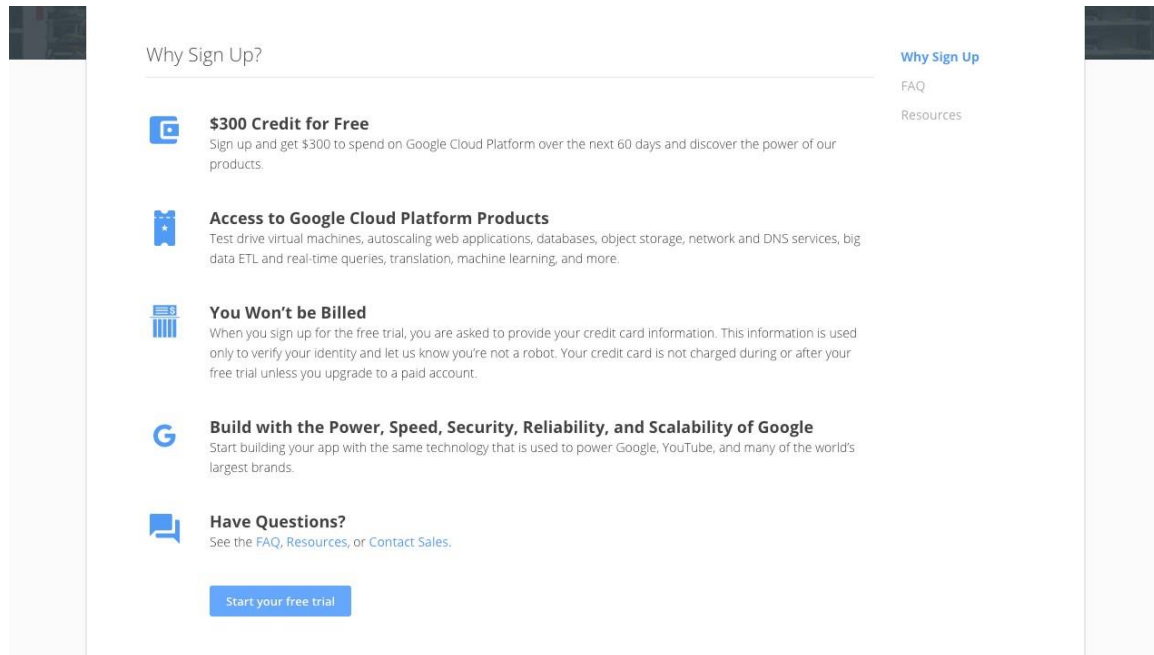


CLOUD PROVIDER USED : GOOGLE COMPUTE ENGINE

1) How to sign up to Google Cloud provider.

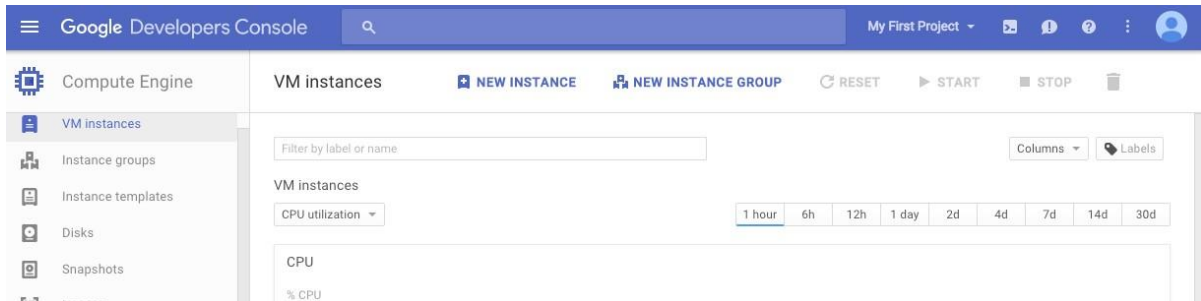
- **Sign up for the free trial**



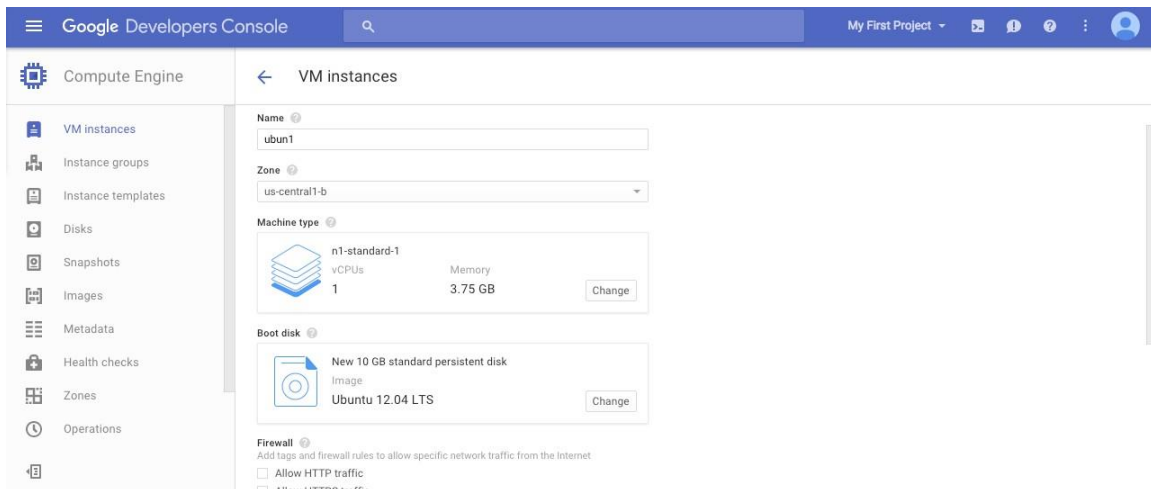
- **Enter your details**
- **Create your account**
- **Add a card for billing purposes**

2) How to create instances.

- **In the google developers console add a project**
- **Click on the new instance**



- Give the specifications for the instance



- Launch the instance

3) How to connect to your instances.

Google has ssh prompt that can arise form clicking on it.

Network	In use by	External IP	Connect
default	hope	104.197.41.99 ↗	SSH ⋮
default	hope	130.211.127.209 ↗	SSH ⋮
default	hope	104.197.138.220 ↗	SSH ⋮
default		104.154.32.64 ↗	SSH ⋮

4) VM Instance specification used

- **n1-standard-2 (2 vCPUs, 7.5 GB memory)**
- **the number of cores-2**
- **boot disk memory size-40**
- **price-0.07/hr**

5) Issues you have met and solutions

- **In the beginning I was not able to run the 320 concurrent users in both single and 3 node cluster. The problem was solved when I increased the memory to 40. I realized that I had forgotten to update the size of the memory**
- **Also, I had issues with ycsb as I was running the ycsb benchmark in the same instance instead of a separate instance**
- **During the 3 node cluster the nodetool did not show all the nodes. So I redid everything which finally worked.**