Kypo Cyber Range Training Website Access User Manual

This manual is used to guide user using different type OS to access the Kypo training website. Each user will be assigned a Kypo user name and password for the website access.

Assume you have one Kypo username and password:

```
name: user-1
password: XtwrK48WTz
```

MacOS User

Step 1: Install sshuttle (mini-VPN)

```
sudo port selfupdate
sudo port install sshuttle
```

Step 2: Connect to Kypo-Cluster with sshuttle

- Open mac terminal and run below cmd to connect to the Kypo-Cluster subnet:

-
  ```
  sshuttle -r kypoCustomer@172.18.178.6 192.168.200.0/24

  password:P@ssw0rd
  ```

```
yc@yc-OptiPlex-7040:~$ sshuttle -r ncl@172.18.178.6 192.168.200.0/24
[local sudo] Password:
ncl@172.18.178.6's password:
assembler.py:3: DeprecationWarning: the imp module is deprecated in favour of im
portlib; see the module's documentation for alternative uses
client: Connected.
```

Step 3: Access Kypo website

- Open the browser and access the training website with url : https://192.168.200.207
- Click the login and type in the Kypo username and password as shown below:

Linux(Ubuntu) User

Step 1: Install sshuttle (VPN)

```
sudo apt-get update
sudo apt-get install sshuttle
```

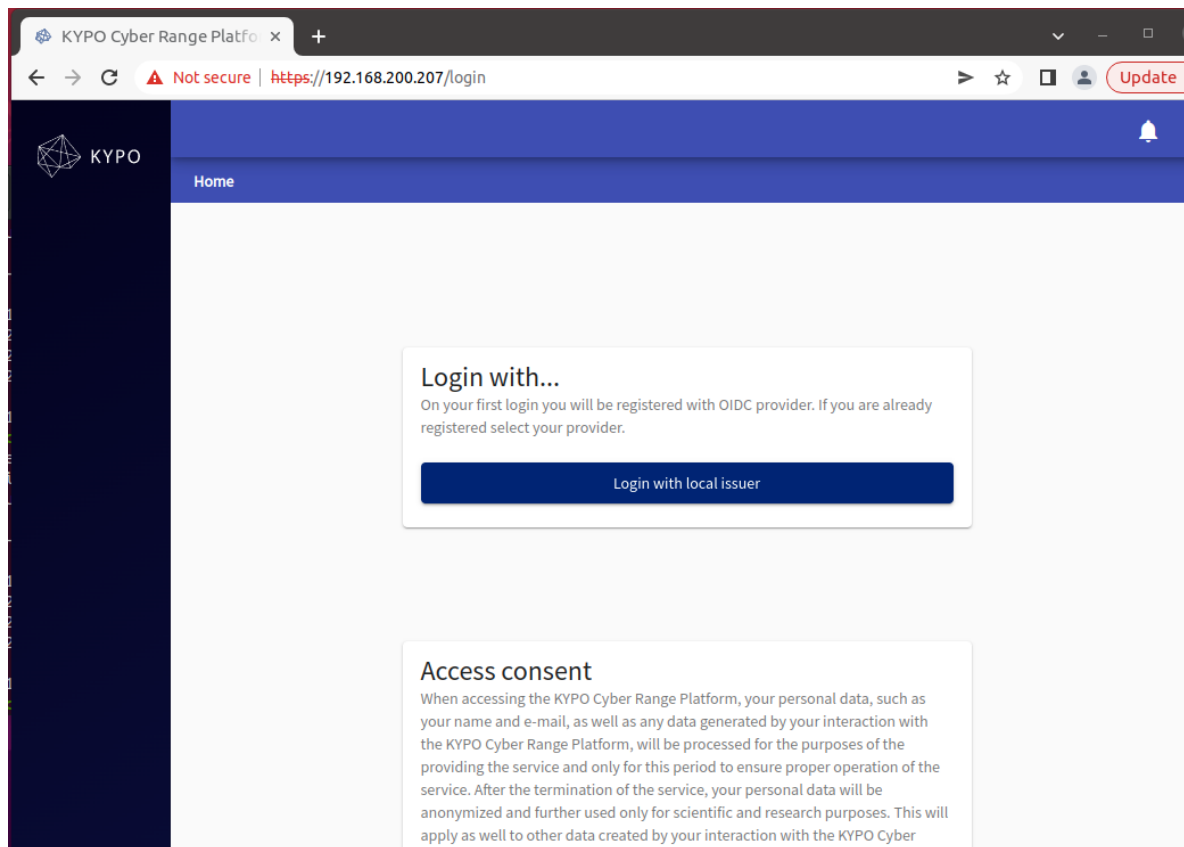**Step 2: Connect to Kypo-cluster with sshuttle**

