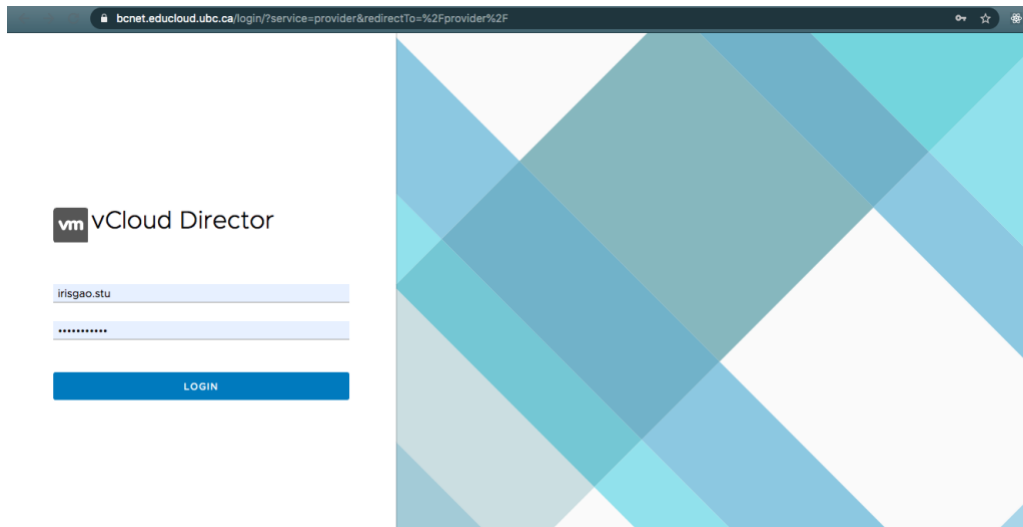


Craiglist Project: How to Access the VM and Start the Scraper

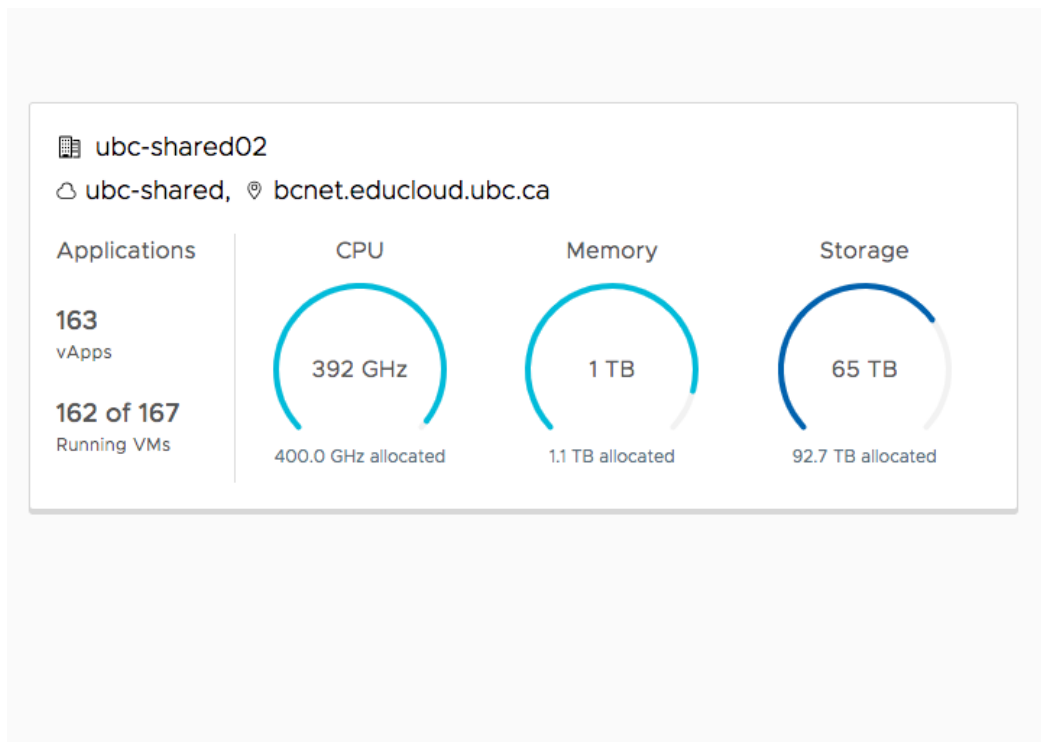
Alternative 1: Log in through web portal

