Subject: CentOS 5.5 with VMWare & OpenVZ
Posted by MJimLay on Thu, 03 Jun 2010 10:23:38 GMT
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I am running a CentOS 5.5 system which does NOT support VT Technology, so I am unable to use Xen HV. I am very happy with OpenVZ other than the fact that it doesn't support Windows, only Linux.

I'd like to have VMWare Server 2.x installed, but it appears that OpenVZ changes the Kernel to, in my case, 2.6.18-194.3.1.el5.028stab069.6. The default kernel on my system is 2.6.18-194.3.1.el5.i386.

If I change grub to load 2.6.18-194.3.1.el5.i386, VMWare will work but OpenVZ will not. If I change grub to load 2.6.18-194.3.1.el5.028stab069.6, OpenVZ will work, but VMWare will not.

If I try to run /usr/bin/vmware-config.pl while in the 2.6.18-194.3.1.el5.028stab069.6 kernel, I get an error of:

None of the pre-built vmmon modules for VMware Server is suitable for your
running kernel. Do you want this program to try to build the vmmon module for
your system (you need to have a C compiler installed on your system)? [yes]

Using compiler "/usr/bin/gcc". Use environment variable CC to override.

What is the location of the directory of C header files that match your running
kernel? [/usr/src/linux/include]

So, to resolve this... I've ran the following commands and rebooted... did not resolve:

yum install ovzkernel-devel
yum install kernel-devel
yum install gcc gcc-c++ autoconf automake

Each of those installed, but did not resolve the issue.

I've ran the command:
rpm -qil kernel-devel-2.6.18-194.3.1.el5

which provided me a long list of files, but when I ran the following commands, I got:

[root@localhost ~]# rpm -qil kernel-devel-2.6.18-194.3.1.el5.i386
package kernel-devel-2.6.18-194.3.1.el5.i386 is not installed
[root@localhost ~]# rpm -qil kernel-devel-2.6.18-194.3.1.el5.028stab069.6
package kernel-devel-2.6.18-194.3.1.el5.028stab069.6 is not installed

I've also tried running:

yum install kernel-devel-2.6.18-194.3.1.el5.028stab069.6

which resulted in:

No package kernel-devel-2.6.18-194.3.1.el5.028stab069.6 available.

I'm so lost as what to do now... is there anyway I can compile both of the kernels together somehow? Thanks in advance for any information you might be able to provide me in regards to this issue!