Subject: No module aar81xx found for kernel while installing kernel rpm
Posted by ha77ab on Tue, 27 Jun 2006 16:13:31 GMT
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Hi,

I get "No module aar81xx found for kernel" while installing openvz kernel.

here is my lspci if needed, os is Centos4.3

00:01.0 PCI bridge: Advanced Micro Devices [AMD] AMD-8132 PCI-X Bridge (rev 12)
00:01.1 PIC: Advanced Micro Devices [AMD] AMD-8132 PCI-X IOAPIC (rev 12)
00:02.0 PCI bridge: Advanced Micro Devices [AMD] AMD-8132 PCI-X Bridge (rev 12)
00:02.1 PIC: Advanced Micro Devices [AMD] AMD-8132 PCI-X IOAPIC (rev 12)
00:06.0 PCI bridge: Advanced Micro Devices [AMD] AMD-8111 PCI (rev 07)
00:07.0 ISA bridge: Advanced Micro Devices [AMD] AMD-8111 LPC (rev 05)
00:07.1 IDE interface: Advanced Micro Devices [AMD] AMD-8111 IDE (rev 03)
00:07.2 SMBus: Advanced Micro Devices [AMD] AMD-8111 SMBus 2.0 (rev 02)
00:07.3 Bridge: Advanced Micro Devices [AMD] AMD-8111 ACPI (rev 05)
00:18.0 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] HyperTransport Technology Configuration
00:18.1 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Address Map
00:18.2 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] DRAM Controller
00:18.3 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Miscellaneous Control
00:19.0 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] HyperTransport Technology Configuration
00:19.1 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Address Map
00:19.2 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] DRAM Controller
00:19.3 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Miscellaneous Control
01:00.0 USB Controller: Advanced Micro Devices [AMD] AMD-8111 USB (rev 0b)
01:00.1 USB Controller: Advanced Micro Devices [AMD] AMD-8111 USB (rev 0b)
01:04.0 VGA compatible controller: ATI Technologies Inc Rage XL (rev 27)
02:03.0 Ethernet controller: Broadcom Corporation NetXtreme BCM5704 Gigabit Ethernet (rev 10)
02:03.1 Ethernet controller: Broadcom Corporation NetXtreme BCM5704 Gigabit Ethernet (rev 10)
03:03.0 RAID bus controller: Marvell Technology Group Ltd. MV88SX6041 4-port SATA II PCI-X Controller (rev 09)

how can I add support for my sata controller?

thank you for your replies

Subject: Re: No module aar81xx found for kernel while installing kernel rpm
Posted by ha77ab on Tue, 27 Jun 2006 16:44:40 GMT
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going futher, server couldnt boot into ovz kernel:

The last few lines of the console are:

creating root device
mounting root filesystem
mount: error 2 mounting ext3
mount: error 2 mounting none
switching to new root
switchroot: mount failed: 22
umount /initrd/dev failed: 2
Kernel Panic: Attempted to kill init

Subject: Re: No module aar81xx found for kernel while installing kernel rpm
Posted by Vasily Tarasov on Wed, 28 Jun 2006 07:47:24 GMT
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Please, provide information about kernel you use and
lspci -n output also.

In 2.6.8-022stabXXX kernel series there is no driver for
Marvell SATA Controller.

In 2.6.16-026testXXX kernel series some driver for Marvell SATA Controller presents and is compiled in. But I'm almost sure, that your particular device (MV88SX6041) isn't supported by this driver (To be absolutely sure I need lspci -n output).

If this is the case, you can compile driver yourself.

Subject: Re: No module aar81xx found for kernel while installing kernel rpm
Posted by ha77ab on Tue, 04 Jul 2006 21:21:00 GMT
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excuse me, how can I compile the driver? do I have to recompile the kernel?

uname -a
Linux vz01 2.6.8-022stab078.10-enterprise #1 SMP Wed Jun 21 12:20:51 MSD 2006 i686 athlon i386 GNU/Linux

here is lspci -n output:

lspci -n
00:01.0 Class 0604: 1022:7458 (rev 12)
00:01.1 Class 0800: 1022:7459 (rev 12)
00:02.0 Class 0604: 1022:7458 (rev 12)
00:02.1 Class 0800: 1022:7459 (rev 12)
00:06.0 Class 0604: 1022:7460 (rev 07)
00:07.0 Class 0601: 1022:7468 (rev 05)
00:07.1 Class 0101: 1022:7469 (rev 03)
00:07.2 Class 0c05: 1022:746a (rev 02)
00:07.3 Class 0680: 1022:746b (rev 05)
00:18.0 Class 0600: 1022:1100
00:18.1 Class 0600: 1022:1101
00:18.2 Class 0600: 1022:1102
00:18.3 Class 0600: 1022:1103
00:19.0 Class 0600: 1022:1100
00:19.1 Class 0600: 1022:1101
00:19.2 Class 0600: 1022:1102
00:19.3 Class 0600: 1022:1103
01:00.0 Class 0c03: 1022:7464 (rev 0b)
01:00.1 Class 0c03: 1022:7464 (rev 0b)
01:04.0 Class 0300: 1002:4752 (rev 27)
02:03.0 Class 0200: 14e4:1648 (rev 10)
02:03.1 Class 0200: 14e4:1648 (rev 10)
03:01.0 Class 0104: 13c1:1003
03:03.0 Class 0104: 11ab:6041 (rev 09)

Subject: Re: No module aar81xx found for kernel while installing kernel rpm
Posted by ha77ab on Tue, 04 Jul 2006 21:28:51 GMT
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ok i'll try http://wiki.openvz.org/Kernel_build
