

## Re: VMware, Ubuntu host with OS5.0.6 guest OS, networking

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- *From:* Boyd Lynn Gerber <[gerberb@xxxxxxxx](mailto:gerberb@xxxxxxxx)>
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On Tue, 25 Mar 2008, Bill Campbell wrote:

On Sat, Nov 03, 2007, Bela Lubkin wrote:

...

The hard stuff is getting OSR5 \_installed\_ into a VMware VM, you run into trouble with SCSI and floppy drivers, among other things. It sounds like you hoisted an already-installed image into a VM instead of trying to ISL in the VM, thus side-stepping most of the trouble. Oh, also I'm mostly focused on ESX, which only emulates SCSI hard disks. Things are a bit easier on the VMware hosted products (Server, Workstation, ACE, Player), since they will emulate IDE hard disks.

I've just started working with the VMware Server on CentOS 5, with OSR 5.0.6a installed and things seem to be working reasonably well although I have some trouble getting keyboard control out of the console. The CTRL-ALT sequences usually do nothing on the X11 console, and I have completely lost control when running the vmware x-client from a Mac X11 session (PPC Mac Mini, not an Intel based Mac).

Change the it from CTRL-ALT to CTRL-SHIFT-ALT. That is what I have done. Then you can use the swquence.

Anyway, for networking I usually just let ESX or Workstation provide the default(\*) "vlance" emulation. OSR5's driver for that is "pnt". (\*)The default NIC varies depending on what guest OS you claim you're going to install. I always claim a guest of "other/other (32-bit)", and the default for that is vlance.

I'm pretty sure I've also tried the Intel Pro1000 emulation and had it work. The OSR5 driver for that is "eeG".

What other NIC emulations are available? One of the systems I

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would like to run under VMware is an old Oracle system which is now running on a UnixWare 2.x system, circa 1994. I doubt that it supports any PCI drivers as PCI wasn't too common then. The most common cards (other than NE2000s) were 3COM 3C509 and perhaps some SMCs.

I find the Intel Pro1000 to be the most reliable. That is what I am using. I have UnixWare 2.x as well most SCO OS's now in VMware. Also 8 distributions of linux, 10 UNIX variants non-sco. They work well. I think I am using a 3COM of some sort. I have also used the SMC cards. It was a real pain getting the earlier SCO versions working. I do not remember how. I never could get my XENIX 3.2v4 I think working. The XENIX is the last version released by SCO (Pre 2000).

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