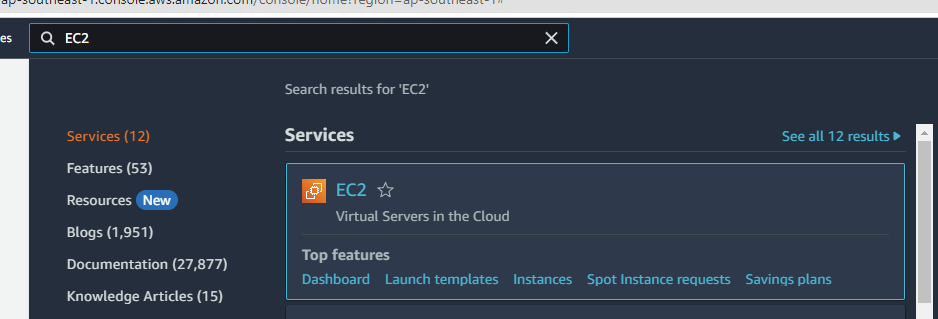
Step 1: at the top right of your screen click on the dropdown button on the left of your “account”, take note of your selected region.

Graphical user interface, text, application

Description automatically generated

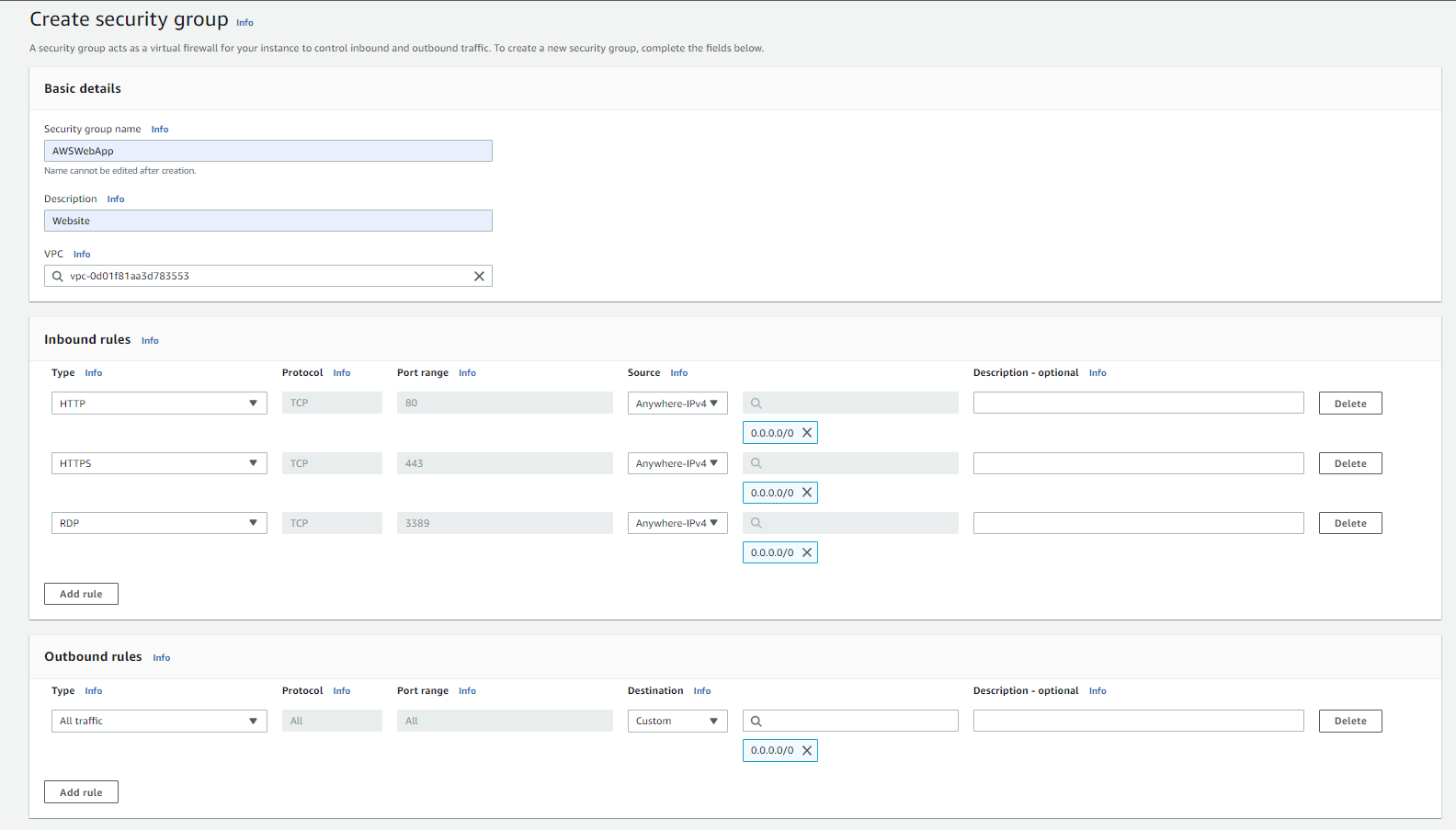
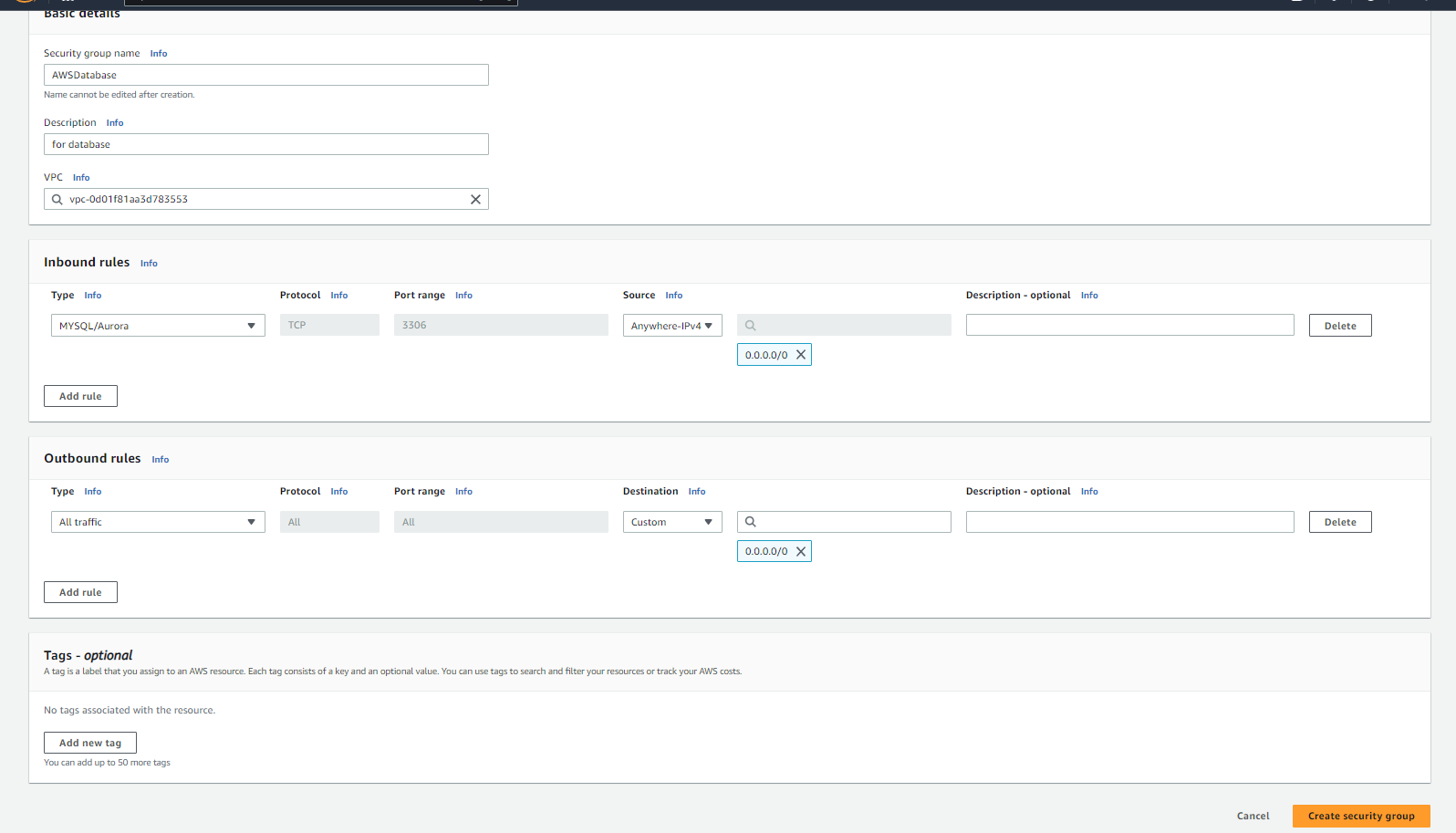
Step 2: in your search bar search and select “EC2” amazon services

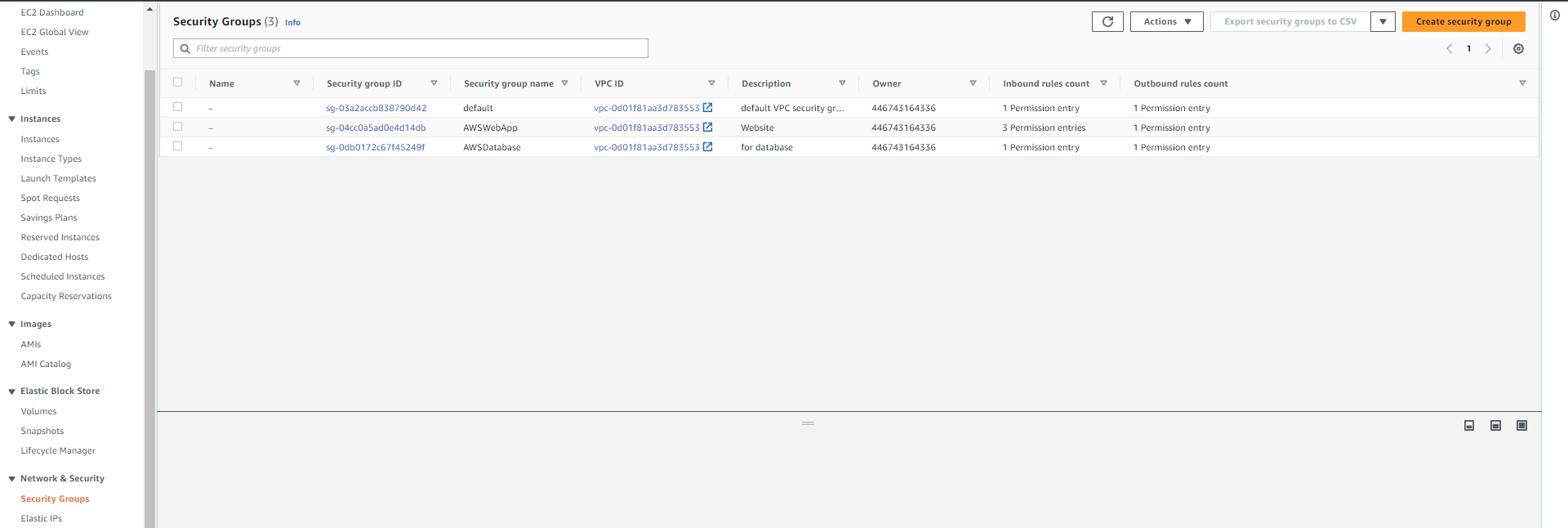


Step 3: at the left sidebar, click on “Network & Security” dropdown button and select “Security Groups” to create two Security Groups one for Web and another for Database

