
Subject: Re: VirtualBox compatibility

Posted by [poige](#) on Fri, 02 Jan 2009 20:40:26 GMT

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eager wrote on Mon, 08 September 2008 01:52l was interested in running VirtualBox on a system running an OpenVZ kernel. I installed CentOS 5 and updated it with OpenVZ RHEL-5.

When I attempt to install the VirtualBox for RHEL-5, building the kernel module fails. VBox uses the kernel function `register_cpu_notification` which is defined with `CONFIG_HOTPLUG_CPU=Y` (which is set in CentOS 5) but there is a wiki page http://wiki.openvz.org/Kernel_configuration which says that this config option is incompatible with `SCHED_VCPU`.

Also, it says "On a non-SMP machine, you may disable SMP, this will resolve the conflict.

If you have an SMP machine, you can only disable `FAIRSCHED` and `SCHED_VCPU`. It will reduce some isolation between VEs (CPU scheduling will be performed per-task, not per-VE, and `cpuunits` and `cpulimit` settings will not take effect), but it is an acceptable solution if your VEs are trusted (and it's hard to imagine untrusted VEs on a notebook.) " — Yeah, it says. But it won't compile at least at the moment of writing, alas.
