

[PATCH 37/40] KVM: Add API to retrieve the number of supported vcpus per vm

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg11997.html>

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 - *Date:* Mon, 31 Mar 2008 17:37:21 +0300
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arch/x86/kvm/x86.c | 3 +++

include/linux/kvm.h | 1 +

2 files changed, 4 insertions(+), 0 deletions(-)

diff --git a/arch/x86/kvm/x86.c b/arch/x86/kvm/x86.c

index 256c0fc..955d2ee 100644

--- a/arch/x86/kvm/x86.c

+++ b/arch/x86/kvm/x86.c

@@ -811,6 +811,9 @@ int kvm_dev_ioctl_check_extension(long ext)

case KVM_CAP_VAPIC:

r = !kvm_x86_ops->cpu_has_accelerated_tpr();

break;

+ case KVM_CAP_NR_VCPUS:

+ r = KVM_MAX_VCPUS;

+ break;

default:

r = 0;

break;

diff --git a/include/linux/kvm.h b/include/linux/kvm.h

index 94540b3..deb9c38 100644

--- a/include/linux/kvm.h

+++ b/include/linux/kvm.h

@@ -234,6 +234,7 @@ struct kvm_vapic_addr {

#define KVM_CAP_VAPIC 6

#define KVM_CAP_EXT_CPUID 7

#define KVM_CAP_CLOCKSOURCE 8

+#define KVM_CAP_NR_VCPUS 9 /* returns max vcpus per vm */

/*

* ioctls for VM fds

1.5.4.5

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Please read the FAQ at <http://www.tux.org/lkml/>