- Open terminal and run cmd to connect to the Kypo-Cluster subnet:

-
  ```
  sshuttle -r kypoCustomer@172.18.178.6 192.168.200.0/24

  password:P@ssw0rd
  ```
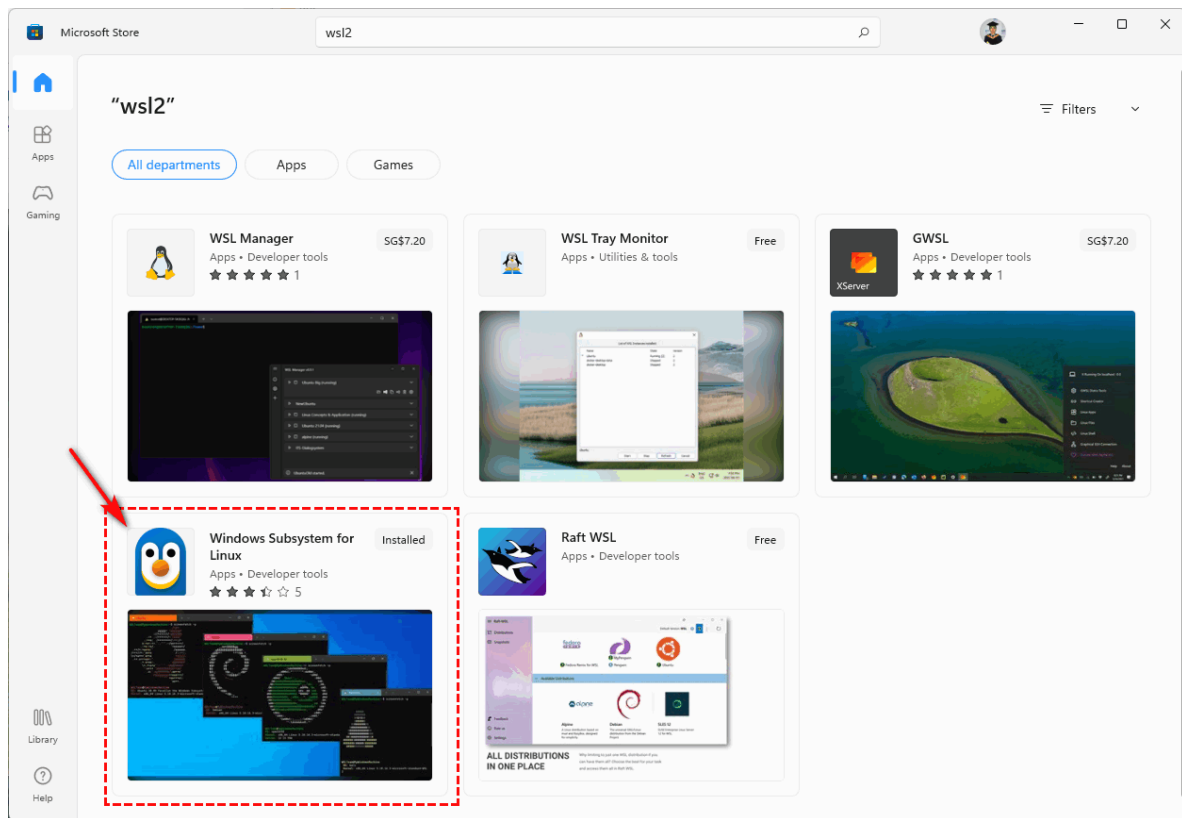
Step 3: Access Kypo website