Steps:

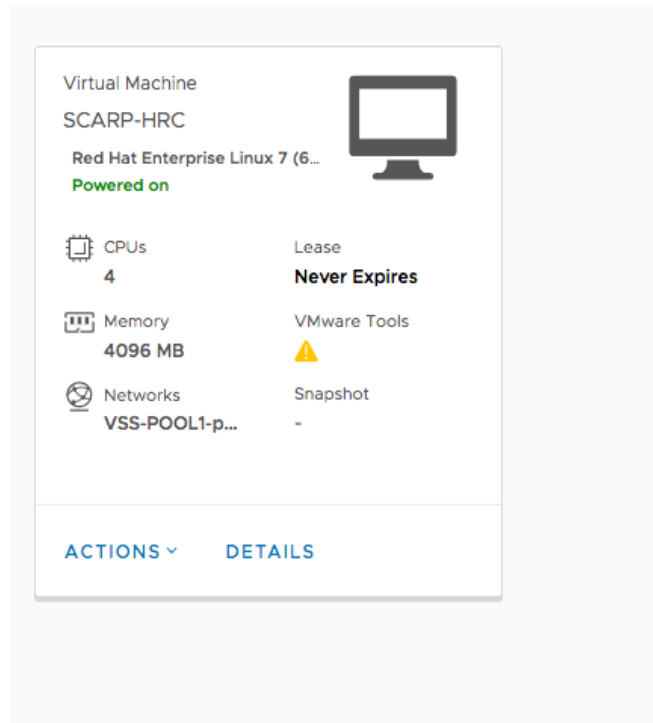
1. In your browser, open <https://bcnet.educloud.ubc.ca/login/?service=provider&redirectTo=%2Fprovider%2F> and log in with your UBC credentials.



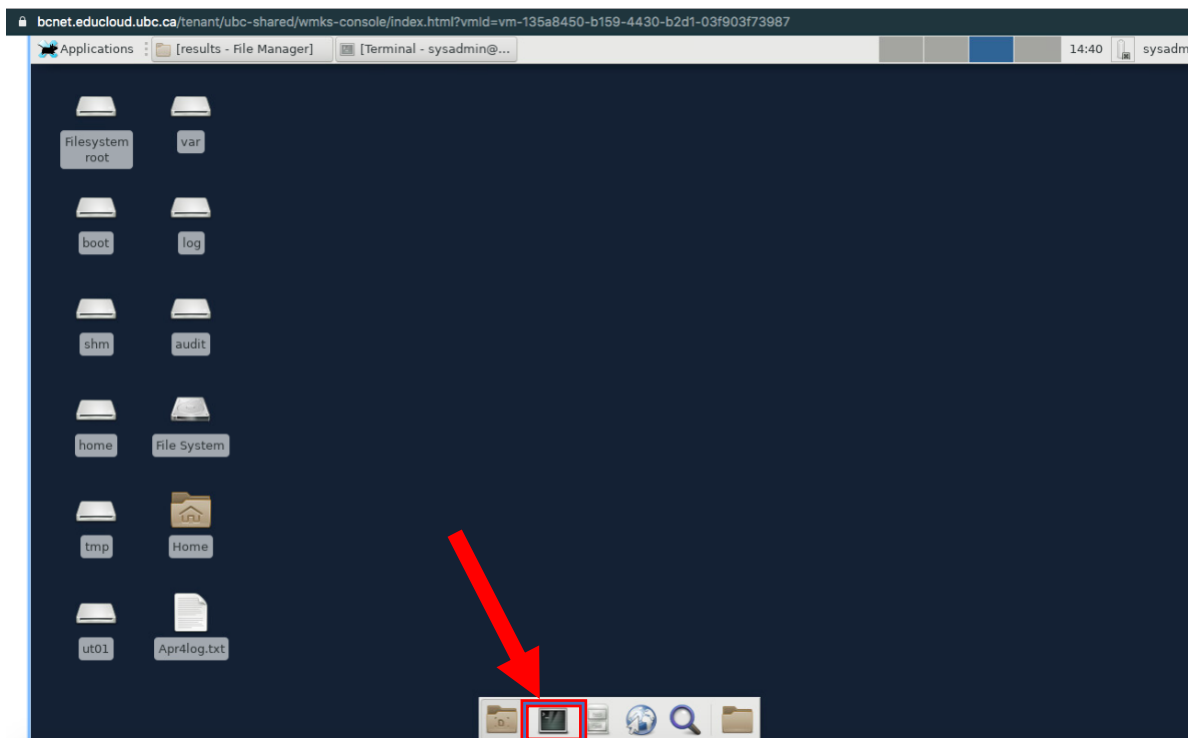
2. Choose the designated VM as shown below:



