

# RHEL5 section mismatch warnings

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/RedHat/2007-11/msg00275.html>

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  - *Date:* Tue, 27 Nov 2007 06:27:32 -0800 (PST)
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Greetings,

When compiling the Redhat Enterprise Linux 5(2.6.18-8.el5) kernel I get numerous `?vmlinux - Section mismatch?` warnings. Searching on the web I see that these section mismatches are usually corrected by a patch from the developer. When compiling my own modules against this kernel, the same set of warnings is displayed.

Are there any negative side effects related to these warnings?  
Can they be safely disregarded?  
Is there an Update from Redhat that addresses these warnings?

I have included the steps undertaken to build the kernel below. It's possible that I have made an error there.

Best regards,  
Todd

(sending this message a 2nd time after it didn't post to the list after 16 hours. sorry if it appears twice.)

Installed RHEL 5.

```
$ uname -r  
2.6.18-8.el5
```

Downloaded the kernel source RPM file from here:  
<http://mirrors.kernel.org/redhat/redhat/linux/enterprise/5Server/en/os/SRPMS/kernel-2.6.18-8.el5.src.rpm>

Then issue these commands:

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```
rpm -ivh kernel-2.6.18-8.el5.src.rpm
cd /usr/src/redhat/SPECS
rpmbuild -bp --target i686 kernel-2.6.spec
cd
/usr/src/redhat/BUILD/kernel-2.6.18/linux-2.6.18.i686/
make mrproper
make clean
make oldconfig
make all
```

List of section Mismatch warnings:

