

## [PATCH 15/40] KVM: Disable pagefaults during copy\_from\_user\_inatomic()

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg12019.html>

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  - *Date:* Mon, 31 Mar 2008 17:36:59 +0300
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With CONFIG\_PREEMPT=n, this is needed in order to disable the fault-in code from sleeping.

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virt/kvm/kvm\_main.c | 2 ++

1 files changed, 2 insertions(+), 0 deletions(-)

diff --git a/virt/kvm/kvm\_main.c b/virt/kvm/kvm\_main.c

index 7972e3a..cf6df51 100644

--- a/virt/kvm/kvm\_main.c

+++ b/virt/kvm/kvm\_main.c

@@ -554,7 +554,9 @@ int kvm\_read\_guest\_atomic(struct kvm \*kvm, gpa\_t gpa, void \*data,

addr = gfn\_to\_hva(kvm, gfn);

if (kvm\_is\_error\_hva(addr))

return -EFAULT;

+ pagefault\_disable();

r = \_\_copy\_from\_user\_inatomic(data, (void \_\_user \*)addr + offset, len);

+ pagefault\_enable();

if (r)

return -EFAULT;

return 0;

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1.5.4.5

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