

[PATCH 12/40] KVM: Limit vcpu mmap size to one page on non-x86

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg12022.html>

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 - *Date:* Mon, 31 Mar 2008 17:36:56 +0300
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The second page is only needed on archs that support pio.

Noted by Carsten Otte.

Signed-off-by: Avi Kivity <avi@xxxxxxxxxxxxx>

virt/kvm/kvm_main.c | 5 ++++--

1 files changed, 4 insertions(+), 1 deletions(-)

diff --git a/virt/kvm/kvm_main.c b/virt/kvm/kvm_main.c

index 121e65c..7972e3a 100644

--- a/virt/kvm/kvm_main.c

+++ b/virt/kvm/kvm_main.c

@@ -1061,7 +1061,10 @@ static long kvm_dev_ioctl(struct file *filp,

r = -EINVAL;

if (arg)

goto out;

- r = 2 * PAGE_SIZE;

+ r = PAGE_SIZE; /* struct kvm_run */

+#ifdef CONFIG_X86

+ r += PAGE_SIZE; /* pio data page */

+#endif

break;

default:

return kvm_arch_dev_ioctl(filp, ioctl, arg);

1.5.4.5

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