```
WARNING: vmlinux - Section mismatch: reference to
.init.data:boot_params from .text between '_text' (at
offset
0xc0400029) and 'startup_32_smp'
WARNING: vmlinux - Section mismatch: reference to
.init.data:boot_params from .text between '_text' (at
offset
0xc0400037) and 'startup_32_smp'
WARNING: vmlinux - Section mismatch: reference to
.init.data:init_pg_tables_end from .text between
'_text' (a
t offset 0xc0400099) and 'startup_32_smp'
WARNING: vmlinux - Section mismatch: reference to
.init.data:new_cpu_data from .text between
'checkCPUtype' (
at offset 0xc0400126) and 'is486'
WARNING: vmlinux - Section mismatch: reference to
.init.data:new_cpu_data from .text between
'checkCPUtype' (
at offset 0xc0400130) and 'is486'
WARNING: vmlinux - Section mismatch: reference to
.init.data:new_cpu_data from .text between
'checkCPUtype' (
at offset 0xc040014f) and 'is486'
WARNING: vmlinux - Section mismatch: reference to
.init.data:new_cpu_data from .text between
'checkCPUtype' (
at offset 0xc0400160) and 'is486'
WARNING: vmlinux - Section mismatch: reference to
.init.data:new_cpu_data from .text between
'checkCPUtype' (
at offset 0xc0400166) and 'is486'
WARNING: vmlinux - Section mismatch: reference to
.init.data:new_cpu_data from .text between
'checkCPUtype' (
at offset 0xc040016c) and 'is486'
```

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WARNING: vmlinux – Section mismatch: reference to  
.init.data:new\_cpu\_data from .text between  
'checkCPUtype' (  
at offset 0xc0400172) and 'is486'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:new\_cpu\_data from .text between  
'checkCPUtype' (  
at offset 0xc0400188) and 'is486'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:new\_cpu\_data from .text between  
'checkCPUtype' (  
at offset 0xc0400192) and 'is486'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:new\_cpu\_data from .text between  
'checkCPUtype' (  
at offset 0xc040019b) and 'is486'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:new\_cpu\_data from .text between  
'checkCPUtype' (  
at offset 0xc04001a1) and 'is486'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:new\_cpu\_data from .text between 'check\_x87'  
(at  
offset 0xc0400210) and 'setup\_idt'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:new\_cpu\_data from .text between 'check\_x87'  
(at  
offset 0xc040022e) and 'setup\_idt'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:start\_kernel from .text between 'is386' (at  
offs  
et 0xc040020a) and 'check\_x87'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:smp\_prepare\_cpus from .text between 'init'  
(at o  
ffset 0xc0400300) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:migration\_init from .text between 'init'  
(at off  
set 0xc0400305) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:spawn\_ksoftirqd from .text between 'init'  
(at of  
fset 0xc040030a) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'init' (at offset  
0xc0400310  
) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:spawn\_softlockup\_task from .text between  
'init'

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(at offset 0xc0400318) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:smp\_cpus\_done from .text between 'init' (at offset 0xc0400381) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:sched\_init\_smp from .text between 'init' (at offset 0xc04003ec) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:cpuset\_init\_smp from .text between 'init' (at offset 0xc04003f1) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:populate\_rootfs from .text between 'init' (at offset 0xc04003f6) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:usermodehelper\_init from .text between 'init' (at offset 0xc0400400) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:driver\_init from .text between 'init' (at offset 0xc0400405) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:sysctl\_init from .text between 'init' (at offset 0xc040040a) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'init' (at offset 0xc040041f) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'init' (at offset 0xc0400458) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:prepare\_namespace from .text between 'init' (at offset 0xc0400508) and 'rest\_init'  
WARNING: vmlinux – Section mismatch: reference to .init.text:find\_unisys\_acpi\_oem\_table from .text between 'acpi\_madt\_oem\_check' (at offset 0xc0401306) and 'enable\_apic\_mode'  
WARNING: vmlinux – Section mismatch: reference to .init.text:acpi\_get\_table\_header\_early from .text between 'acpi\_madt\_oem\_check' (at offset 0xc040131c) and 'enable\_apic\_mode'

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WARNING: vmlinux – Section mismatch: reference to .init.text:parse\_unisys\_oem from .text between 'acpi\_madt\_oem\_check' (at offset 0xc040135a) and 'enable\_apic\_mode'

WARNING: vmlinux – Section mismatch: reference to .init.text:setup\_unisys from .text between 'acpi\_madt\_oem\_check' (at offset 0xc0401363) and 'enable\_apic\_mode'

WARNING: vmlinux – Section mismatch: reference to .init.text:parse\_unisys\_oem from .text between 'mps\_oem\_check' (at offset 0xc04012f3) and 'acpi\_madt\_oem\_check'

WARNING: vmlinux – Section mismatch: reference to .init.text:es7000\_sw\_apic from .text between 'enable\_apic\_mode' (at offset 0xc0401374) and 'check\_apicid\_present'

WARNING: vmlinux – Section mismatch: reference to .init.text:efi\_set\_rtc\_mmss from .text between 'sync\_cmos\_clock' (at offset 0xc0407351) and 'get\_cmos\_time'

WARNING: vmlinux – Section mismatch: reference to .init.text:efi\_get\_time from .text between 'get\_cmos\_time' (at offset 0xc040753f) and 'timer\_suspend'

WARNING: vmlinux – Section mismatch: reference to .init.text:noirqdebug\_setup from .text between 'quirk\_intel\_irqbalance' (at offset 0xc0409312) and 'i8237A\_suspend'

WARNING: vmlinux – Section mismatch: reference to .init.text:sysenter\_setup from .text between 'identify\_cpu' (at offset 0xc040a384) and 'detect\_ht'

WARNING: vmlinux – Section mismatch: reference to .init.text:\_\_alloc\_bootmem from .text between 'cpu\_init' (at offset 0xc040a67c) and 'c\_start'