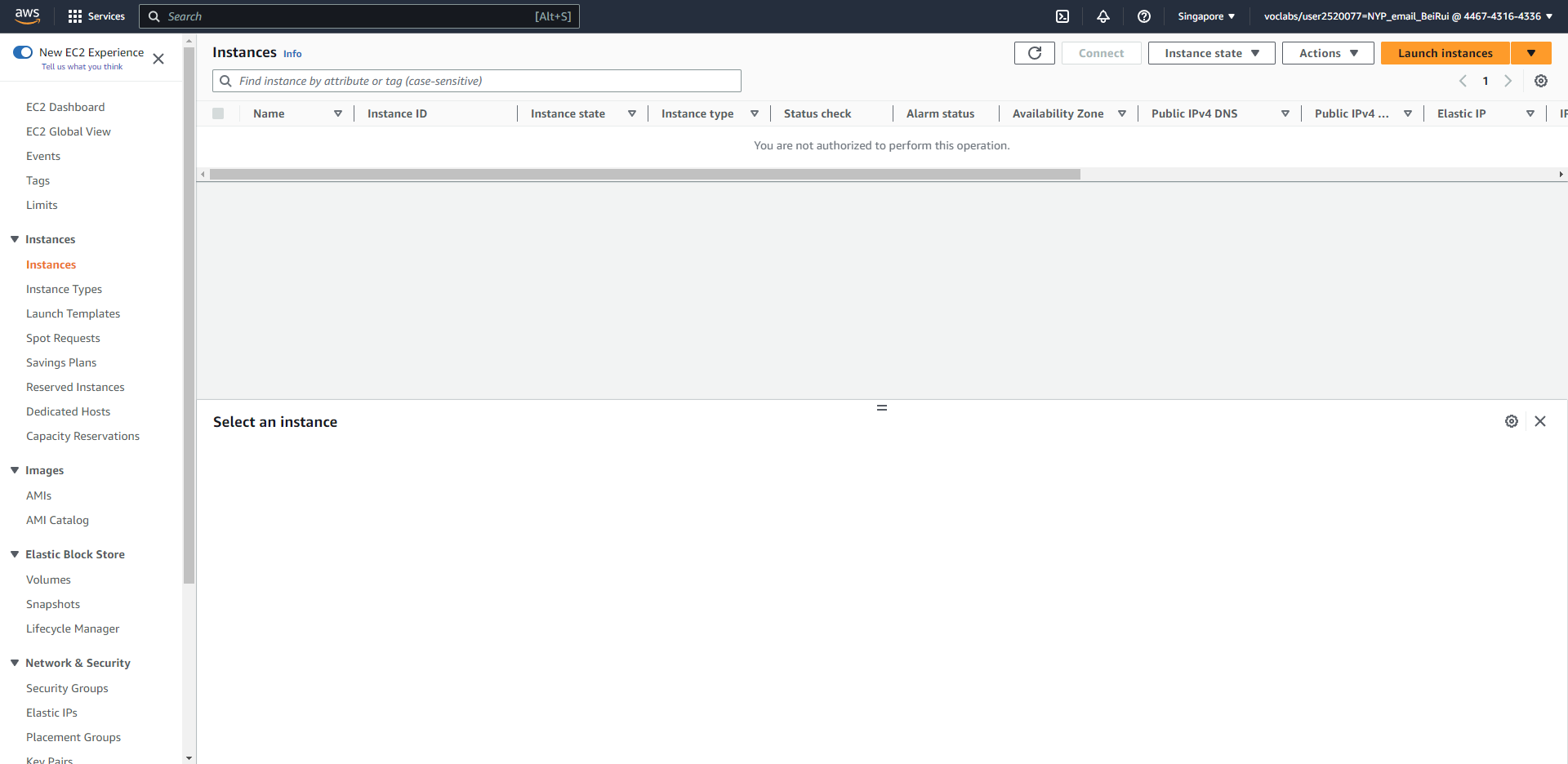
Graphical user interface, application

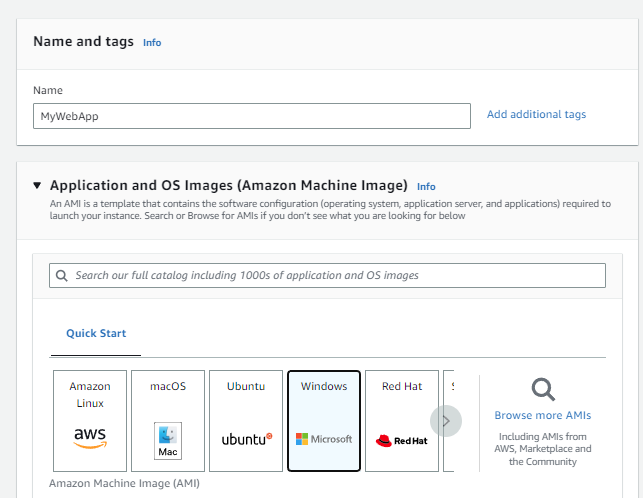
Description automatically generated

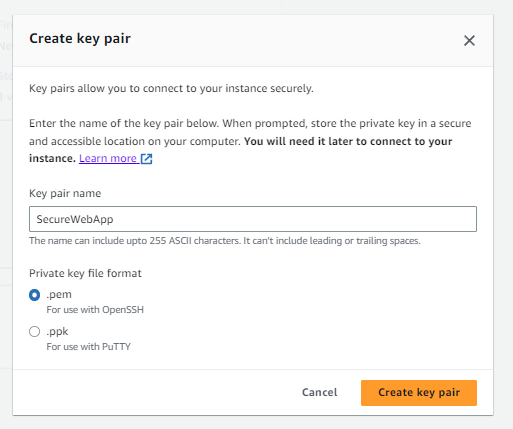


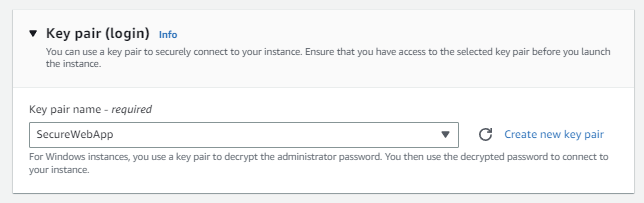
Step 4: Launch a new instance name as MyWebApp



