server on the remaining drive.*
>
> *The value of reading manuals. If you had known what the beeping meant, you
> could have kept the machine running (bar perhaps for the time it takes to
> throw in a new drive, if the hardware doesn't support hotplugging). This
> is
> why people have redundancy. Their time costs more than the hardware*

My excuse is that someone else bought and installed the server, and since it was a Windows machine I tried not to get involved too much. My mistake,

If SuSE 9.3 supports raid10 or raid 0+1 in software, then i suppose i could just get 4 drives. I ahve heard that raid1 is fairly slow.

Mike

Michael A. Coan
Woodlawn Foundation
524 North Avenue, Suite 203
New Rochelle, NY 10801-3410
Tel: 914-632-3778
Fax: 914-632-5502

--
Check the headers for your unsubscribe address
For additional commands send e-mail to suse-linux-e-help@suse.com
Also check the archives at <http://lists.suse.com>
Please read the FAQs: suse-linux-e-faq@suse.com