
Subject: VirtualBox compatibility

Posted by [eager](#) on Sun, 07 Sep 2008 17:52:31 GMT

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I 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`.

I tried rebuilding the OVZ kernel to have the kernel export a dummy version of `register_cpu_notification` even if `CONFIG_HOTPLUG_CPU=N`. This produced a kernel which booted OK, but when I try to build the VBox driver the system hangs for unknown reasons.

- 1) Has anyone been able to run VBox and OpenVZ side-by-side?
- 2) Is there a version of OpenVZ which supports `CONFIG_HOTPLUG_CPU`?

Any suggestions?
