
Posted by [dev](#) on Thu, 14 Jun 2007 11:25:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

include/asm/processor.h

Quote:

```
diff -u include/asm/mach-xen/asm/processor.h.orig include/asm/mach-xen/asm/processor.h
--- include/asm/mach-xen/asm/processor.h.orig 2007-06-14 00:15:55.000000000 +0400
+++ include/asm/mach-xen/asm/processor.h      2007-06-14 00:16:07.000000000 +0400
@@ -569,6 +569,32 @@
 */
extern int kernel_thread(int (*fn)(void *), void * arg, unsigned long flags);

#ifdef CONFIG_X86_HIGH_ENTRY
#define virtual_esp0(task) \
+ ((unsigned long)((task)->thread_info->virtual_stack + ((task)->thread.esp0 - (unsigned
long)(task)->thread_info->real_stack)))
#define load_virtual_esp0(tss, task) \
+ do { \
+     tss->esp0 = virtual_esp0(task); \
+     if (likely(cpu_has_sep) && unlikely(tss->ss1 != (task)->thread.sysenter_cs)) { \
+         tss->ss1 = (task)->thread.sysenter_cs; \
+         wrmsr(MSR_IA32_SYSENTER_CS, \
+             (task)->thread.sysenter_cs, 0); \
+     } \
+ } while (0)
+
+#else
+
+#define virtual_esp0(task) ((task)->thread.esp0)
+#define load_virtual_esp0(tss, task) load_esp0(tss, &(task)->thread)
+
+#endif
+
+#ifndef CONFIG_XEN
+#define __get_cpu_tss(cpu) (init_tss + (cpu))
+#else
+#define __get_cpu_tss(cpu) (&per_cpu(init_tss, cpu))
```

```
+#endif
+
extern unsigned long thread_saved_pc(struct task_struct *tsk);
void show_trace(struct task_struct *task, struct pt_regs *regs, unsigned long *stack);
```

```
--- ./arch/i386/Kconfig.ve9992 2007-06-08 19:39:07.000000000 +0400
```

```
+++ ./arch/i386/Kconfig 2007-06-14 14:58:27.000000000 +0400
```

```
@@ -223,6 +223,7 @@ source "arch/i386/Kconfig.cpu"
```

```
config X86_4G
```

```
bool "4 GB kernel-space and 4 GB user-space virtual memory support"
```

```
+ depends on !X86_XEN
```

```
help
```

```
This option is only useful for systems that have more than 1 GB  
of RAM.
```

```
--- ./include/asm-i386/mach-xen/asm/processor.h.ve9992 2007-06-08 19:39:07.000000000  
+0400
```

```
+++ ./include/asm-i386/mach-xen/asm/processor.h 2007-06-14 15:04:30.000000000 +0400
```

```
@@ -535,6 +535,9 @@ static inline void __load_esp0(struct ts  
HYPERVISOR_stack_switch(__KERNEL_DS, (thread)->esp0)
```

```
#endif
```

```
+#define load_virtual_esp0(tss, task) load_esp0(tss, &(task)->thread)
```

```
+#define __get_cpu_tss(cpu) (&per_cpu(init_tss, cpu))
```

```
+
```

```
#define start_thread(regs, new_eip, new_esp) do { \
    __asm__ ("movl %0,%%fs ; movl %0,%%gs" : : "r" (0)); \
    set_fs(USER_DS); \
}
```

Quote:

```
desc.h  
fixmap.h  
highmem.h  
kmap_types.h  
mmu.h  
mmu_context.h
```

page.h
pgtable.h
processor.h
system.h
tlbflush.h

Quote:

<http://download.openvz.org/~dev/patches-035-ovz/>

Quote:

