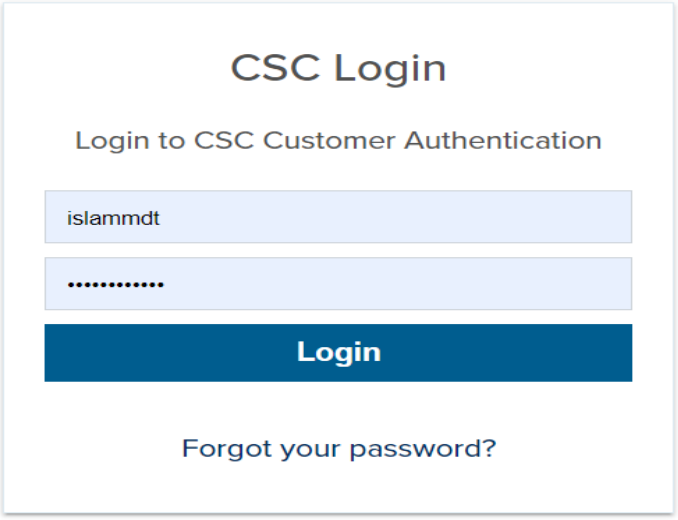
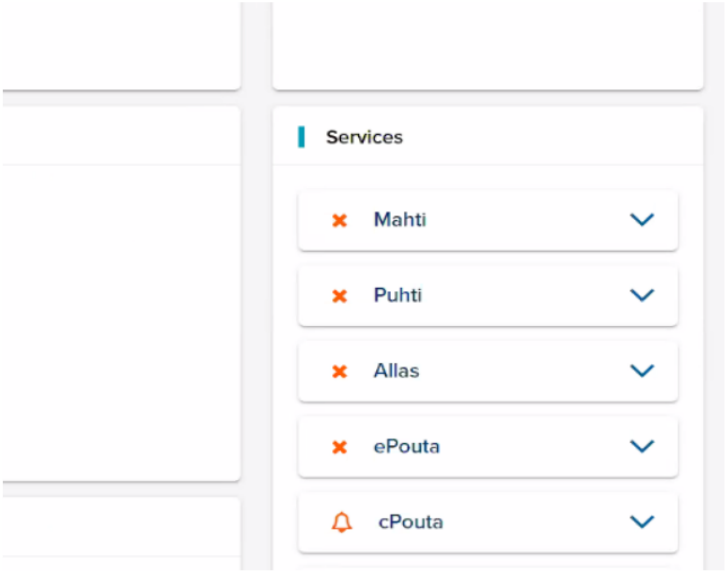
Name: Md Touhidul Islam	Server technology part 2	Topic : Virtual machine setup to CSC Pouta Cloud.
Date: 04/302021		