WARNING: vmlinux – Section mismatch: reference to .init.text:mtrr\_bp\_init from .text between 'identify\_cpu' (at offset 0xc040a392) and 'detect\_ht'

WARNING: vmlinux – Section mismatch: reference to .init.text: from .text between 'cyrix\_identify' (at offset 0xc040ac0e) and 'centaur\_size\_cache'

WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'write\_new\_vid' (at offset 0xc040e53a) and 'decrease\_vid\_code\_by\_step'

WARNING: vmlinux – Section mismatch: reference to

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.init.data: from .text between 'write\_new\_fid' (at offset 0xc040e6b5) and 'powernowk8\_verify'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_init' (at offset 0xc040e817) and 'powernowk8\_target'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_target' (at offset 0xc040e97d) and 'powernowk8\_get'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_target' (at offset 0xc040eb17) and 'powernowk8\_get'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_target' (at offset 0xc040ebce) and 'powernowk8\_get'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_target' (at offset 0xc040ec35) and 'powernowk8\_get'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_target' (at offset 0xc040edc9) and 'powernowk8\_get'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_target' (at offset 0xc040f007) and 'powernowk8\_get'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_cpu\_init' (at offset 0xc040fb3d) and 'longrun\_set\_policy'  
WARNING: vmlinux – Section mismatch: reference to .init.data: from .text between 'powernowk8\_cpu\_init' (at offset 0xc040fcbb) and 'longrun\_set\_policy'  
WARNING: vmlinux – Section mismatch: reference to .init.data:acpi\_sci\_flags from .text between 'acpi\_sci\_ioapic\_setup' (at offset 0xc041203f) and 'acpi\_register\_gsi'  
WARNING: vmlinux – Section mismatch: reference to .init.data:acpi\_sci\_flags from .text between 'acpi\_sci\_ioapic\_setup' (at offset 0xc041205b) and 'acpi\_register\_gsi'  
WARNING: vmlinux – Section mismatch: reference to .init.text:mp\_override\_legacy\_irq from .text between

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'acpi\_  
sci\_ioapic\_setup' (at offset 0xc0412073) and  
'acpi\_register\_gsi'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:acpi\_sci\_override\_gsi from .text between  
'acpi\_s  
ci\_ioapic\_setup' (at offset 0xc0412079) and  
'acpi\_register\_gsi'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'start\_secondary' (at  
offset  
0xc0416642) and 'cpu\_exit\_clear'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'start\_secondary' (at  
offset  
0xc041664f) and 'cpu\_exit\_clear'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'start\_secondary' (at  
offset  
0xc041665e) and 'cpu\_exit\_clear'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'start\_secondary' (at  
offset  
0xc041667d) and 'cpu\_exit\_clear'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'start\_secondary' (at  
offset  
0xc0416684) and 'cpu\_exit\_clear'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'start\_secondary' (at  
offset  
0xc0416698) and 'cpu\_exit\_clear'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'start\_secondary' (at  
offset  
0xc04166a7) and 'cpu\_exit\_clear'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .text between 'MP\_processor\_info' (at  
offs  
et 0xc0416cbc) and 'mp\_register\_lapic'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:maxcpus from .text between  
'MP\_processor\_info' (  
at offset 0xc0416d4b) and 'mp\_register\_lapic'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .text between 'online\_page' (at  
offset 0xc  
041ae63) and 'free\_init\_pages'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: \_\_init\_begin from .text between  
'free\_initmem' (

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at offset 0xc041af1c) and 'mark\_rodata\_ro'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:\_sinittext from .text between  
'core\_kernel\_text'  
(at offset 0xc04334fa) and 'kernel\_text\_address'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:\_einittext from .text between  
'core\_kernel\_text'  
(at offset 0xc0433503) and 'kernel\_text\_address'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:\_sinittext from .text between  
'kallsyms\_lookup'  
(at offset 0xc043e438) and '\_\_print\_symbol'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:\_einittext from .text between  
'kallsyms\_lookup'  
(at offset 0xc043e444) and '\_\_print\_symbol'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:\_sinittext from .text between  
'kallsyms\_lookup'  
(at offset 0xc043e4d9) and '\_\_print\_symbol'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:\_einittext from .text between  
'kallsyms\_lookup'  
(at offset 0xc043e4e0) and '\_\_print\_symbol'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:initkmem\_list3 from .text between  
'set\_up\_list3s'  
' (at offset 0xc04668d6) and 's\_start'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:\_\_alloc\_bootmem from .text between  
'vgacon\_start  
up' (at offset 0xc04f31e7) and 'vgacon\_scrolldelta'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:logo\_linux\_clut224 from .text between  
'fb\_find\_l  
ogo' (at offset 0xc04fbabc) and  
'acpi\_table\_compute\_checksum'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:uart\_parse\_options from .text between  
'serial825  
0\_console\_setup' (at offset 0xc053f09e) and  
'serial8250\_request\_rsa\_resource'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text:uart\_set\_options from .text between  
'serial8250\_  
console\_setup' (at offset 0xc053f0b8) and  
'serial8250\_request\_rsa\_resource'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:acpi\_noirq from .text between  
'pcibios\_penalize\_

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isa\_irq' (at offset 0xc0599854) and  
'pirq\_serverworks\_get'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data:acpi\_noirq from .text between  
'pcibios\_setup' (a  
