
Posted by [seyko2](#) on Tue, 12 Jun 2007 03:37:04 GMT

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```
--- arch/i386/kernel/vm86.c.old 2007-06-12 06:05:00.000000000 +0400
+++ arch/i386/kernel/vm86.c    2007-06-12 06:11:17.000000000 +0400
@@ -125,11 +125,15 @@
    }
```

```
#ifndef CONFIG_X86_NO_TSS
-   tss = &per_cpu(init_tss, get_cpu());
+   tss = __get_cpu_tss(get_cpu());
#endif
    current->thread.esp0 = current->thread.saved_esp0;
    current->thread.sysenter_cs = __KERNEL_CS;
+#ifndef CONFIG_X86_NO_TSS
+   load_virtual_esp0(tss, current);
+#else
    load_esp0(tss, &current->thread);
+#endif
    current->thread.saved_esp0 = 0;
#ifndef CONFIG_X86_NO_TSS
    put_cpu();
@@ -305,14 +309,17 @@
    savesegment(gs, tsk->thread.saved_gs);
```

```
#ifndef CONFIG_X86_NO_TSS
-   tss = &per_cpu(init_tss, get_cpu());
+   tss = __get_cpu_tss(get_cpu());
#endif
    tsk->thread.esp0 = (unsigned long) &info->VM86_TSS_ESP0;
    if (cpu_has_sep)
        tsk->thread.sysenter_cs = 0;
-   load_esp0(tss, &tsk->thread);
+
#ifndef CONFIG_X86_NO_TSS
+   load_virtual_esp0(tss, tsk);
    put_cpu();
+#else
+   load_esp0(tss, &tsk->thread);
#endif

    tsk->thread.screen_bitmap = info->screen_bitmap;
```

