

# Enable 3D HW acceleration on VMWare Workstation 10 on Ubuntu 14.04

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 [askubuntu.com/questions/537787/enable-3d-hw-acceleration-on-vmware-workstation-10-on-ubuntu-14-04](http://askubuntu.com/questions/537787/enable-3d-hw-acceleration-on-vmware-workstation-10-on-ubuntu-14-04)

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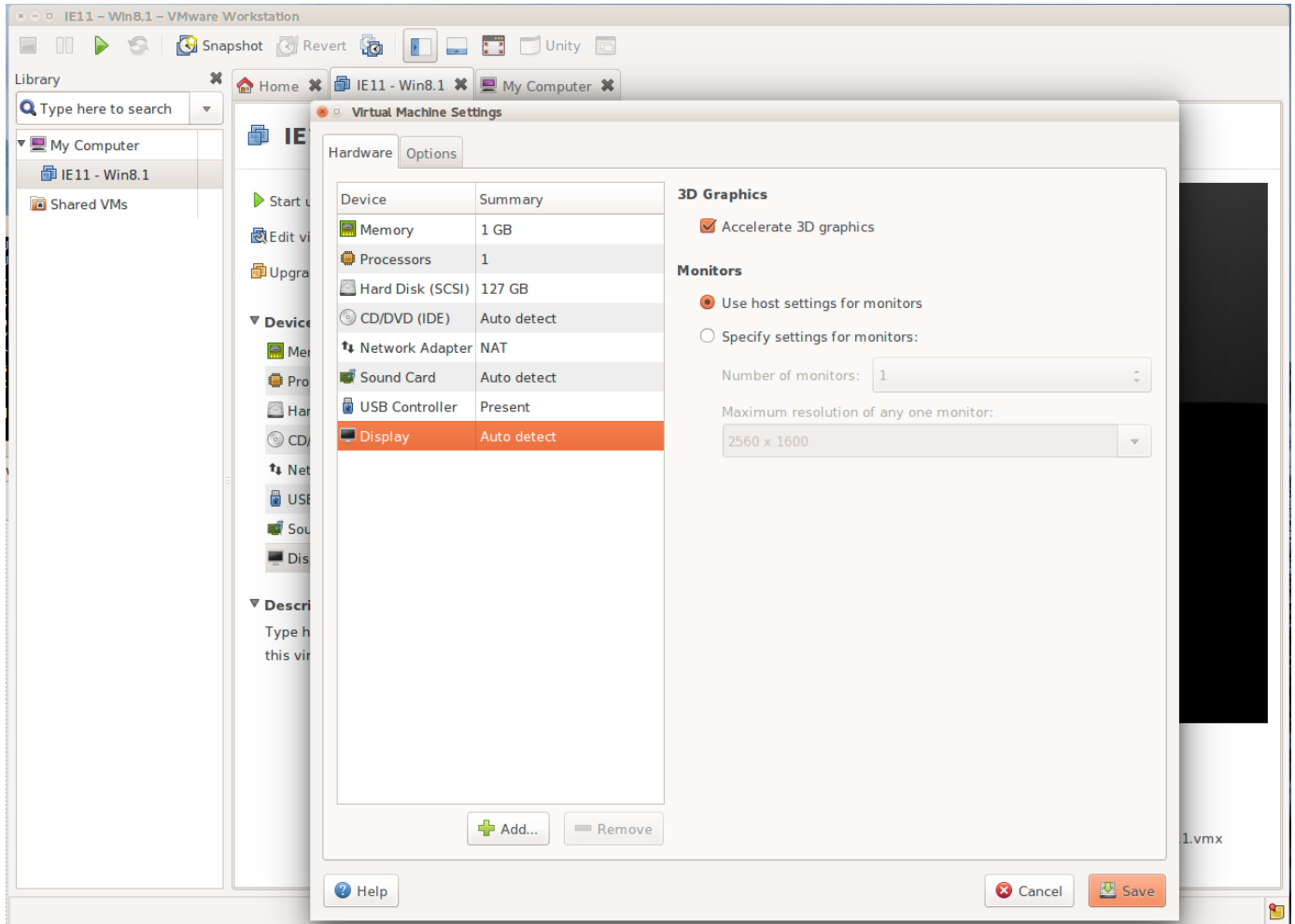
I am trying to enable hardware accelerated 3D graphics in a Win 8.1 VM in VMware Workstation 10.0.3 on Ubuntu 14.04.1 LTS (Trusty Tahr) to play the game Smite smoothly. I have checked that the HW acceleration works in Ubuntu:

```
$ /usr/lib/nux/unity_support_test -p
OpenGL vendor string: Intel Open Source Technology Center
OpenGL renderer string: Mesa DRI Intel(R) Haswell Mobile
OpenGL version string: 3.0 Mesa 10.2.2
```

