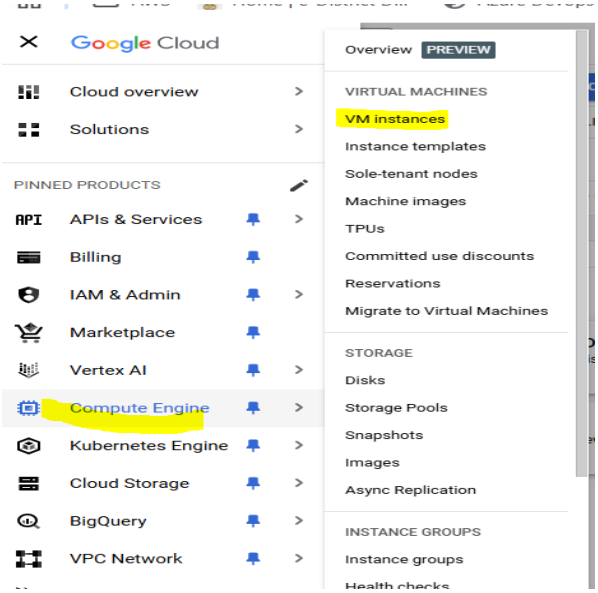
In this lab we will create a VM Instance using GCP console and we will also login to the VM

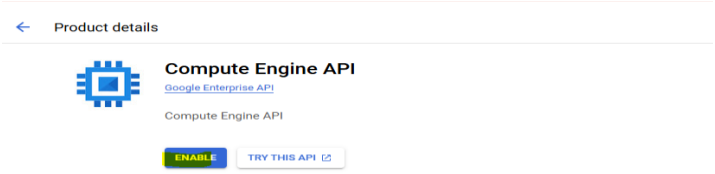
Once lab is completed, also explore stop, start and delete VM options.

Create VM

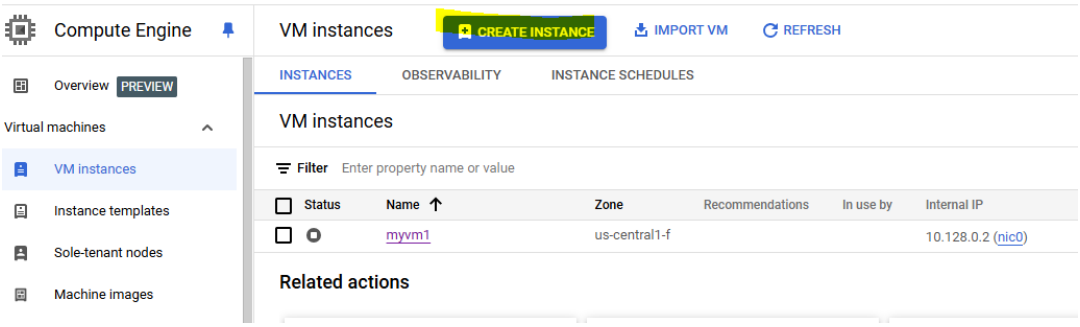
1) First select the project where you want to create VM
2) At hamburger menu go to Compute engine>VM Instances



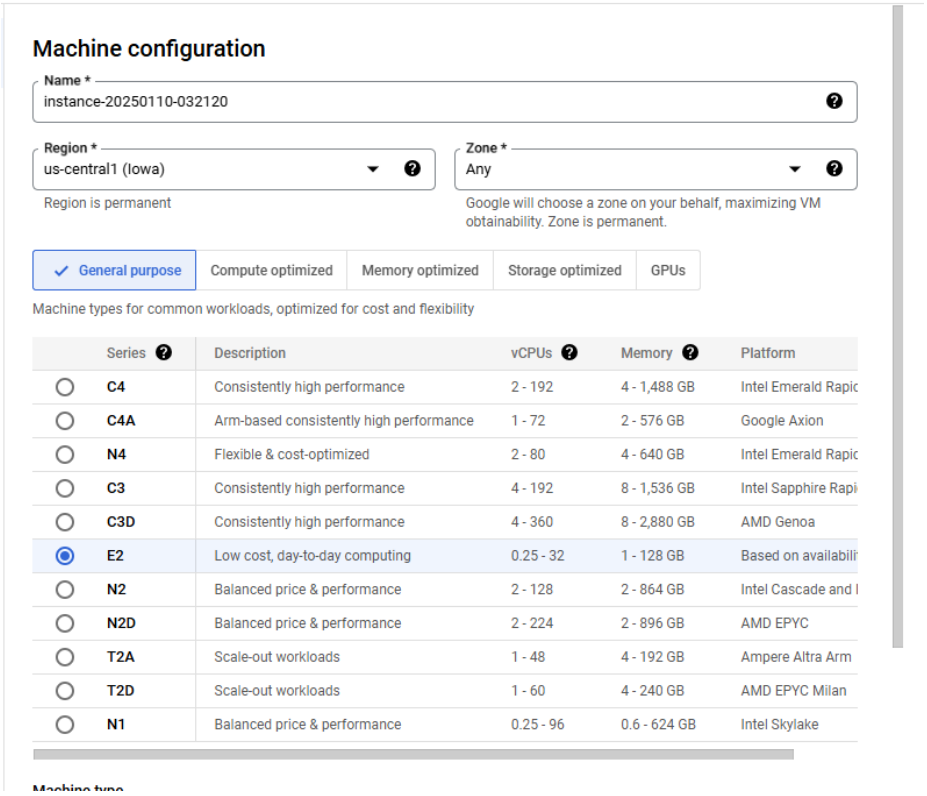
3) For first time creation, we need to enable Compute engine API, so click Enable



