Subject: *SOLVED* No module ata_piix and raid found error?
Posted by whatever on Wed, 14 Mar 2007 04:45:16 GMT
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We are using server with 4 GB ram but it shows only 3 GB.
The operating system is CentOS 4.4
Which kernel do we have to install to see 4 GB RAM
#uname -a
Linux 2.6.9-023stab040.1-smp #1 SMP Tue Jan 16 00:54:22 MSK 2007 i686 i686 i386 GNU/Linux

We tried installing the openvz but we got following error.

WARNING: No module ata_piix found for kernel 2.6.9-023stab040.1-smp,
continuing anyway
WARNING: No module raid1 found for kernel 2.6.9-023stab040.1-smp, continuing
anyway

Can anyone suggest which kernel we use to see 4 GB RAM and how to rectify these warning.

Thanks

Subject: Re: No module ata_piix and raid found error?
Posted by Vasily Tarasov on Wed, 14 Mar 2007 07:23:02 GMT
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Hello,

you wrote:
Quote:We are using server with 4 GB ram but it shows only 3 GB.
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anyway

Can anyone suggest which kernel we use to see 4 GB RAM and how to rectify these warning.

Actually, 32bit kernels can see 4Gb of RAM, but some chipsets map some gigabytes above the 4Gb limit, and then 32bit kernel can't see all the RAM. Here are the ways to solve the problem:
1) Some BIOSes have a trigger to map all the memory below 4Gb, without the hole. You can try to find it.

2) Use OpenVZ etnosplit kernel.
3) Use 64bit OS.

As concerns WARNINGS. They are OK, because thede modules are incorporated in the kernel. So, don't worry.

HTH,
Vasily.

Subject: Re: No module ata_piix and raid found error?
Posted by whatever on Wed, 14 Mar 2007 07:34:43 GMT
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Thank you Vasily for the reply
Do we have to use 64bit or 32bit or can we use enterprise kernel in single processor?

up2date --nosig ovzkernel-enterprise

or the kernel we using is ok?

Thanks

Subject: Re: No module ata_piix and raid found error?
Posted by Vasily Tarasov on Wed, 14 Mar 2007 08:10:06 GMT
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I suspect that your node has 32bit CentOS installed. So, just use etnosplit OpenVZ kernel.

Vasily.

Subject: Re: No module ata_piix and raid found error?
Posted by whatever on Wed, 14 Mar 2007 08:36:44 GMT
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Yes we have 32 bit installed. Can we install this kernel using up2date or yum? Whats the kernel name like we use up2date --nosig ovzkernel-enterprise
Thanks

Subject: Re: No module ata_piix and raid found error?
Posted by Vasily Tarasov on Wed, 14 Mar 2007 08:50:59 GMT
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Yes, you can, kernel name is "ovzkernel-entnosplit"

Vasily

Subject: Re: No module ata_piix and raid found error?
Posted by whatever on Wed, 14 Mar 2007 09:25:03 GMT
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I tried
up2date --nosig ovzkernel-entnosplit

The following packages you requested were not found:
ovzkernel-entnosplit

Thanks

Subject: Re: No module ata_piix and raid found error?
Posted by Vasily Tarasov on Wed, 14 Mar 2007 10:19:01 GMT
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[root@white yum.repos.d]# yum install ovzkernel-entnosplit
Setting up Install Process
Setting up repositories
Reading repository metadata in from local files
Parsing package install arguments
Resolving Dependencies
--> Populating transaction set with selected packages. Please wait.
---> Package ovzkernel-entnosplit.i686 0:2.6.9-023stab040.1 set to be installed
--> Running transaction check

Dependencies Resolved

```
================================================================================
 Package              Arch      Version          Repository       Size
================================================================================
Installing:
 ovzkernel-entnosplit    i686      2.6.9-023stab040.1  openvz           14 M

Transaction Summary
================================================================================
Install      1 Package(s)
Update       0 Package(s)
```

Remove 0 Package(s)
Total download size: 14 M
Is this ok [y/N]: y
Downloading Packages:
...

Subject: Re: No module ata_piix and raid found error?
Posted by whatever on Wed, 14 Mar 2007 10:40:33 GMT
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[root@admin~]# yum install ovzkernel-entnosplit
Setting up Install Process
Setting up repositories
Reading repository metadata in from local files
Parsing package install arguments
No Match for argument: ovzkernel-entnosplit
Nothing to do

Subject: Re: No module ata_piix and raid found error?
Posted by Vasily Tarasov on Wed, 14 Mar 2007 10:41:35 GMT
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Have you set up OpenVZ repos?

Subject: Re: No module ata_piix and raid found error?
Posted by whatever on Wed, 14 Mar 2007 10:55:44 GMT
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I dont think so.
Can you please suggest how to do that?
Thanks

Subject: Re: No module ata_piix and raid found error?
Posted by Vasily Tarasov on Wed, 14 Mar 2007 11:20:22 GMT
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read this, please,
http://wiki.openvz.org/Quick_installation#yum_pre-setup

Subject: Re: No module ata_piix and raid found error?
Posted by whatever on Wed, 14 Mar 2007 11:37:44 GMT
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Thanks buddy
Works like charm...