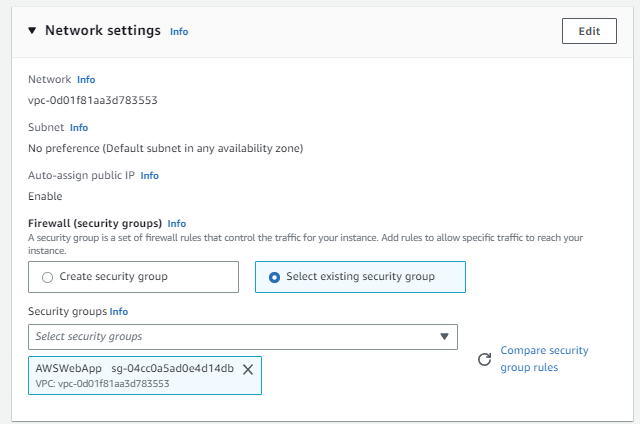


Step 5: Create a new key Pair and name it as SecureWebApp

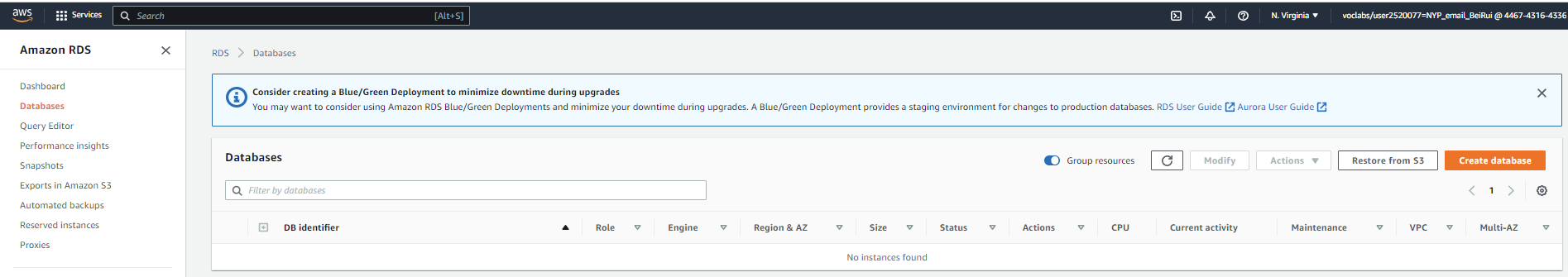


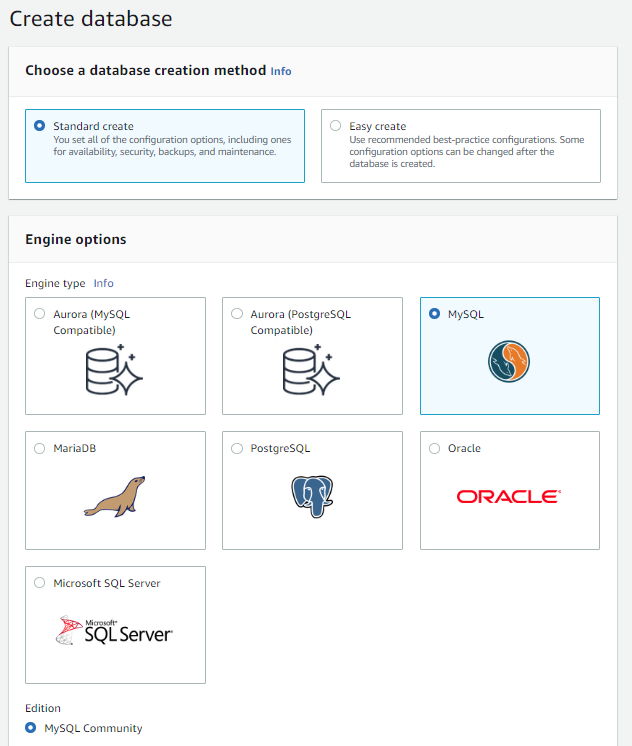
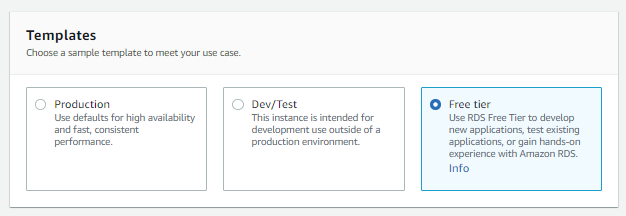