t offset 0xc0599f01) and '\_\_restore\_processor\_state'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_INTELPCI\_DEVICE\_ID\_INTEL\_82454NXquirk\_disable\_pxb'  
(at offset 0xc0649ae0) and '\_\_pci\_fixup\_PCI\_VENDOR\_ID\_  
CYRIXPCI\_DEVICE\_ID\_CYRIX\_PCI\_MASTERquirk\_mediagx\_master'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_CYRIXPCI\_DEVICE\_ID\_CYRIX\_PCI\_MASTERquirk\_mediagx\_master'  
(at offset 0xc0649ae8) and '\_\_pci\_fixup\_PCI\_VEND  
OR\_ID\_AMDPCI\_DEVICE\_ID\_AMD\_FE\_GATE\_700Cquirk\_amd\_ordering'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SERVERWORKSPCI\_DEVICE\_ID\_SERVERWORKS\_GCNB\_LEquirk\_svw\_msi'  
(at offset 0xc0649b00) and '\_\_pci\_fixup\_PCI\_VE  
NDOR\_ID\_AMDPCI\_DEVICE\_ID\_AMD\_8131\_BRIDGEquirk\_amd\_8131\_ioapic'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_AMDPCI\_DEVICE\_ID\_AMD\_8131\_BRIDGEquirk\_amd\_8131\_ioapic'  
(at offset 0xc0649b08) and '\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SIPCI\_ANY\_IDquirk\_ioapic\_rmw'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SIPCI\_ANY\_IDquirk\_ioapic\_rmw' (at offset  
0xc0649b10) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_AMDPCI\_DEVICE\_ID\_AMD\_  
VIPER\_7410quirk\_amd\_ioapic'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_ALPCI\_DEVICE\_ID\_AL\_M1651quirk\_alimagik' (at offset  
0xc0649b68) and '\_\_pci\_fixup\_PCI\_VENDOR\_ID\_ALPCI\_DEVIC  
E\_ID\_AL\_M1647quirk\_alimagik'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_ALPCI\_DEVICE\_ID\_AL\_M1647quirk\_alimagik' (at offset  
0xc0649b70) and '\_\_pci\_fixup\_PCI\_VENDOR\_ID\_VIAPCI\_DEVI  
CE\_ID\_VIA\_82C576quirk\_vsfx'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between

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'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_INTELPCI\_DEVICE\_ID\_INTEL\_EESSCquirk\_alder\_ioapic'  
(at offset 0xc06497e8) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_A  
TIPCI\_DEVICE\_ID\_ATI\_IXP600\_SATAquirk\_sb600\_sata'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_ID\_SI\_LPCquirk\_sis\_96x\_smbus' (at  
offset 0xc06497f8) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DE  
VICE\_ID\_SI\_963quirk\_sis\_96x\_smbus'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_ID\_SI\_963quirk\_sis\_96x\_smbus' (at  
offset 0xc0649800) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DE  
VICE\_ID\_SI\_962quirk\_sis\_96x\_smbus'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_ID\_SI\_962quirk\_sis\_96x\_smbus' (at  
offset 0xc0649808) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DE  
VICE\_ID\_SI\_961quirk\_sis\_96x\_smbus'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_ID\_SI\_961quirk\_sis\_96x\_smbus' (at  
offset 0xc0649810) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_VIAPCI\_DE  
VICE\_ID\_VIA\_8237asus\_hides\_ac97\_lpc'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_VIAPCI\_DEVICE\_ID\_VIA\_8237asus\_hides\_ac97\_lpc' (at  
offset 0xc0649818) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_ID\_SI\_503quirk\_sis\_503'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_ID\_SI\_503quirk\_sis\_503' (at offset  
0xc0649820) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_I  
D\_SI\_735quirk\_sis\_96x\_compatible'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIPCI\_DEVICE\_ID\_SI\_735quirk\_sis\_96x\_compatible'

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(at offset 0xc0649828) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIP  
CI\_DEVICE\_ID\_SI\_651quirk\_sis\_96x\_compatible'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SIPCI\_DEVICE\_ID\_SI\_651quirk\_sis\_96x\_compatible'  
(at offset 0xc0649830) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIP  
CI\_DEVICE\_ID\_SI\_650quirk\_sis\_96x\_compatible'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SIPCI\_DEVICE\_ID\_SI\_650quirk\_sis\_96x\_compatible'  
(at offset 0xc0649838) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIP  
CI\_DEVICE\_ID\_SI\_648quirk\_sis\_96x\_compatible'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SIPCI\_DEVICE\_ID\_SI\_648quirk\_sis\_96x\_compatible'  
(at offset 0xc0649840) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIP  
CI\_DEVICE\_ID\_SI\_646quirk\_sis\_96x\_compatible'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SIPCI\_DEVICE\_ID\_SI\_646quirk\_sis\_96x\_compatible'  
(at offset 0xc0649848) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_SIP  
CI\_DEVICE\_ID\_SI\_645quirk\_sis\_96x\_compatible'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SIPCI\_DEVICE\_ID\_SI\_645quirk\_sis\_96x\_compatible'  
(at offset 0xc0649850) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_VIA  
PCI\_DEVICE\_ID\_VIA\_8237k8t\_sound\_hostbridge'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_VIAPCI\_DEVICE\_ID\_VIA\_8237k8t\_sound\_hostbridge' (at  
offset 0xc0649858) and '\_\_pci\_fixup\_PCI\_VENDOR\_ID\_INTE  
LPCI\_DEVICE\_ID\_INTEL\_82375quirk\_eisa\_bridge'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
'\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_INTELPID\_DEVICE\_ID\_INTEL\_82375quirk\_eisa\_bridge'  
(at offset 0xc0649860) and  
'\_\_pci\_fixup\_PCI\_VENDOR\_ID\_IN  
TELPCI\_DEVICE\_ID\_INTEL\_82801CA\_10quirk\_ide\_samemode'

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WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_INTELPXI\_DEVICE\_ID\_INTEL\_82801CA\_10quirk\_ide\_samemode'  
(at offset 0xc0649868) and '\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_SERVERWORKSPCI\_DEVICE\_ID\_SERVERWORKS\_CSB5IDEquirk\_svwks\_csb5ide'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .pci\_fixup between  
\_\_pci\_fixup\_PCI\_VENDOR  
\_ID\_NVIDIAPCI\_DEVICE\_ID\_NVIDIA\_NFORCE2pci\_fixup\_nforce2'  
(at offset 0xc0649968) and '\_\_pci\_fixup\_PCI\_VENDOR\_I  
D\_INTELPXI\_ANY\_IDpci\_fixup\_transparent\_bridge'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .data between 'apic\_summit' (at  
offset 0xc  
0661cc4) and 'apic\_bigsmp'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .data between 'apic\_bigsmp' (at  
offset 0xc  
