

Re: [KVM][PATCH] smp_processor_id() and sleeping functions used in invalid context

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Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-12/msg08158.html>

- *From:* Avi Kivity <avi@xxxxxxxxxxxxx>
 - *Date:* Sun, 31 Dec 2006 19:50:09 +0200
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Luca Tettamanti wrote:

Hello,
I'm testing KVM on a Core2 CPU. I'm running kernel 2.6.20-git (pulled few hours ago), configured with SMP and PREEMPT.

I'm hitting 2 different warnings:
BUG: using smp_processor_id() in preemptible [00000001] code: kvm/7726
caller is vmx_create_vcpu+0x9/0x2f [kvm_intel]

[...]

vmx_create_vcpu calls alloc_vmcs which uses smp_processor_id() in preemptible context and pass the result to alloc_vmcs_cpu(); at a later point the function may be running on a different CPU (hence the result of cpu_to_node may be meaningless).

Second one:
BUG: sleeping function called from invalid context at
/home/kronos/src/linux-2.6.git/mm/slab.c:3034
in_atomic():1, irqs_disabled():0
1 lock held by kvm/12706:
#0: (&vcpu->mutex){---}, at: [<f1b68d02>] kvm_dev_ioctl+0x113/0xf97
[kvm]
[<b015c32a>] kmem_cache_alloc+0x1b/0x6f

[...]

There are patches for both (I think) flying around. They should land in Linus' tree in a few days.

Thanks,

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error compiling committee.c: too many arguments to function

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