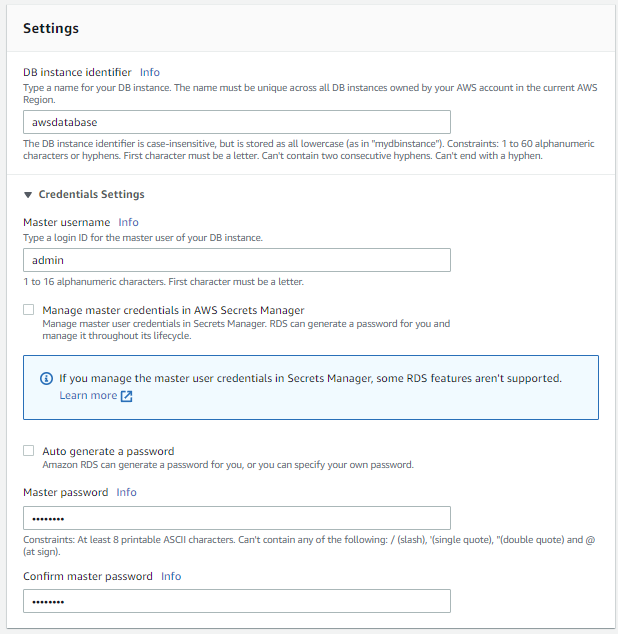
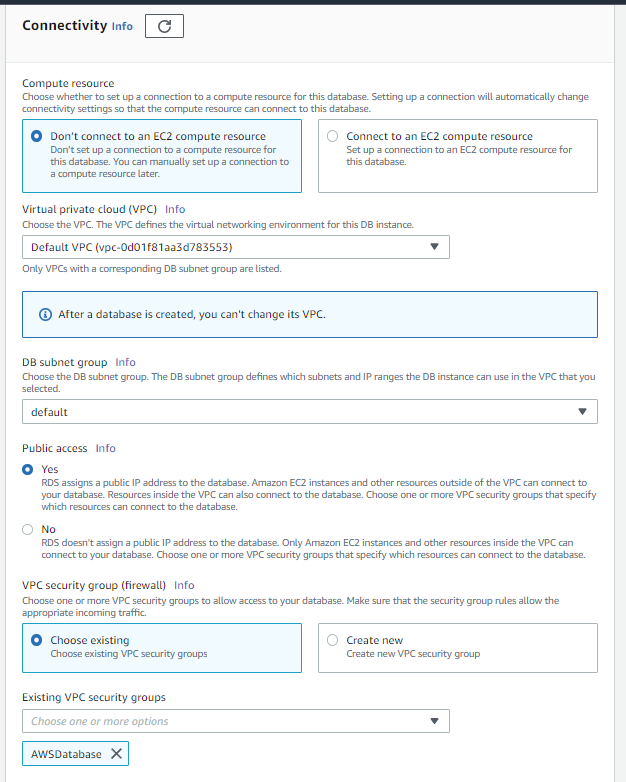
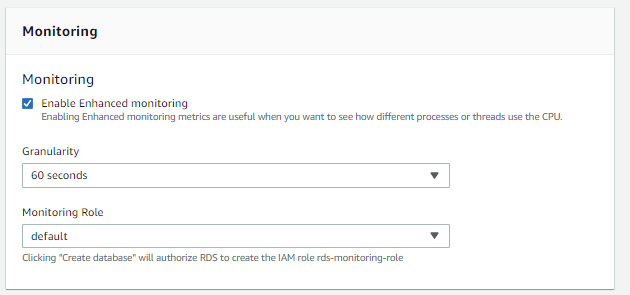
Step 6: put an existing security group



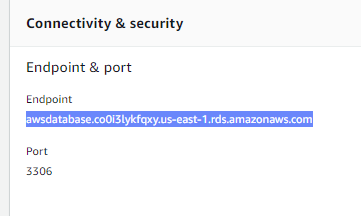
Step 8: search “RDS” service and create a database

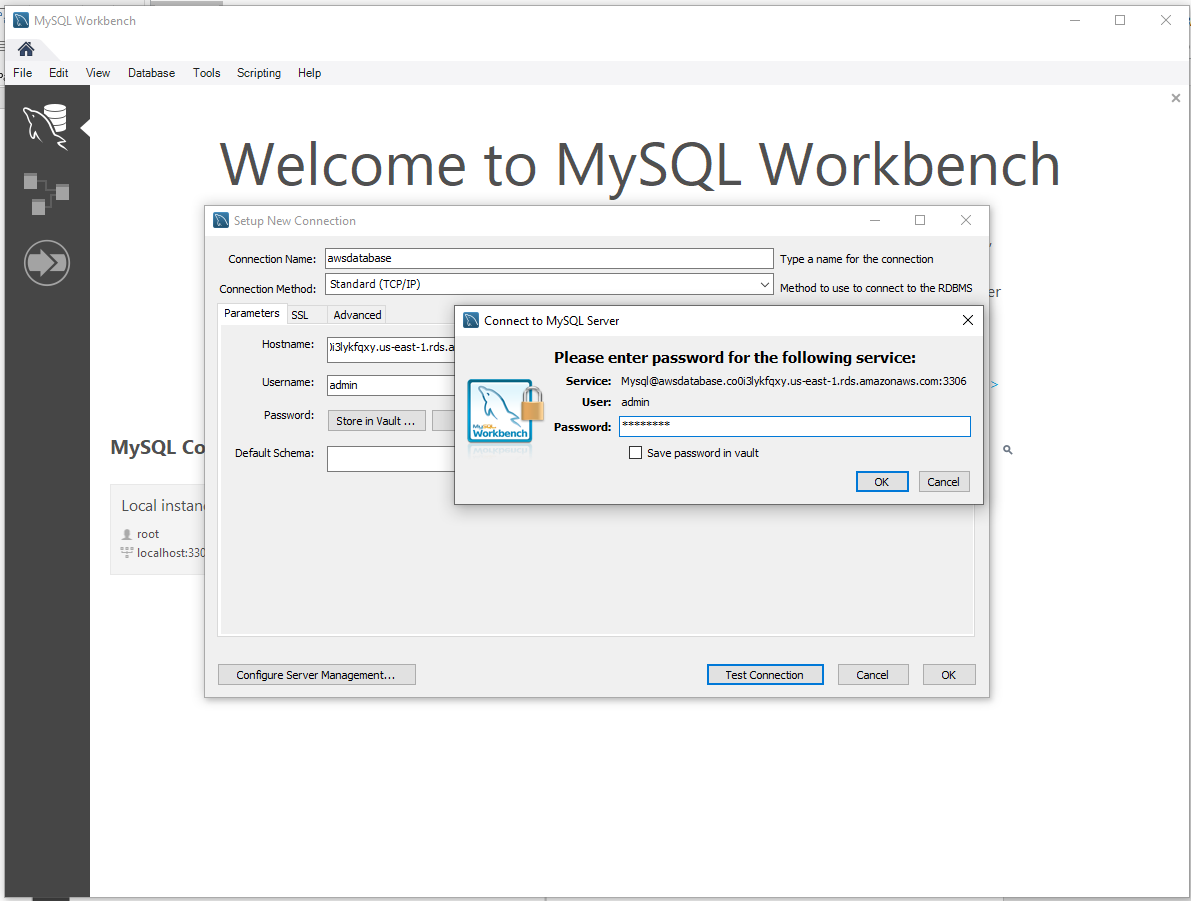
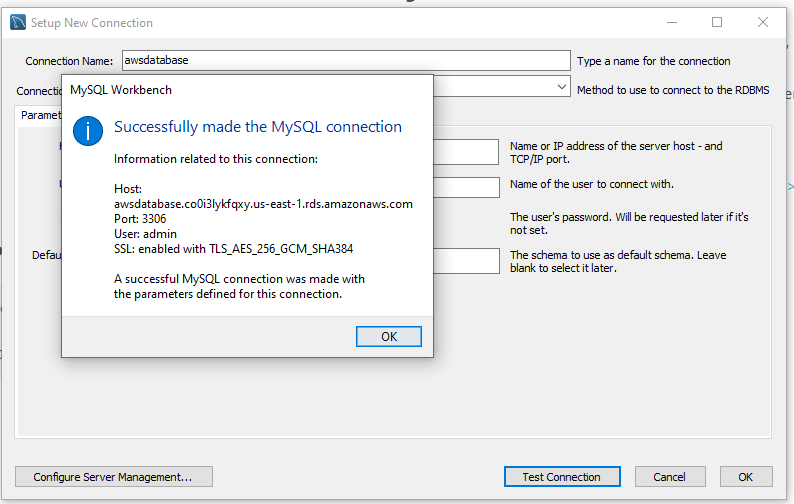


