

Use SSH to connect to Lab

1. Start NUS VPN
2. IP table:

Machine	System version	User name	Password	NUS IP	Lab IP
Laptop 1	Ubuntu 16.04	vec	666888	172.27.94.31	192.168.1.122
Laptop 2	Ubuntu 16.04	vec	666888	172.27.84.136	192.168.1.125
Blue PC 1	Ubuntu 16.04	vec	666888	172.27.104.197	-
Red PC	Ubuntu 20.04	vec	666888	-	192.168.1.117
RPi 1	Ubuntu 20.04	ubuntu	raspberry	-	192.168.1.119
RPi 2	Ubuntu 20.04	ubuntu	raspberry	-	192.168.1.121
RPi 3	Ubuntu 20.04	ubuntu	raspberry	-	192.168.1.124

3. SSH

```
# Connect to laptop 1
$ ssh vec@172.27.94.31

# Connect to laptop 2
$ ssh vec@172.27.84.136

# Connect to blue PC
$ ssh vec@172.27.104.197
```

Git command

Download the code

```
$ git clone git@github.com:Observe-l/VEC.git
```

Update to latest version (No local changes)

```
$ git pull --rebase
```

Update to latest version (With local changes)

```
# Want to keep changes
# Submit the changes before update
$ git add .
$ git commit -am "<Make a brief comment here>"
$ git pull --rebase

# Discard all the changes
$ git add .
$ git reset --hard HEAD
$ git pull --rebase
```

Upload your code to github

```
$ git add .
$ git commit -am "<Make a brief comment here>"
$ git pull --rebase
$ git push origin HEAD:master
```