

# RE: Adaptec SCSI RAID 2000S

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/RedHat/2007-10/msg00228.html>

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- *From:* "Johan Booyesen" <[johan@xxxxxxxxxxxxxxxxxxxxx](mailto:johan@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 23 Oct 2007 08:43:34 +0100
- 

Dear all,

Please help.

I can successfully complete the installation by doing 'linux noprobe' and manually choosing the i2o block device driver, but afterwards I only get 'GRUB' on the display. If I boot into rescue mode, I have to do 'linux noprobe rescue' and again manually select the i2o driver, otherwise no file system is found to be mounted under /mnt/sysimage. Then I can do 'lsmod' and see that the i2o driver does appear to have loaded:

```
i2o_block  
i2o_core i2o_block
```

And modprobe.conf lists the driver:  
alias scsi\_hostadapter i2o\_block

I was thinking that if it's a problem with grub, then maybe I can try to install LILO instead. But there's no option to do that while installing RHEL5. Does anyone know how I can do this?

Otherwise, it will be acceptable if I can boot in some other way, e.g. from floppy. But the problem seems to lie with the driver not loading...so I'm not sure it that will help at all.

[https://bugzilla.redhat.com/show\\_bug.cgi?id=159043](https://bugzilla.redhat.com/show_bug.cgi?id=159043) mentions the same kind of problem, but under RHEL4. I tried it anyway, but it doesn't work for me.

In the meantime I will try CentOS, just in case it works.

Does anyone have any other suggestions?

Thanks very much.

Johan

-----Original Message-----

RE: Adaptec SCSI RAID 2000S

From: redhat-list-bounces@xxxxxxxxxx  
[mailto:redhat-list-bounces@xxxxxxxxxx] On Behalf Of Johan Booyesen  
Sent: 22 October 2007 09:09  
To: sorin.srbu@xxxxxxxxxxxxxx; General Red Hat Linux discussion list  
Subject: RE: Adaptec SCSI RAID 2000S

I don't think management over here will go for CentOS. Besides, if CentOS is the same as Red Hat, I assume that it too will not have the driver I need..?

Thanks for the suggestion, though!

Johan

-----Original Message-----

From: redhat-list-bounces@xxxxxxxxxx  
[mailto:redhat-list-bounces@xxxxxxxxxx] On Behalf Of Sorin Srbu  
Sent: 22 October 2007 07:51  
To: 'General Red Hat Linux discussion list'  
Subject: RE: Adaptec SCSI RAID 2000S

Johan Booyesen <> scribbled on Friday, October 19, 2007 6:28 PM:

You should do fine with CentOS5 as a replacement for RHEL5. CentOS is binary compatible, a clone if you want, of RHEL. Only real difference (and the one I can care slightly about) is that CentOS has had all the RHEL-logos etc stripped and that it uses yum for updating instead of RHEL's up2date and the RHN.

I use CentOS myself for trying out stuff before deploying to our RHEL3/4 machines. So far so good. I also like the fact that CentOS is supported as long as RHEL is. Redhat will support v5 until 2011?), and since CentOS is basically the same thing as RHEL, the same will be true for support and updates for CentOS.

See this thread on the CentOS forums, it might help you decide:  
[http://www.centos.org/modules/newbb/viewtopic.php?topic\\_id=3107&forum=35](http://www.centos.org/modules/newbb/viewtopic.php?topic_id=3107&forum=35)  
. 8-)

[off-track]

I used Fedora before to try out stuff before, but thought the fast update-cycle was a bit too bleeding edge. I searched around a while and came across CentOS and haven't looked back since.

[on-track]

HTH.

RE: Adaptec SCSI RAID 2000S

Matt,

Good question, and a very valid point. But anyway, this box is kind of a test-lab Oracle server, and needs to be RHEL5 for that purpose. I believe it will be pretty heavily used, so virtualizing it won't happen  
– I'll bet my last penny on that, and on the Springboks, by the way!  
:)

I think the next thing to do is to perhaps flash the Adaptec adapter's

BIOS to a newer version, and then see if the driver will load...I'm pretty certain that I've exhausted all other options for now.

Will see what the boss says on Monday...

Thanks very much for your reply.

Johan

-----Original Message-----

From: redhat-list-bounces@xxxxxxxxxxx  
[mailto:redhat-list-bounces@xxxxxxxxxxx] On Behalf Of Matt  
Sent: 19 October 2007 17:18  
To: 'General Red Hat Linux discussion list'  
Subject: RE: Adaptec SCSI RAID 2000S

Perhaps this is not the answer you are looking for, but maybe you can install another distro (Fedora or an older CENTOS) to get driver support.

Also, could using a virtual server work? I am just wondering if you can place something like CENT as the host OS then run VMWare and maybe

create a virtual machine with RHEL5? Perhaps this VM will not require

direct hardware support for the controller? You might be able to virtualize part of your infrastructure as well and run a legacy OS which supports your controller – then, include this box in the virtual

infrastructure.

Maybe the real question is why is it that you need to run RHEL5 on a 4

RE: Adaptec SCSI RAID 2000S

year old box? I am not saying there is a problem with it, but is it essential that RHEL5 is run on this one?

Just some thoughts for you...

-----Original Message-----

From: redhat-list-bounces@xxxxxxxxxx  
[mailto:redhat-list-bounces@xxxxxxxxxx]  
On Behalf Of Andrew Bacchi  
Sent: Friday, October 19, 2007 11:41 AM  
To: General Red Hat Linux discussion list  
Subject: Re: Adaptec SCSI RAID 2000S

I hope you've already solved this problem. Have you checked the Adaptec web site for a Linux driver? If anyone has one, it would be

the OEM.

Johan Booyesen wrote:

I urgently need advice on this: I need to install RHEL5 on a server that is probably about 4 years old. It contains an Adaptec SCSI RAID

2000S adapter, and there is no driver available that I can track down

on short notice (and none included on the RHEL5 discs). Anaconda does not detect any disks on the server during installation.

Anyone know what my best bet is to get around this, or where to find a driver that will work?

Thanks very much.

Johan

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veritatis simplex oratio est  
-Seneca

Andrew Bacchi  
Systems Programmer

RE: Adaptec SCSI RAID 2000S

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