1. First, we create an account to link: https://my.csc.fi. And do login with this user name and password.



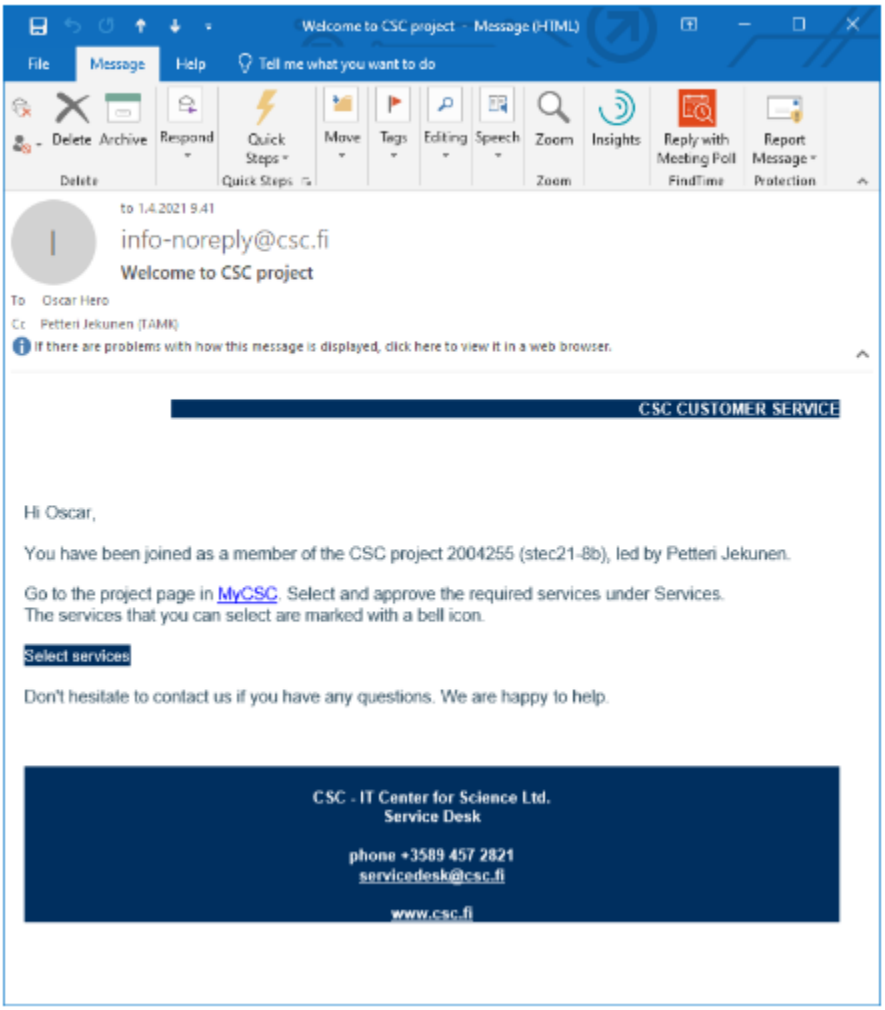
2. After doing this account teacher added us to the project and give access to cPouta.

In the My CSC page open the project that you are in and click the cPouta (with bell icon) and accept the end user terms.

