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

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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)
+
#endif
#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:

