Subject: [PATCH] return correct error code from child_rip in x86_64 entry.S
Posted by Andrey Mirkin on Wed, 19 Sep 2007 14:26:25 GMT
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From: Andrey Mirkin <major@openvz.org>

Right now register edi is just cleared before calling do_exit.
That is wrong because correct return value will be ignored.
Value from rax should be copied to rdi instead of clearing edi.

Signed-off-by: Andrey Mirkin <major@openvz.org>

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```
diff --git a/arch/x86_64/kernel/entry.S b/arch/x86_64/kernel/entry.S
index 1d232e5..ac6400e 100644
--- a/arch/x86_64/kernel/entry.S
+++ b/arch/x86_64/kernel/entry.S
@@ -989,7 +989,7 @@ child_rip:
  movq %rsi, %rdi
  call *%rax
  # exit
- xorl %edi, %edi
+ movq %rax, %rdi
  call do_exit
  CFI_ENDPROC
 ENDPROC(child_rip)
```