Baby Voice Recognizer Guide

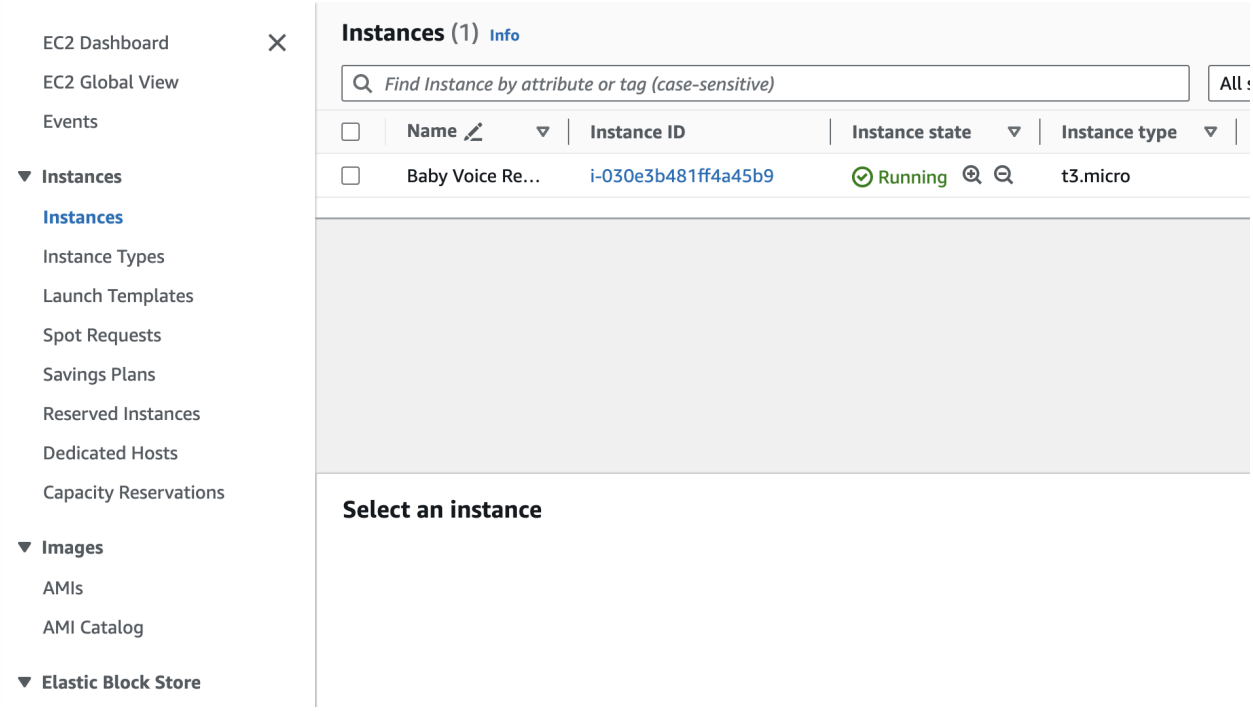
In case for some unfortunate events server stops, follow the steps given below

Step 1:

Sign in to your aws account, and click on EC2, if EC2 is not present there, search it in the search bar and click it

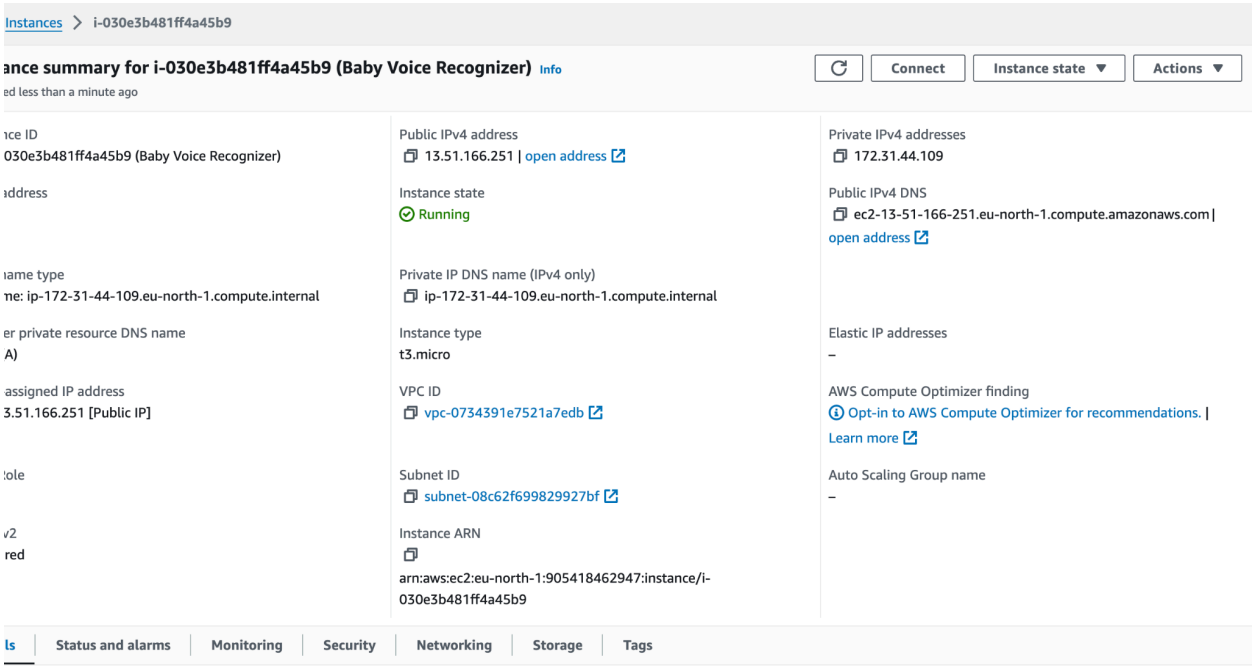
Step 2:

After that click on the instances in the side panel and you will see this instance running named as “Baby Voice Recognizer”. Click on it.



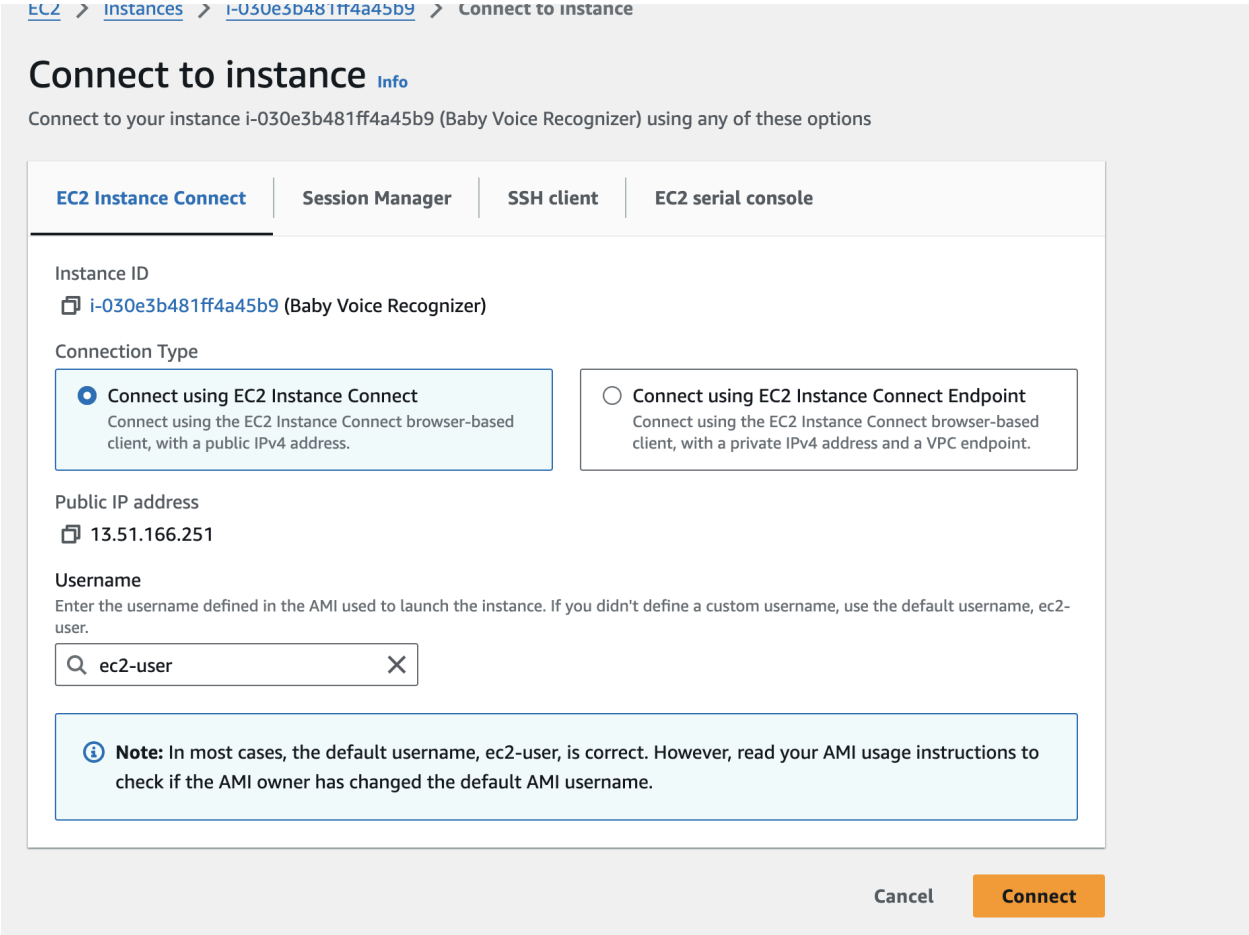
Step 3:

After that you’ll see something like that, click on the connect button.