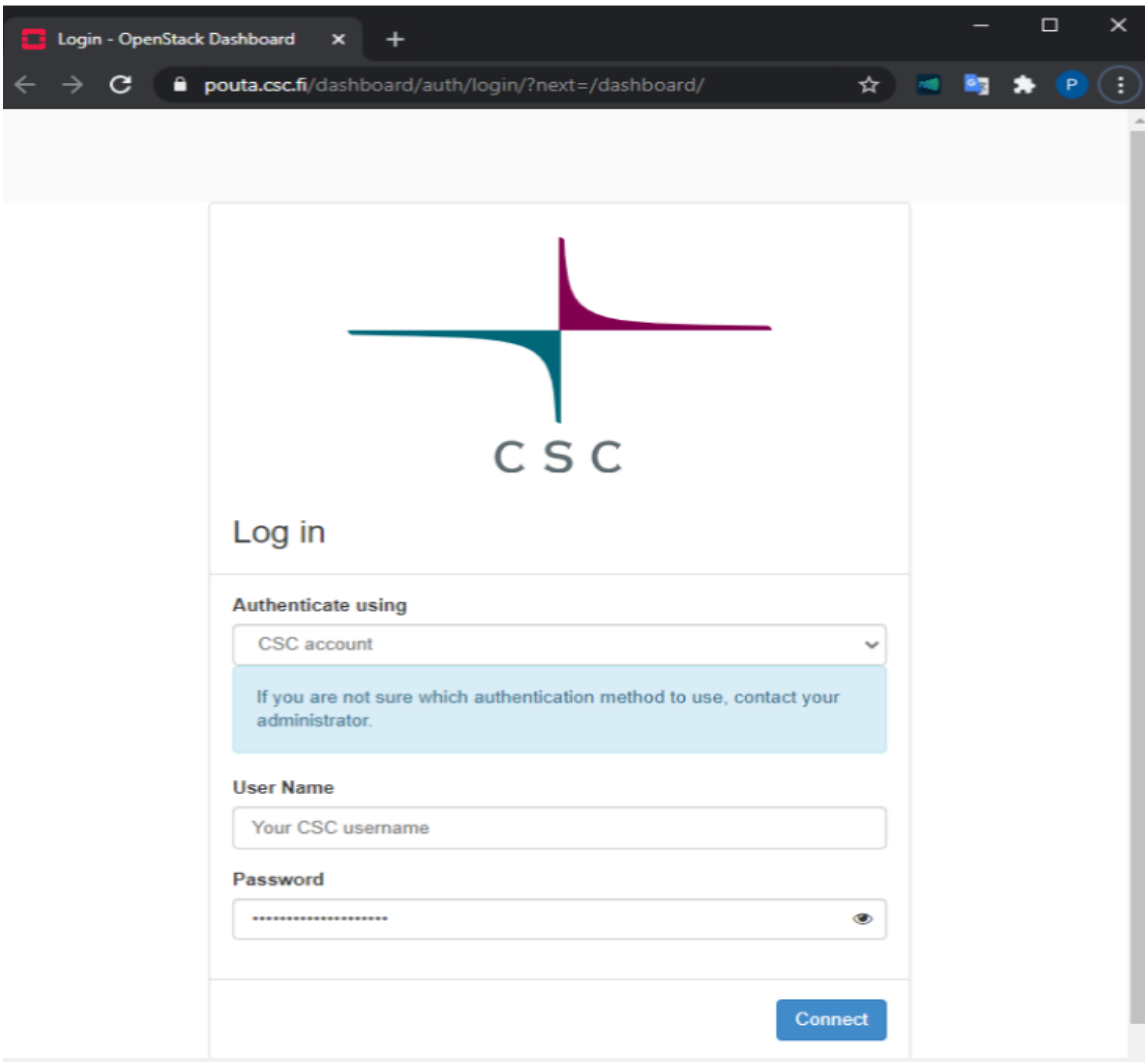


3. When project manager gives us access to the project, we get a mail. See below.

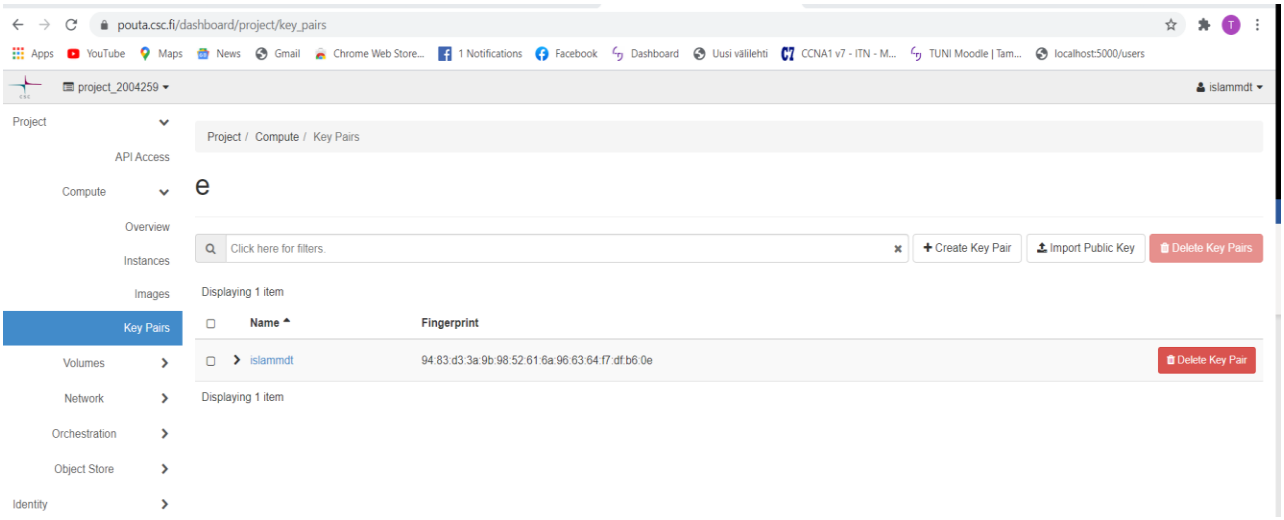
You might have received mail about this as well:



4. Accessing the Pouta Dashboard, we have to login link: https://pouta.csc.fi using CSC account .

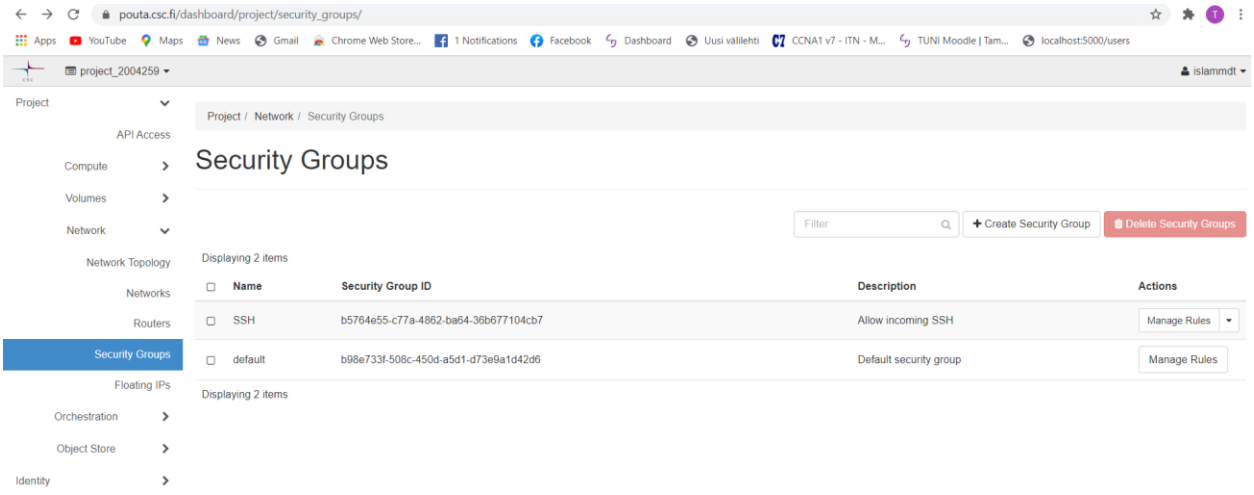


5. Launching a virtual machine in the cPouta web interface. We import public key for linux.

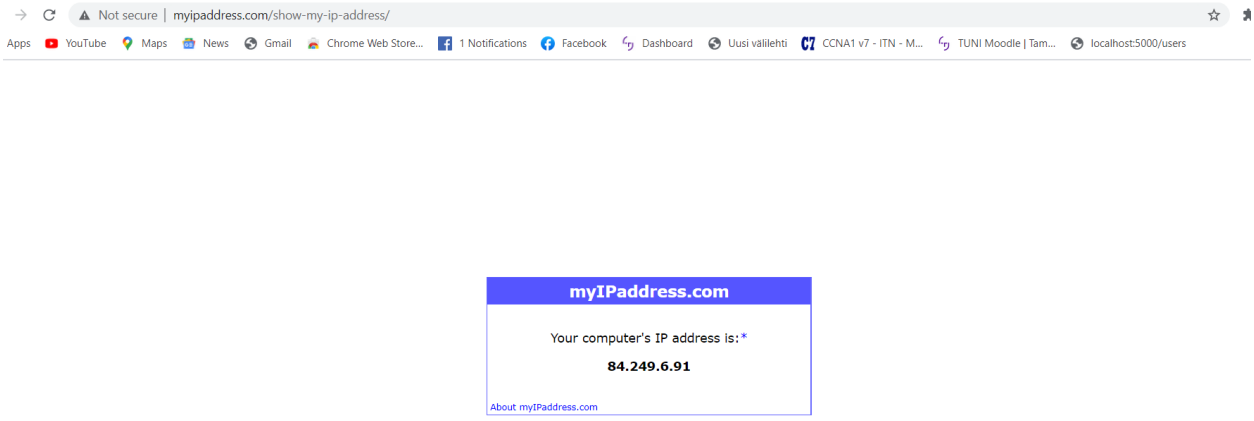


Public key file: id_rsa.pub.
Public key is: ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAABgQC3F/XzggCpuir0tRJi1zw06CzkW7eMZDy9NwbYytO7k8Q
Nc68STxFFET0TnKewM4fojNHrOnKEjikxKxYHpocQTIl2/skpgbshqFPq1ILRTWbkl1jgGXN/5U4SE9P
