
Posted by [seyko2](#) on Wed, 13 Jun 2007 20:28:22 GMT

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```
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
+
#ifdef 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);
```

desc.h
fixmap.h
highmem.h
kmap_types.h
mmu.h
mmu_context.h
page.h
pgtable.h
processor.h
system.h
tlbflush.h