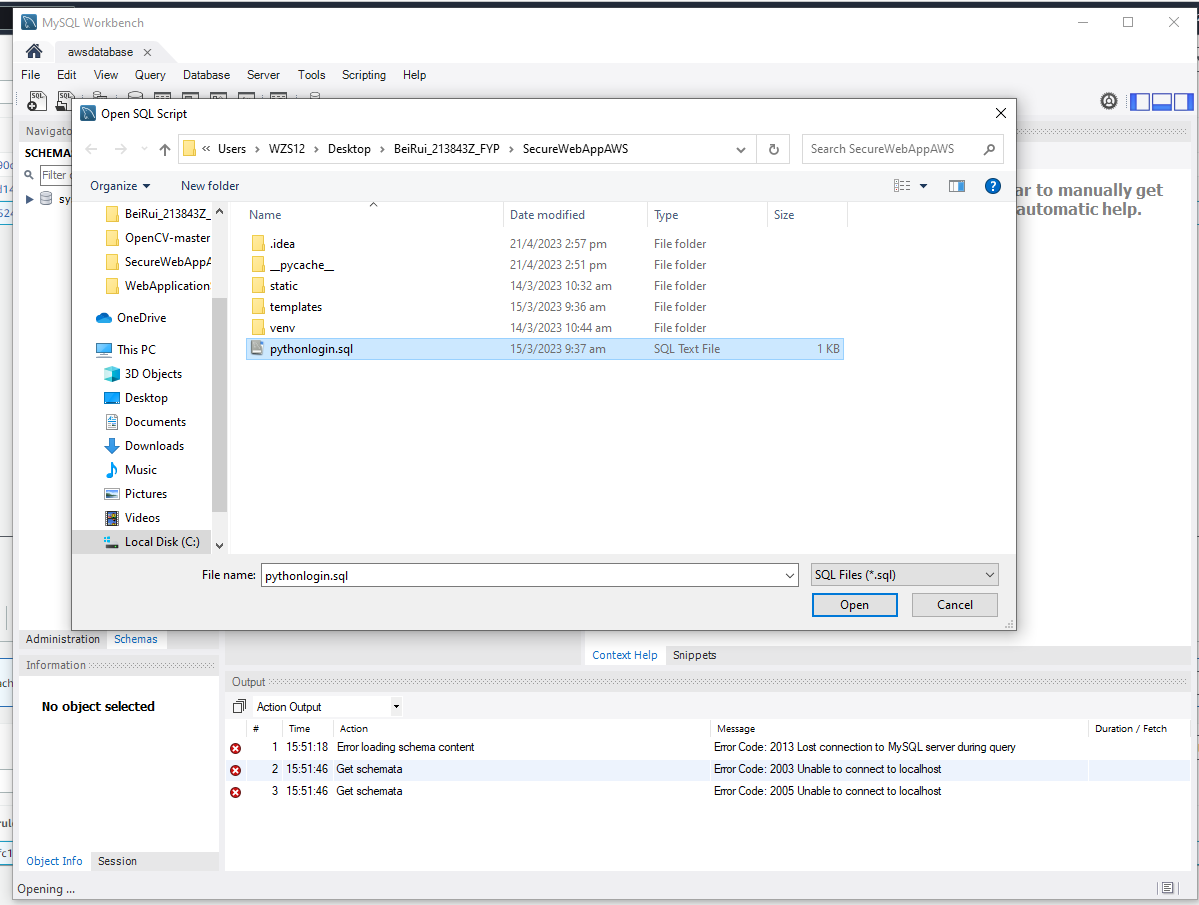
  

Step 9: to test connection, copy the endpoint and paste int MySQL

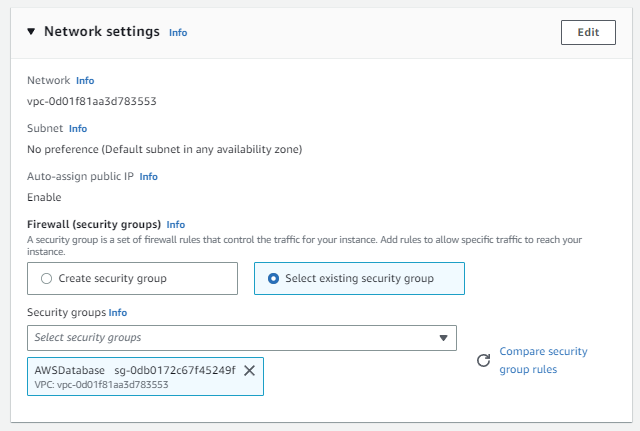
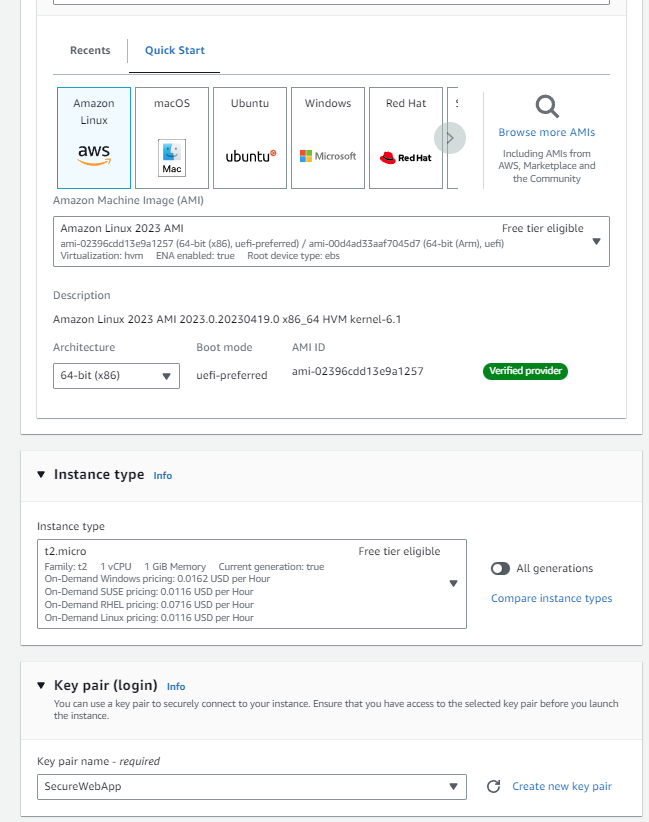