OC2oDUv2ekC38ii62uS65GUFpIdRAwRo9FuB9RJ6jWx3PgXj0IjWKVZMmMAsOPiq+PERdwhd7UR
JVKaovCsUMzq92PNyZsFHEed8Q0E9wuuHYcED6xMi9/KawNzMSu4pe5T5J2ZQjnzG3ao41Mw6p
226WbZCPwrD99fts5iaWAB4hTGs1FGAj9AQ6GKOSfTriDPQwB+faQWiZTXkVcgJp6+BKnOFFzVTO
nfknlG0xmX4UlLwwYME0M+Lzplns08tKBN/N1t9b+HXlmWhEy2WN4PsOxJKsElOZN+rtLL6pEoJrd
N3sk2IHdTR+Op6/fwfMS7sajhi0TduNz5NR8RxSEu24oZ5rtvUCCD9CmQe/3jxU5QRvuT3Butjij4nB
h0/0PJE= robin12@Touhidul

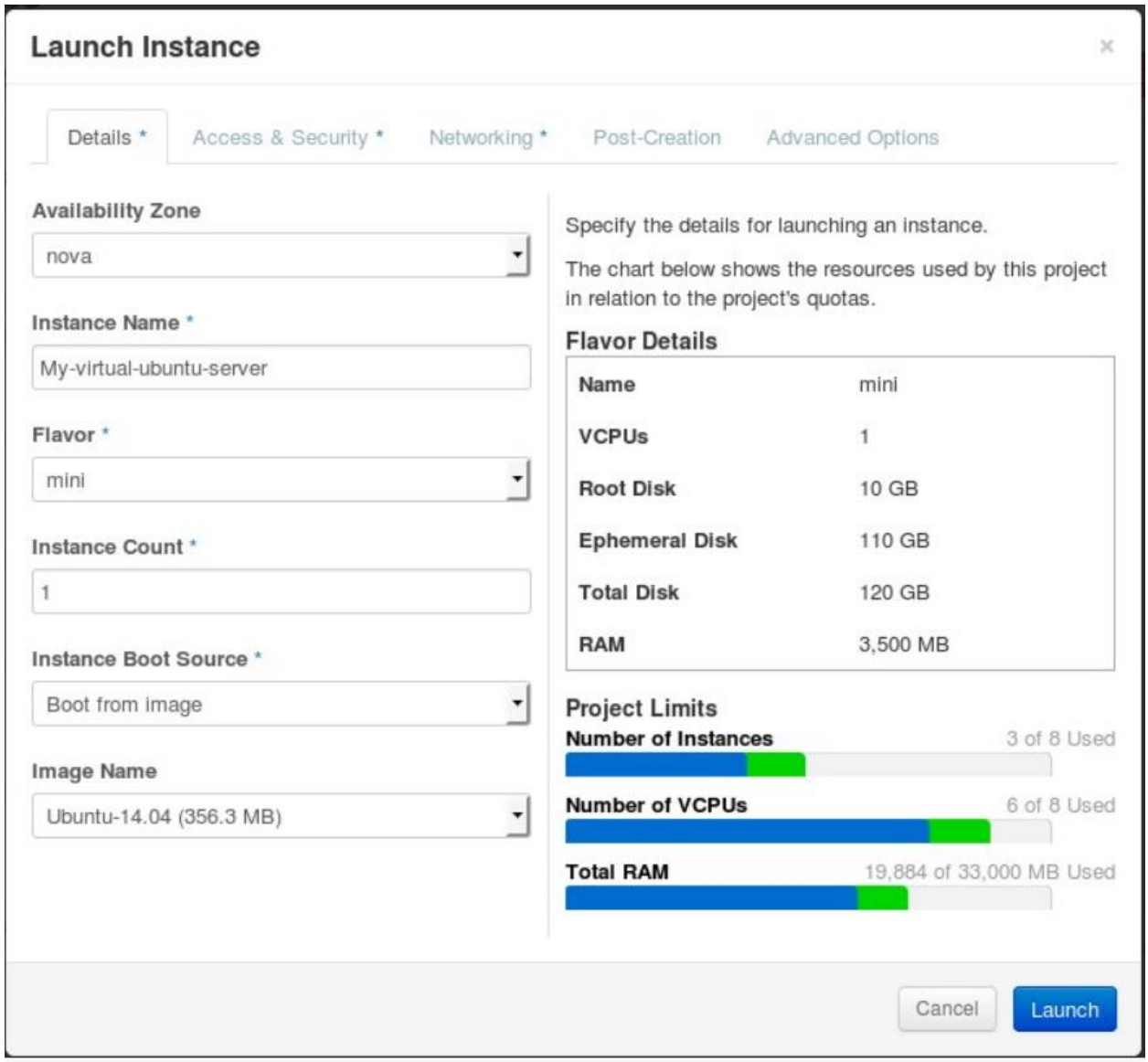
8. Now must add security group. We have added security group that's name is SSH.