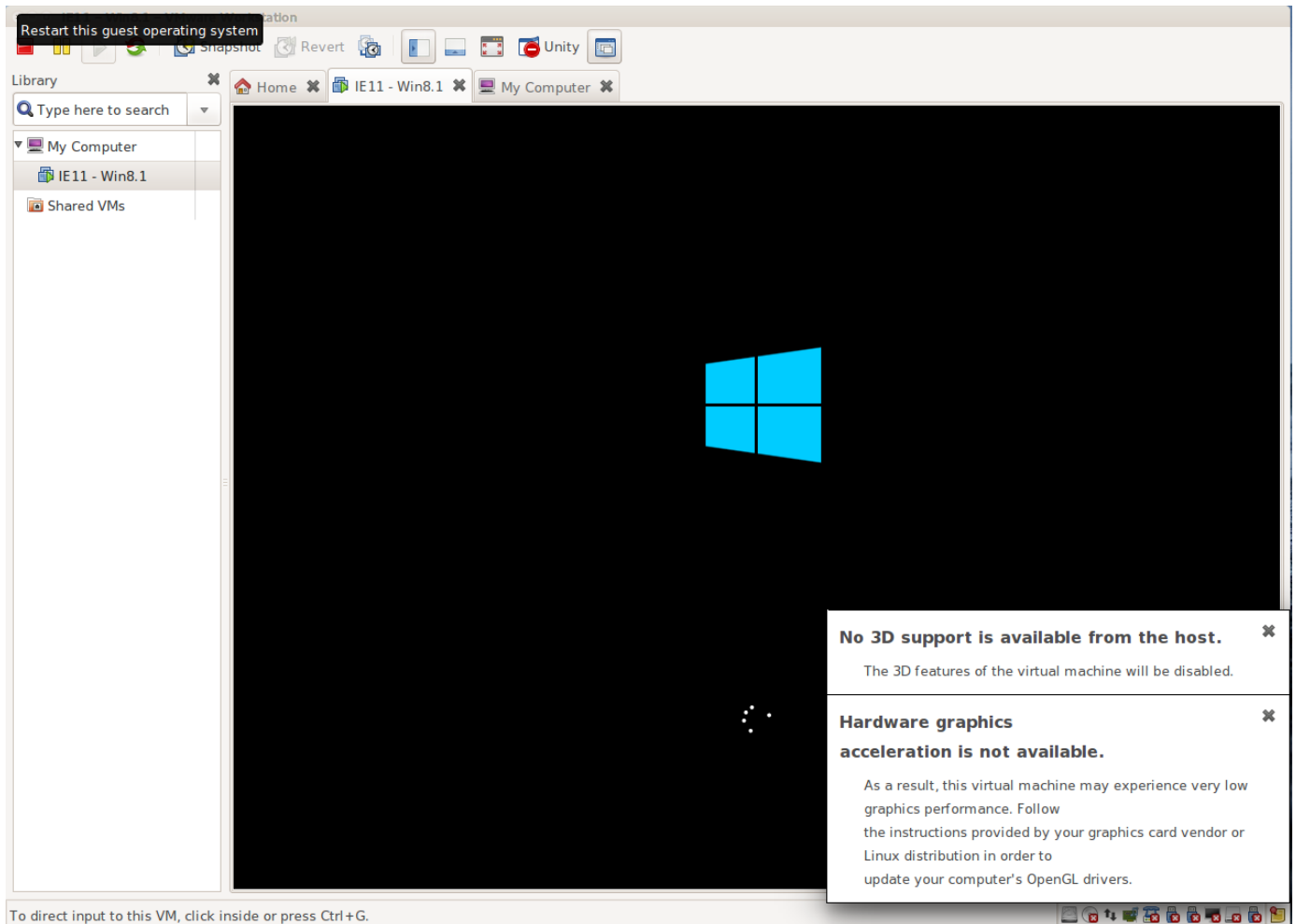
```
Not software rendered: yes
Not blacklisted:      yes
GLX fbconfig:         yes
GLX texture from pixmap: yes
GL npot or rect textures: yes
GL vertex program:    yes
GL fragment program:  yes
GL vertex buffer object: yes
GL framebuffer object: yes
GL version is 1.4+:   yes
```

```
Unity 3D supported:   yes
```

In VMware Workstation, on the VM under "Virtual Machine Settings" -> "Display" -> "Accelerate 3D Graphics" is checked.



But while booting the VM, it says "No 3D support is available from the host".



How comes VMware does not detect HW 3D acceleration? How can I fix this?

Thanks!

asked Oct 16 '14 at 13:13



Siemen  
318134

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Edit the file `~/vmware/preferences` and look for a line that starts with `mks.gl.allowBlacklistedDrivers`, if it is not present - you can add it into the file.

This should be changed to `mks.gl.allowBlacklistedDrivers = "TRUE"`  
(note the double quotes around TRUE)

answered Oct 16 '14 at 15:47



Charles Green  
14.4k73960

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Add `mks.gl.allowBlacklistedDrivers = "TRUE"` in the .vmx file.

It has worked for Linux Mint Cinnamon as host with kernel 3.16 and Debian 8.2 Cinnamon as guest.

answered Dec 3 '15 at 21:45



Amandeep Dhindsa  
13112

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For me, I had to add `mks.gl.allowBlacklistedDrivers = "TRUE"` to my virtual machine (.vmx) file

answered Dec 1 '17 at 18:21




BXL  
7815

## Your Answer

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