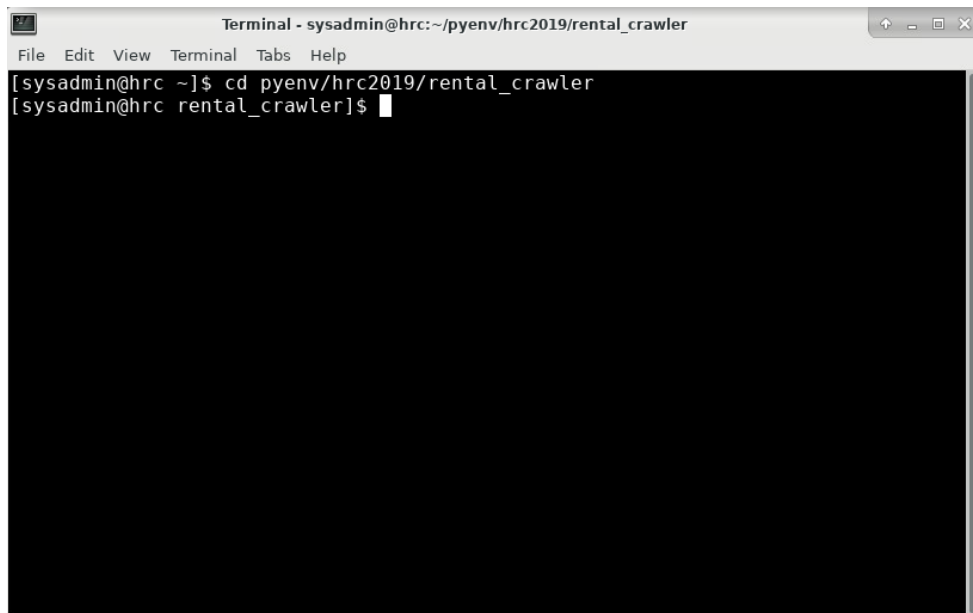
3. Click on the computer icon to launch the session