- Open the browser and access the training website with url : https://192.168.200.207
- Click the login and type in the Kypo username and password as shown below:
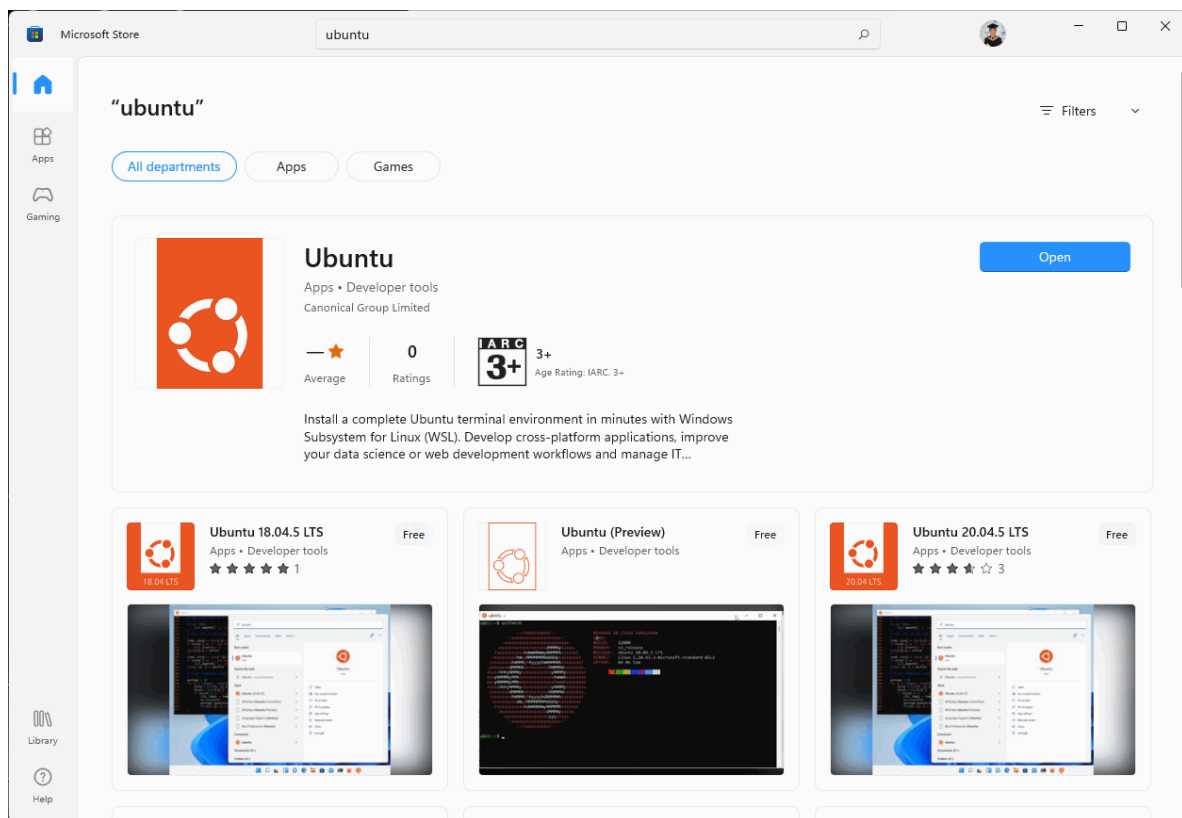
Windows 10/11 User

Step 1: Install the Windows Subsystem for Linux (WSL2)

- Open Microsoft Store and type in "`wsl2`".
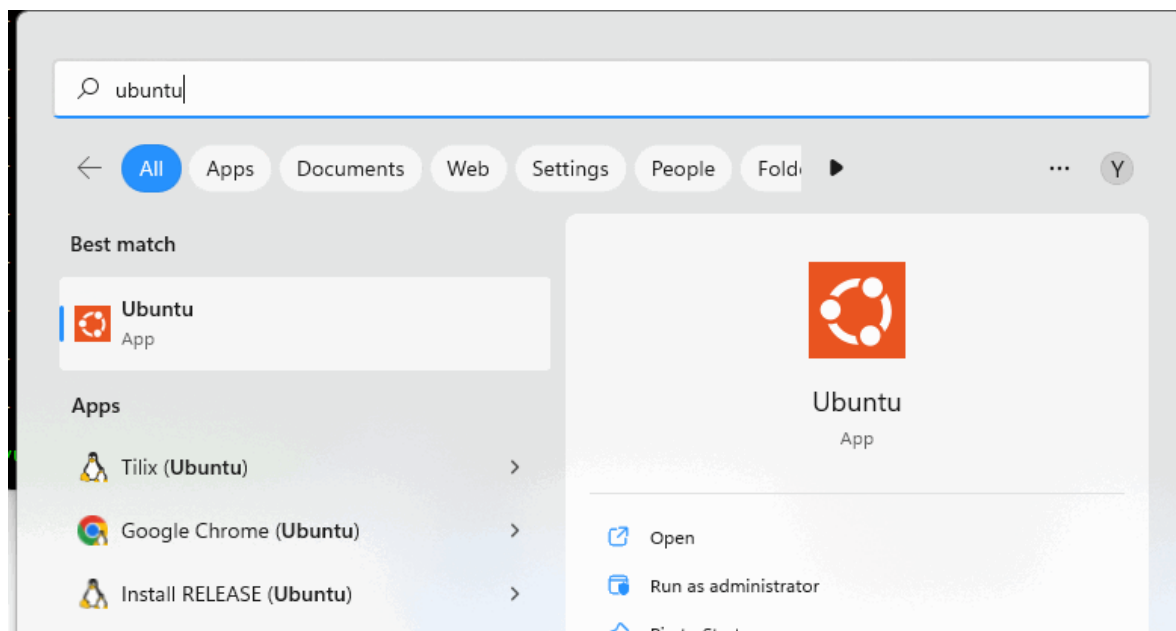- Install the MS-Windows Subsystem for Linux App as shown below:

Step 2: Install the Ubuntu in WLS2

- Open Microsoft Store and type in "`ubuntu`", then install the app as shown below:

Run the WSL Ubuntu from your Windows start menu :