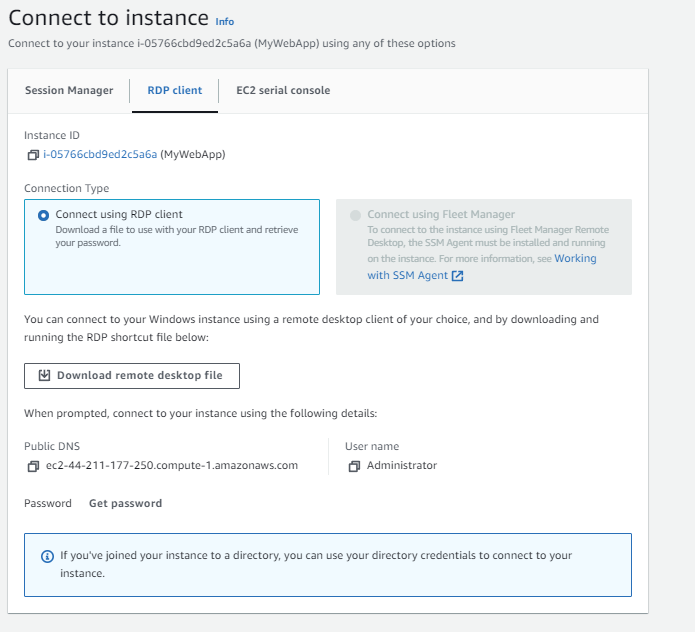
Step 10: open sql script



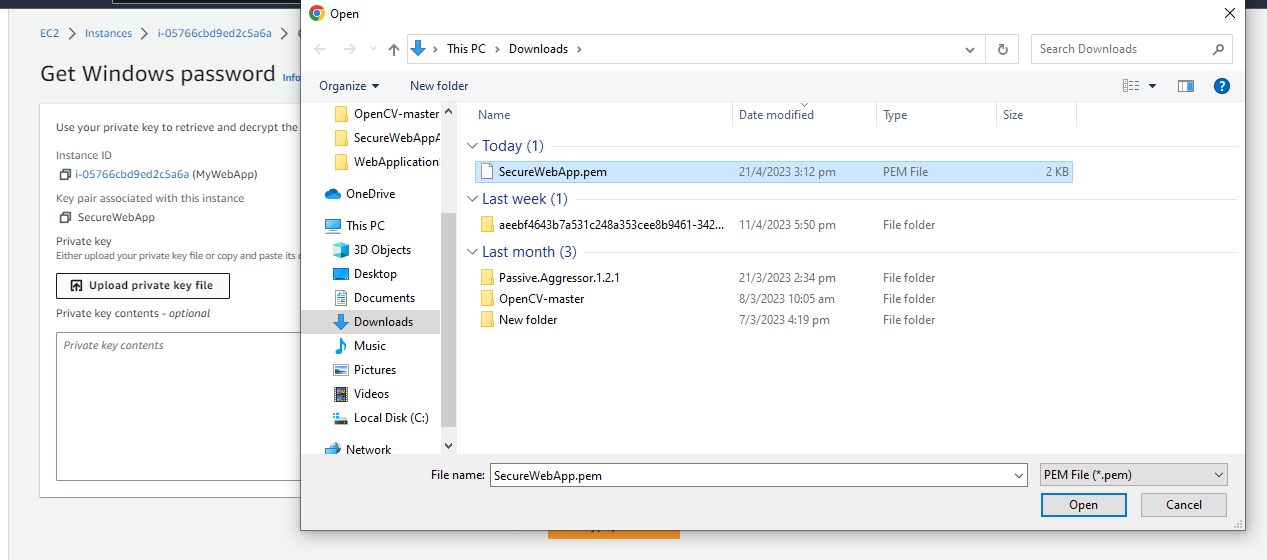
Step 11: create a linux database instance name it MyDatabase

