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(no subject)

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Draft

Sat, Oct 13, 2018 at 4:52 PM

Problem with andromeda machine - always stuck?

Hi I wonder if anyone has the same problem with Andromeda - every time I leave the VM and switch back to windows for other things it will be "inactive", as the shell doesn't respond to my command anymore. I really don't want to kill the process and restart it every five minutes. It would be very helpful if anyone knows how to fix that.

Btw - I was using VPN and ssh to connect to Andromeda.

Question: can we just install Qemu on our Virtual Machine and skip the Andromeda machine? Is there a specific gcc version that we need to use?

Thanks in advance!

hw1

[edit](#)[good question](#) | 0

Updated 1 day ago by

the instructors' answer, *where instructors collectively construct a single answer*

Which andromeda machine are you using? I.e., andromeda-12 seems to be very sluggish because of us (if people left vagrant VMs or QEMUs running), or because of something else... lets debug.

Anton

[edit](#)[good answer](#) | 0

Updated 6 hours ago by Anton Burtsev

followup discussions *for lingering questions and comments*☒ Resolved☐ Unresolved**Anonymous** 1 hour ago

I used andromeda machine #17, but also tried other ones. It just got stuck each time if I don't use it for several minutes..same thing with openlab machines too, so it might be problem with my Internet/laptop? But it worked fine when I ssh to the machines in campus.

**Aftab Hussain** 1 hour ago For accessing the ICS machines off-campus, you would need to setup a VPN. The instructions here tell you how to do that,<https://www.oit.uci.edu/help/vpn/>**Anonymous** 1 hour ago I wouldn't be able to connect to the ICS machines without setting up the VPN. I did use it to ssh to the ICS machines.



Aftab Hussain 36 minutes ago Sorry, I just saw the main post, and realized you are already using VPN..



Ok, so this is what it looks like...I think you are getting disconnected and it does happen. I suggest you use a good terminal session management tool like tmux in andromeda. It allows you to switch back to the session you were in right before disconnection. All you have to do is log in and do

```
$tmux attach-session <your-session-id>
```

That way, you don't have to redo everything.

Plenty of resources out there on tmux.. here's a useful list on tmux commands: <https://gist.github.com/MohamedAlaa/2961058>

"can we just install Qemu on our Virtual Machine and skip the Andromeda machine?"
Sure.

"Is there a specific gcc version that we need to use?"

Not really. I use 5.4, and it works fine with most programs I compile. The latest is 7.3. You could update to the newest version if you like.



Anonymous 2 minutes ago Thank you very much for your help! I'm trying tmux now