Finish setup the user account based on this link: https://ubuntu.com/tutorials/install-ubuntu-on-wsl2-on-windows-10#1-overview

Step 3: Install and run the sshuttle in the WSL-Ubuntu

In the WSL-Ubuntu terminal run below cmds:

```
sudo apt update
sudo apt install sshuttle
```

After installed the sshuttle run the cmd to connect to the Kypo-Cluster subnet:

```
sshuttle -r kypoCustomer@172.18.178.6 192.168.200.0/24

password:P@ssw0rd
```

When the below message shows, means the WSL-Ubuntu has joined in the subnet:
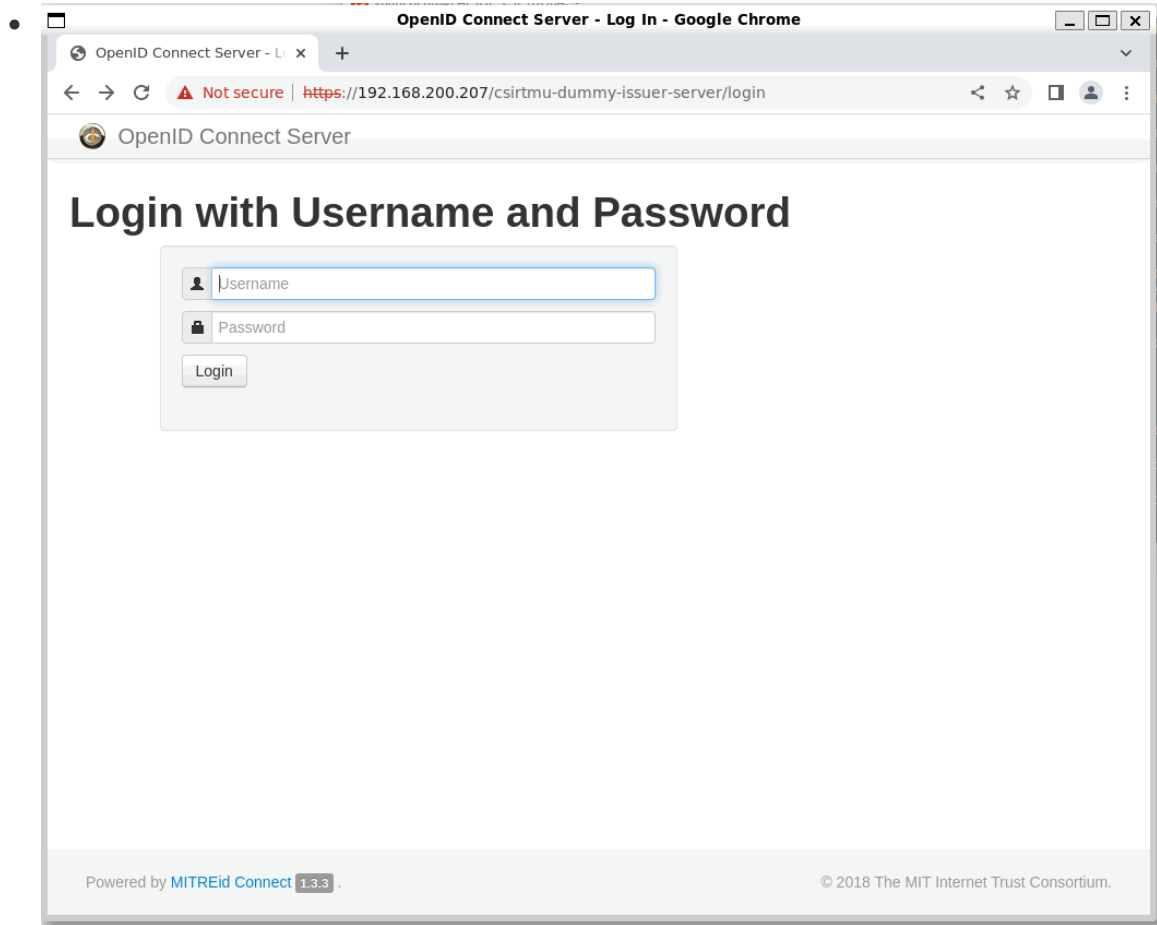

Step 4: Install Google Chrome in WSL-Ubuntu

- Open a new WSL-Ubuntu terminal an run cmd :

```
wget https://dl.google.com/linux/direct/google-chrome-stable_current_amd64.deb

sudo apt install ./google-chrome-stable_current_amd64.deb
```

- Run Google chrome with below cmd :

- ```
  google-chrome
  ```

- Then type in the url https://192.168.200.207 in the pop browser and login with your Kypo username and password at the beginning:

Reference Links

- https://ubuntu.com/tutorials/install-ubuntu-on-wsl2-on-windows-10#1-overview
- https://github.com/sshuttle/sshuttle