0661d64) and 'cpu.4379'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .data between 'apic\_es7000' (at  
offset 0xc  
0661e04) and 'apic\_default'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .data between 'apic\_default' (at  
offset 0x  
c0661ea4) and 'interrupt'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4000) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4004) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4008) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d40bc) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d40c0) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin

## RHEL5 section mismatch warnings

' (at offset 0xc06d40d8) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d40dc) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d410c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4110) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4114) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4118) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d411c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4120) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4124) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4128) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d412c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4130) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
 '\_\_smp\_alt\_begin  
' (at offset 0xc06d4134) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between

## RHEL5 section mismatch warnings

'\_\_smp\_alt\_begin  
(at offset 0xc06d4138) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d413c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d4140) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d4144) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d4148) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d414c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d4150) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d4154) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d4158) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d415c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d4184) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d41e0) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
(at offset 0xc06d41e4) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to

## RHEL5 section mismatch warnings

.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d41e8) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d41ec) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d41f0) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d41f4) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d41f8) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d41fc) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d4200) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d4204) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d4208) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d420c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d4210) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d4214) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
'(at offset 0xc06d4218) and '\_\_smp\_locks\_end'

## RHEL5 section mismatch warnings

WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d421c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4220) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4224) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4228) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d422c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4230) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4234) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4238) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d423c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4240) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4244) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin  
' (at offset 0xc06d4248) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
\_\_smp\_alt\_begin

## RHEL5 section mismatch warnings

' (at offset 0xc06d42c8) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d42cc) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d42d0) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d42dc) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d42e8) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d42fc) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d4300) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d431c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d43b8) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d46c0) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset 0xc06d46c4) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to .init.text: from .smp\_alternatives between \_\_smp\_alt\_begin

' (at offset

## RHEL5 section mismatch warnings

0xc06d4a9c) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d4aa0) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d4aa4) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d4b40) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d5294) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d5298) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d5cdc) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d5ce0) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d6690) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin  
' (at offset  
0xc06d6870) and '\_\_smp\_locks\_end'  
WARNING: vmlinux – Section mismatch: reference to  
.init.data: from .exit.text between 'powernowk8\_exit'  
(at o  
ffset 0xc070b973) and  
'longrun\_exit'

## RHEL5 section mismatch warnings

WARNING: vmlinux – Section mismatch: reference to  
.exit.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin

' (at offset  
0xc06d64fc) and '\_\_smp\_locks\_end'

WARNING: vmlinux – Section mismatch: reference to  
.exit.text: from .smp\_alternatives between  
'\_\_smp\_alt\_begin

' (at offset  
0xc06d6a7c) and '\_\_smp\_locks\_end'

WARNING: drivers/atm/he.o – Section mismatch:  
reference to .init.text: from .text between 'he\_start'

(at offs  
et 0x1f5a) and  
'he\_service\_rbrq'

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