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?