

Search entries or author...

All



Sort

View Split Screen


**Yuhan Hou** (<https://q.utoronto.ca/courses/356425/users/204801>) AUTHOR | TA

Sep 18 9:20pm

## VNC connection

Hi all,

I received several emails these days related to the VNC connection issue. Here are two easier ways to access ug machine via VNC, which apply to both Windows and Mac IOS systems. I hope this can help.

### Method1:

1. Open the terminal on your PC. Type "ssh <your utoid>@ugxx.eecg.toronto.edu"
2. Enter the password (which in default should be your student number)
3. Now, you are on ug machine. Type "vncserver -list" to check if there's a vnc session opened on this ug machine.
4. If there's a vnc session in the list, skip this step. If the list is empty, type "vncserver -localhost no". Now, you create a VNC session.
5. Open a **new** terminal window, type: ssh -L 5901:127.0.0.1:5901 <your utoid>@ugxx.eecg.toronto.edu
6. Enter the password to log into ug machine.
7. Now, everything should be set. Open any VNC software you have on your PC (tigervnc, realvnc, ... whatever), connect to **127.0.0.1:1**, then you should be in.
8. **\* Never close the second terminal window when you are using VNC, otherwise you will lose the connection.**

```

Microsoft Windows [Version 10.0.19045.4804]
(c) Microsoft Corporation. All rights reserved.

C:\Users\yuhansh>ssh yuhansh@ug140.eecg.toronto.edu
yuhansh@ug140.eecg.toronto.edu's password:
Linux ug140 6.1.0-25-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.106-3 (2024-08-26) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Wed Sep 18 20:46:00 2024 from bras-base-toroon0268w-grc-54-70-55-18-187.dsl.bell.ca
ug140~# vncserver -list

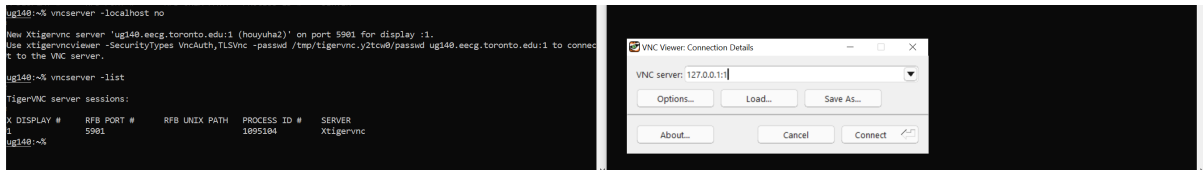
vncserver sessions:

Microsoft Windows [Version 10.0.19045.4804]
(c) Microsoft Corporation. All rights reserved.

C:\Users\yuhansh>ssh -L 5901:127.0.0.1:5901 yuhansh@ug140.eecg.toronto.edu
yuhansh@ug140.eecg.toronto.edu's password:
Linux ug140 6.1.0-25-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.106-3 (2024-08-26) x86_64

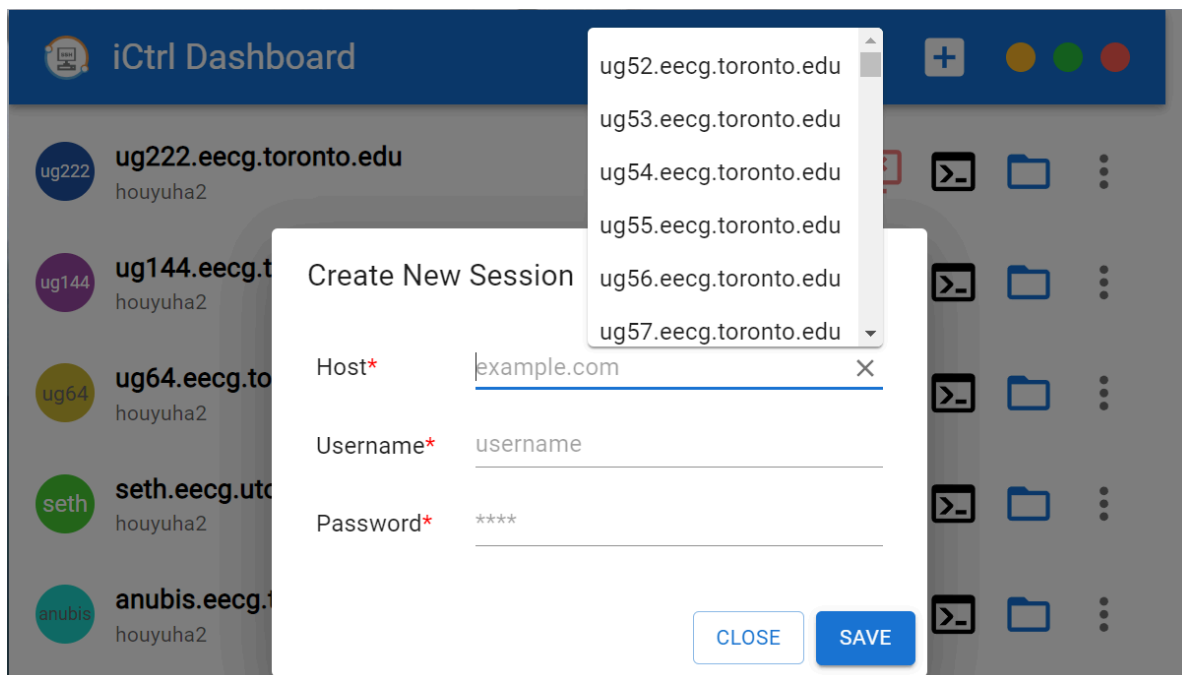
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Wed Sep 18 20:48:21 2024 from bras-base-toroon0268w-grc-54-70-55-18-187.dsl.bell.ca
ug140~#
  
```



## Method2 (not always stable but easier):

1. Download iCtrl APP from <https://github.com/junhaoliao/iCtrl> (designed by a group of students at UofT)
2. Add a section by choosing any ug machine you want to connect. Enter your utoid and password (default should be student number).
3. Click save, and then the selected session should be shown in the dashboard. Double-click the session to connect.



If you still have any more issues, please attend the tutorial tomorrow.

Yuhan

This topic is closed for comments.