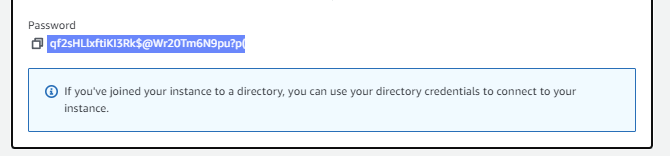
 

Step 12: select “MyWebApp” instance and connect using RDP client and get password

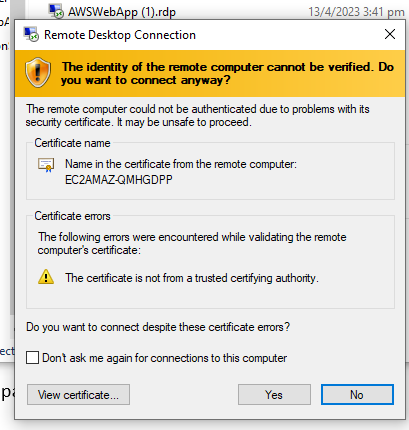


Step 13: upload key.pem

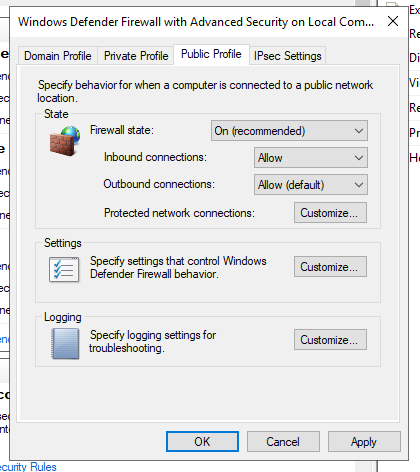




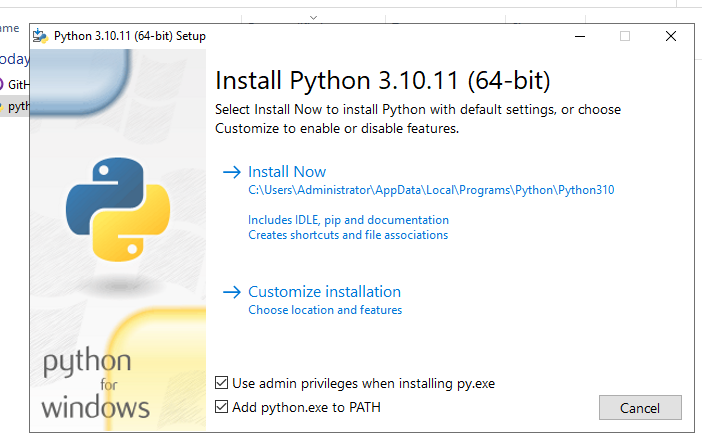
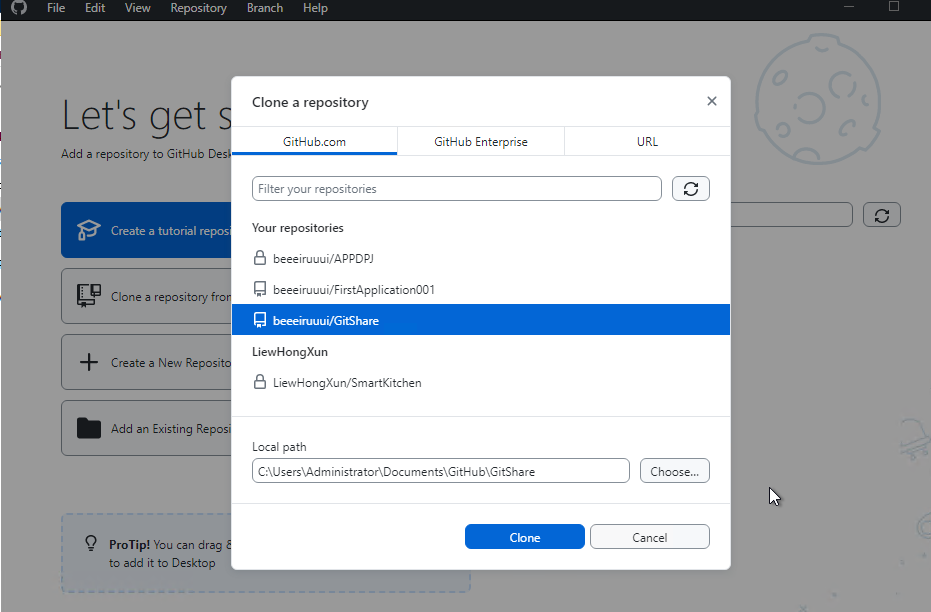
Step 14: connect rdp with password



Step 15: change the firewall in the rdc to



Step 16: in the remote desktop download the necessities.

Step 17: open command prompt and

cd C:\Users\Administrator\Documents\GitHub\GitShare

pip install --upgrade pip

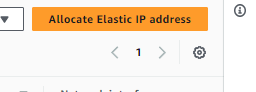
pip install --upgrade wheel

pip install -r requirements.txt

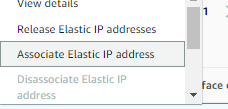
Every error just install separately: Pip install [name of package]

py app.py

Step 18: after installed, to open it to public, you will need to add elastic ip into the instance

in ec2

Step 19: and associate with mywebapp



After every edit to the ec2 instance, you will have to reboot it again