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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](mailto: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](mailto: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)
```

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