4. Once you are in the VM session, launch the terminal window by clicking:

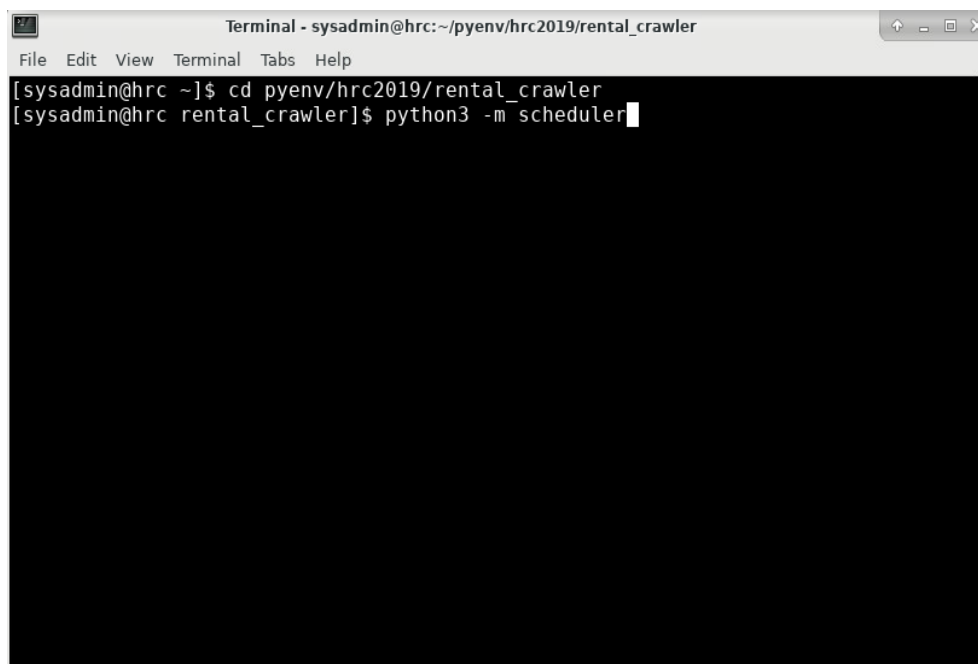


5. To access the code directory, type in the following command and press enter:



```
Terminal - sysadmin@hrc:~/pyenv/hrc2019/rental_crawler
File Edit View Terminal Tabs Help
[sysadmin@hrc ~]$ cd pyenv/hrc2019/rental_crawler
[sysadmin@hrc rental_crawler]$
```

6. Type in the following command and enter to run the scraper:

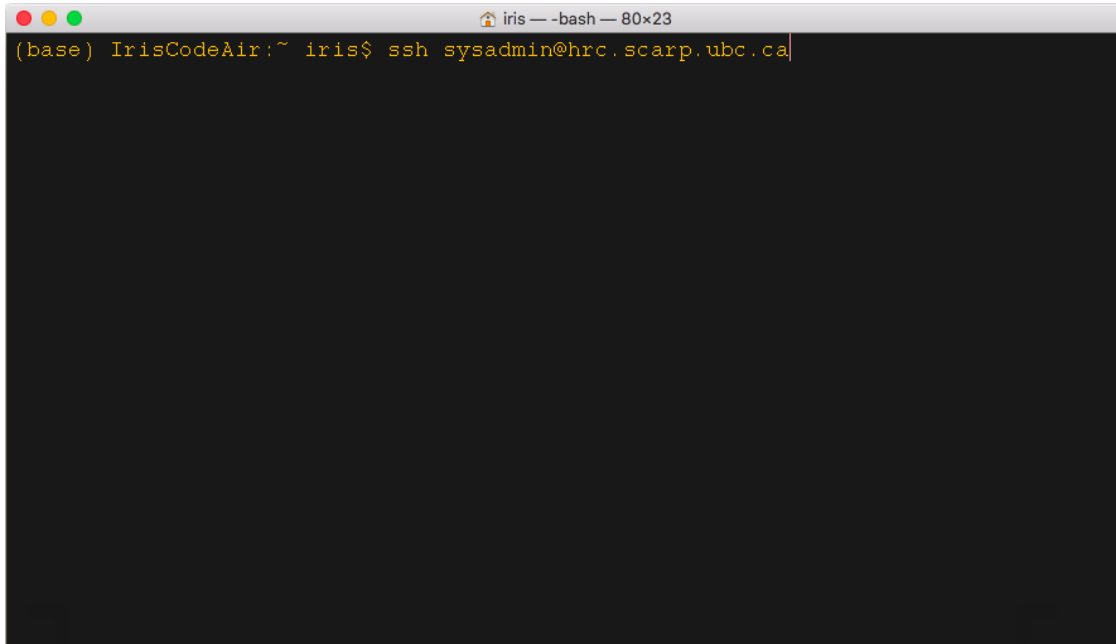


```
Terminal - sysadmin@hrc:~/pyenv/hrc2019/rental_crawler
File Edit View Terminal Tabs Help
[sysadmin@hrc ~]$ cd pyenv/hrc2019/rental_crawler
[sysadmin@hrc rental_crawler]$ python3 -m scheduler
```

Alternative 2: Log in through SSH

Steps:

1. You have to be physically on UBC campus and connect to the UBCsecure network
2. Once you are under UBCsecure, launch the terminal, type in the following command and press enter:

A screenshot of a terminal window. The title bar at the top shows a home icon, the text 'iris', and a window control icon, followed by '-bash' and '80x23'. The terminal content shows a prompt '(base) IrisCodeAir:~' followed by the command 'iris\$ ssh sysadmin@hrc.scarp.ubc.ca' being entered. The cursor is at the end of the command line.

```
iris — -bash — 80x23
(base) IrisCodeAir:~ iris$ ssh sysadmin@hrc.scarp.ubc.ca
```

3. Put in the password next and press enter.
4. Once you are on the VM as 'sysadmin', follow step 5,6 from the previous section.