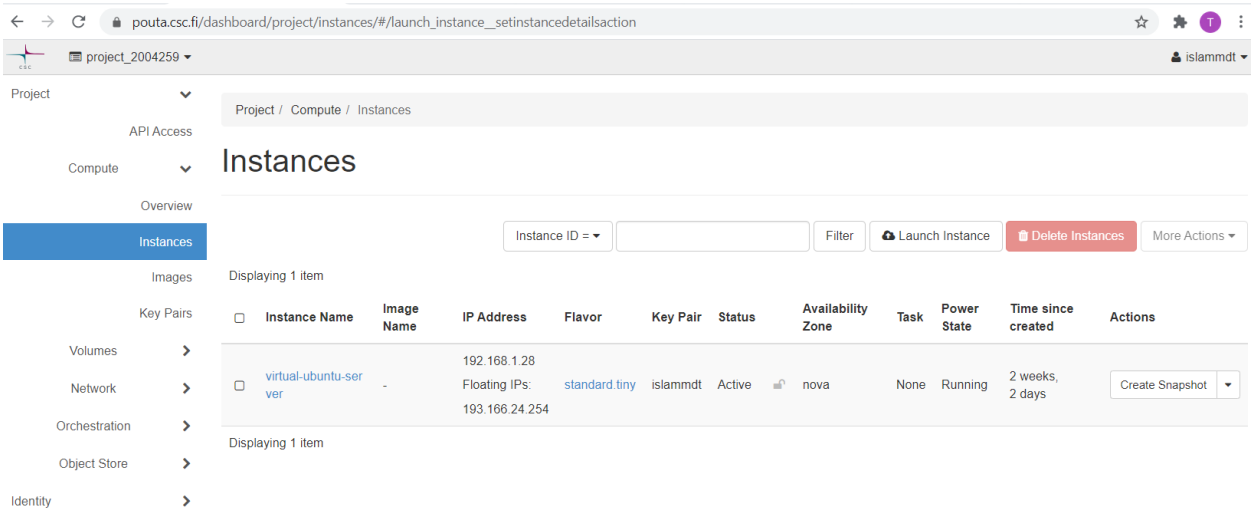
9. Then go to manage rules. Click add rule. For this section we need IP address that we can find using a link: http://www.myipaddress.com . In this security group add id and port 22.



