

Re: Vmware/Xorg blues

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2008-06/msg00277.html>

- *From:* Manolis Kiagias <sonicy@xxxxxxxxxx>
 - *Date:* Thu, 05 Jun 2008 08:10:34 +0300
-

kevin kempter wrote:

On Jun 4, 2008, at 11:04 AM, Manolis Kiagias wrote:

kevin kempter wrote:

Hi All;

This seems to be more of a lib not found than a vm issue:

I've done this:

- 1) installed freeBSD 7 in vmware fusion (v 1.1.3)
- 2) selected to install vmware tools from the menu
- 3) logged into the console as root
- 4) mounted the vmware virtual cd
- 5) copied the vmware tools tar.gz file to /tmp
- 6) expanded the vmware tools tar.gz file in /tmp
- 7) cd to the new vmware-toold-distrib dir and ran
./vmware-install.pl

Then I get this:

Before running VMware Tools for the first time you need to configure it by invoking the following command:
"/usr/local/bin/vmware-config-tools.pl". Do you want this

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program to invoke the command for you now? [yes]

```
/usr/libexec/ld-elf.so.1: Shared object "lib.so.6" not found,  
required by "vmware-checkvm"
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This configuration program is to be executed in a virtual machine.

Execution aborted.

I also tried starting KDE and in a Konsole terminal window (as root) running `/usr/local/bin/vmware-config-tools.pl` and I get the same results

Anyone have any thoughts?

Thanks in advance...

Funny thing, I was doing the same steps today in vmware workstation ;) Had the same problems, and the following is the solution:

Install the `compat6x` port. Seems the vmware tools are for the 6.X version of FreeBSD, not native 7.

As root:

```
cd /usr/ports/misc/compat6x
```

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```
make install clean
```

Also, create the following symbolic link (This is where vmware searches for the library):

```
ln -s /usr/local/lib/compat/libc.so.6 /lib
```

Thanks for the advice, this allowed me to install the vmware tools.

I had the vm in such a state that I thought it best to start from scratch, so I did the following:

- 1) installed freeBSD7 into a new VM
- 2) Followed the steps above to install the compat6x lib and created the link to /lib
- 3) installed the vmware-tools
- 4) ran the vmware-config (/usr/local/bin/vmware-config-tools.pl)
- 5) installed kde via pkg_add -r kde
- 6) created a .xinitrc for root like this:
echo "exec startkde" > ~/.xinitrc
- 7) tried to start kde by running startx and I get an error that the driver "vmware" in the xorg config file does not exist.

I've attached the log from my attempt to start kde (Xorg.0.log) – from /var/log and my xorg.conf file (from /etc/X11)

Thanks in advance for any help...

/Kevin

Ok, the xorg-vmware driver is not by default selected to be built in the xorg port, and as the pre-built packages use the default options, you are simply trying to use a driver you have not installed. As the vmware driver does not seem to exist as a package, compile it from ports:

```
cd /usr/ports/x11-drivers/xf86-video-vmware  
make install clean
```

And you should be on your way.

However I would suggest you create (and possibly edit) your own xorg.conf file:

```
X -configure
```

(This make get you a blank screen on vmware, it does it to me everytime, in this case just ssh in from somewhere else and reboot the machine, or press CTRL+ALT+BACKSPACE and blindly type 'reboot')

Test your settings with

```
X -configure /root/xorg.conf.new
```

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Edit the file and make any necessary changes, and move it to the final location:

```
mv /root/xorg.conf.new /etc/X11/xorg.conf
```

You can get more info on all the above in the X11 chapter of the FreeBSD Handbook, in the configuration section:

http://www.freebsd.org/doc/en_US.ISO8859-1/books/handbook/x-config.html

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