Step 4:

And without doing anything click connect again.



Step 5:

Here you'll see the Amazon Linux terminal. To check the project name type the command

ls

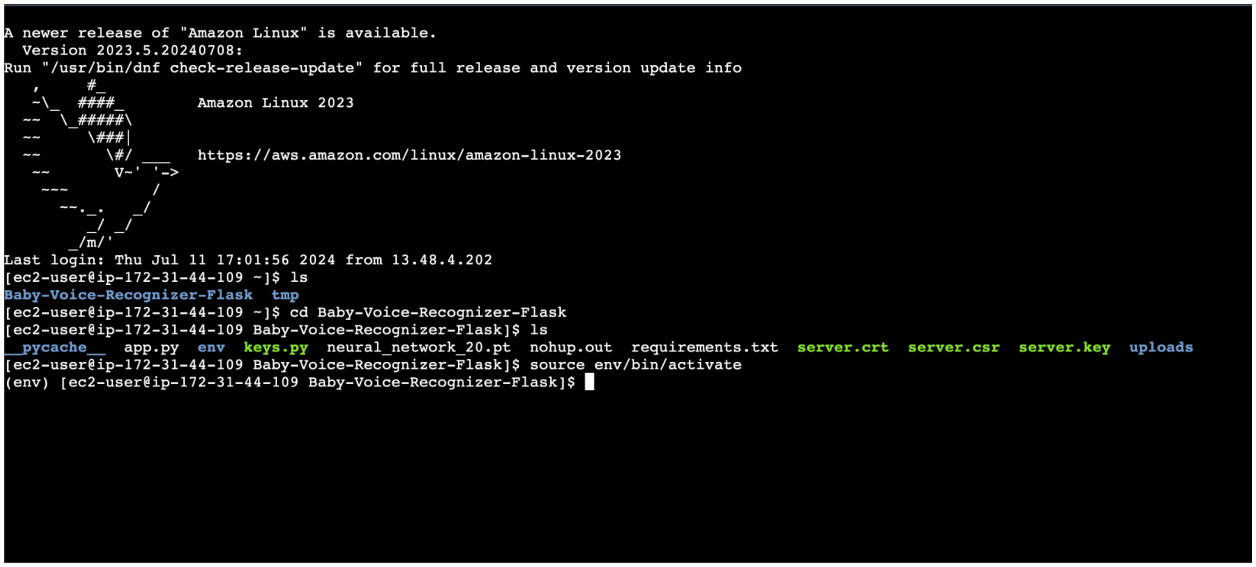
It will print all the files in the home directory including our project as shown below, copy project name and run the command below to go into project directory

cd Baby-Voice-Recognizer-Flask

Now, we are in our project, but we need to activate virtual environment first in our project, type the ls command again to check if a folder named env exits, and then type the command below,

source env/bin/activate

This command will initialize the virtual environment in our project.



Step 6:

Now we are all set to run the project. To run the project first make sure “nginx” is running by typing the command below,

sudo systemctl restart nginx

After that to run the project in the background, type the command below,

nohup python3 app.py &

This will run the project as a background activity and it won’t shut down when you’ll get away. Now, you can close this tab and check if the api is running successfully.

```
A newer release of "Amazon Linux" is available.
  Version 2023.5.20240708:
Run "/usr/bin/dnf check-release-update" for full release and version update info
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Thu Jul 11 17:01:56 2024 from 13.48.4.202
[ec2-user@ip-172-31-44-109 ~]$ ls
Baby-Voice-Recognizer-Flask  tmp
[ec2-user@ip-172-31-44-109 ~]$ cd Baby-Voice-Recognizer-Flask
[ec2-user@ip-172-31-44-109 Baby-Voice-Recognizer-Flask]$ ls
__pycache__  app.py  env  keys.py  neural_network_20.pt  nohup.out  requirements.txt  server.crt  server.csr  server.key  uploads
[ec2-user@ip-172-31-44-109 Baby-Voice-Recognizer-Flask]$ source env/bin/activate
(env) [ec2-user@ip-172-31-44-109 Baby-Voice-Recognizer-Flask]$ sudo systemctl restart nginx
(env) [ec2-user@ip-172-31-44-109 Baby-Voice-Recognizer-Flask]$ nohup python3 app.py &
[1] 47180
(env) [ec2-user@ip-172-31-44-109 Baby-Voice-Recognizer-Flask]$ nohup: ignoring input and appending output to 'nohup.out'
```