6. Lunched virtual machine. We have to add information below.

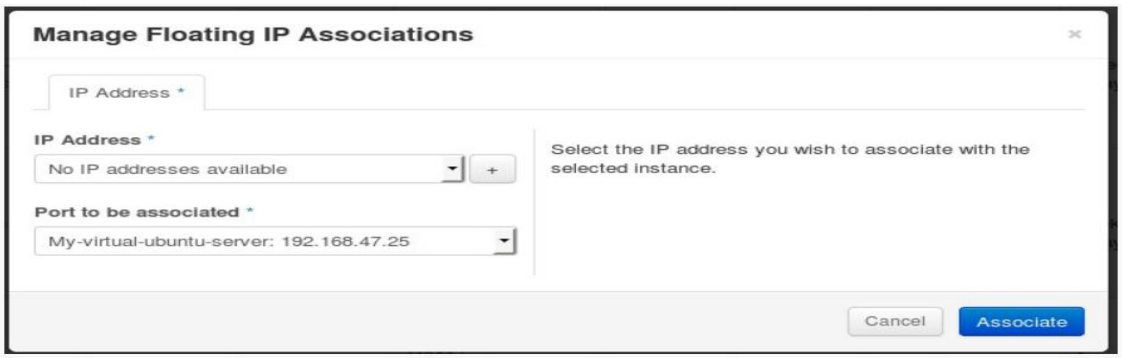


And added instances.



Associate floating IP:

Manage floating ip association:

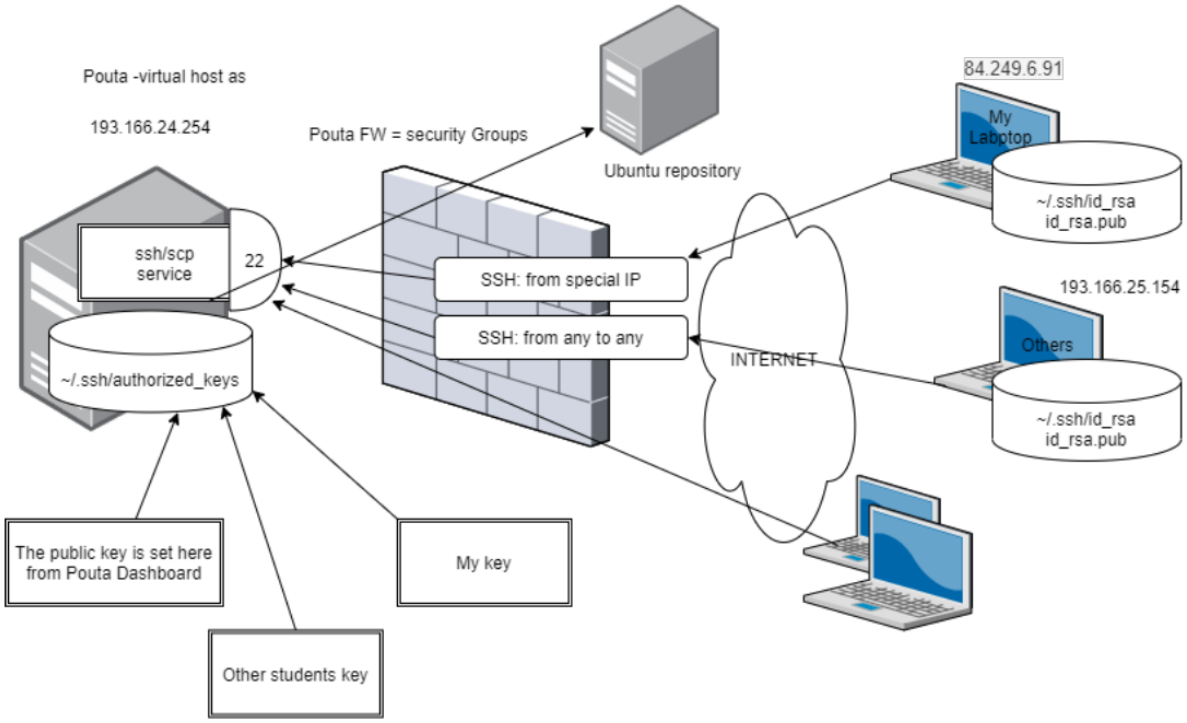


7.

A. Allocated IP To Project and created floating Ips.

B. After doing all and start virtual machine, we can check that using nslookup 193.166.24.254.

```
robin12@Touhidul:~$ nslookup 193.166.24.254
254.24.166.193.in-addr.arpa     name = vm1011.kaj.pouta.csc.fi.
254.24.166.193.in-addr.arpa     name = cloudbof-pad.csc.fi.

Authoritative answers can be found from:
```

10. Network diagram.