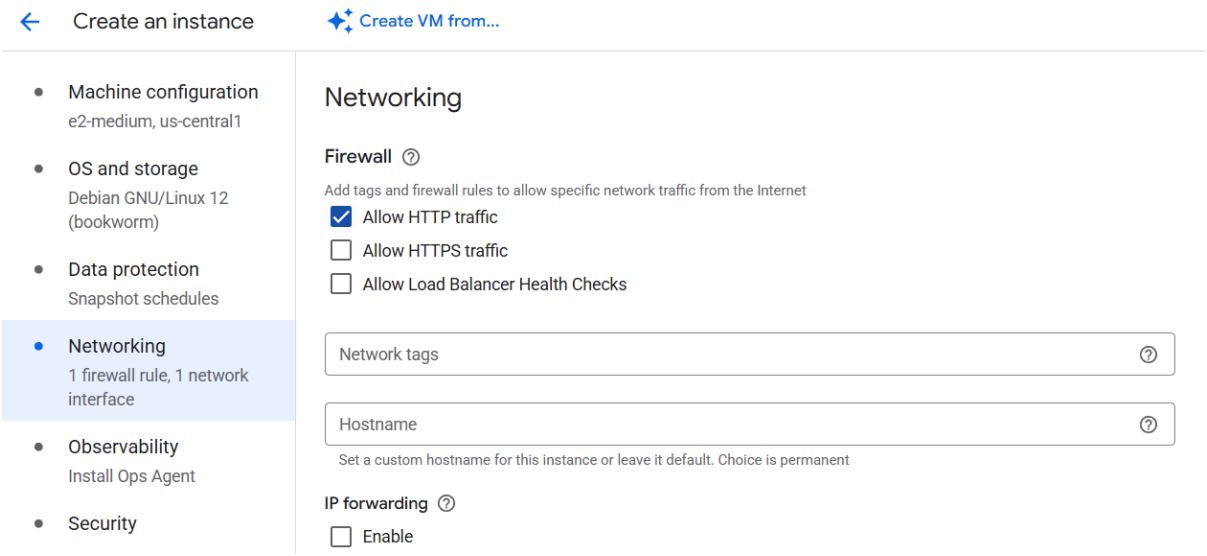
4) Here we can see list of our existing instances, to create new click “Create Instance” button



5) Give instance a name, select region and zone
6) Select shape



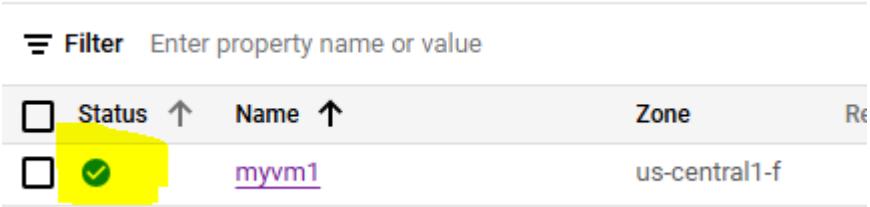
7) Keep the rest details to the default. Just make sure that you have enabled port 80 in the networking section.
8) Then just create your first virtual machine.



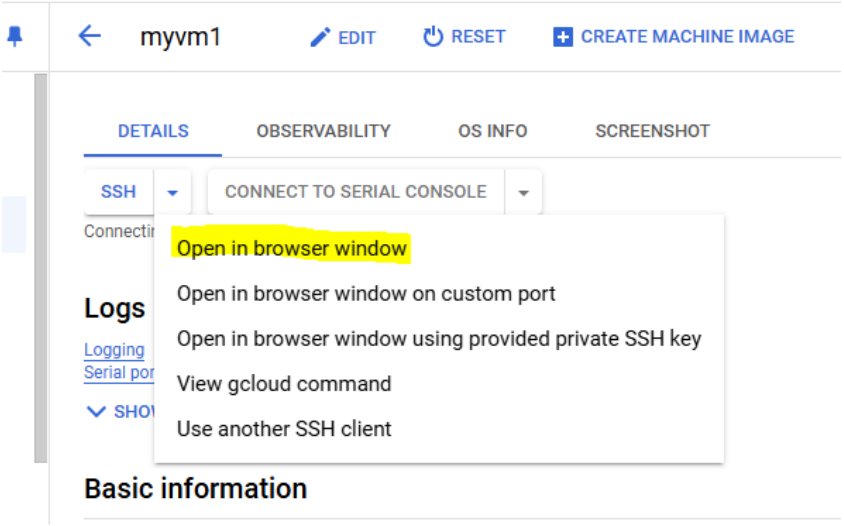
Connect VM

Note:- In this section, we will only check connecting to vm directly via the browser. In the coming sessions and another lab, we will also connect to vm via putty tool using ssh key.

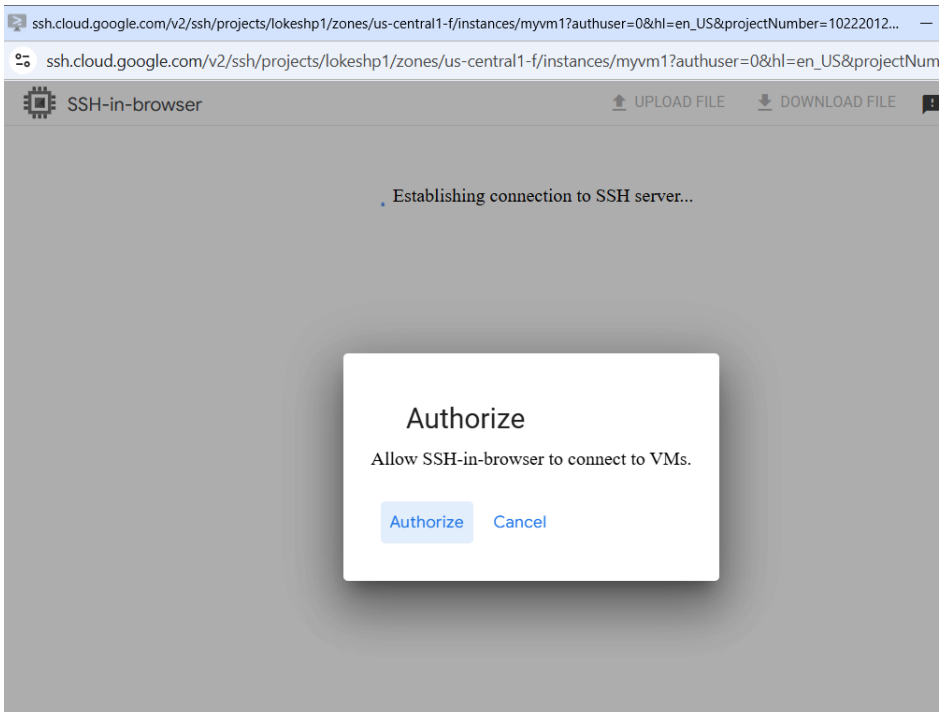
1) Make sure the Instance is at the running state



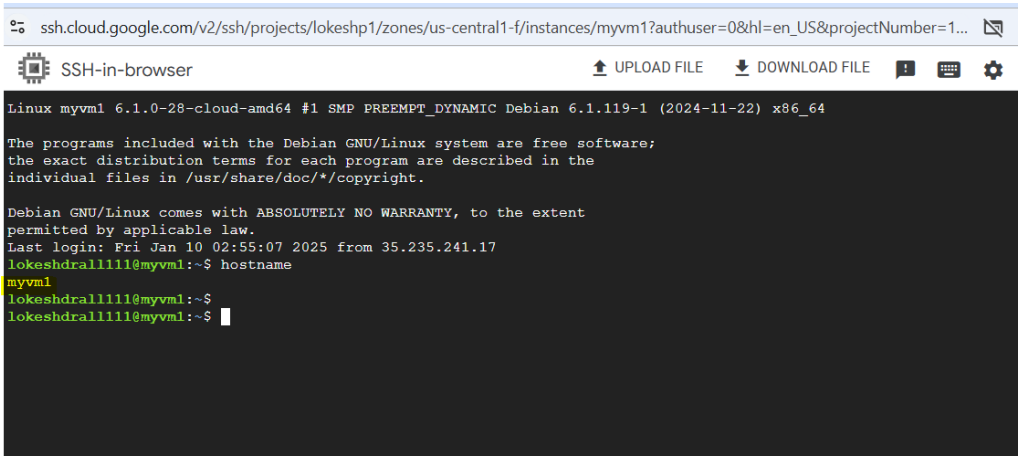
2) Go to ssh option and click open in browser



3) A new window will open, click the “Authorize” button if asked



4) Now you have logged in to the vm



5) Once you are in the SSH browser you need to run the below commands to install Nginx web server on your Virtual machine.

sudo apt-get update
sudo apt-get install nginx

6) After that just copy the external IP address from your virtual machine and paste it in a new tab.
7) You will see the web server up and running.

Once lab is completed, also explore stop, start and delete VM options.