Google Cloud Platform project

Apache Web Server on Google Cloud



April 2024

by Norah Altwijri

LinkedIn: @Norahaltwijri

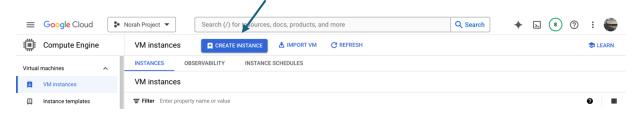
Guidelines:

- First make your own GCP account.
- second after you make your account enable compute engine
- third create your first virtual machine

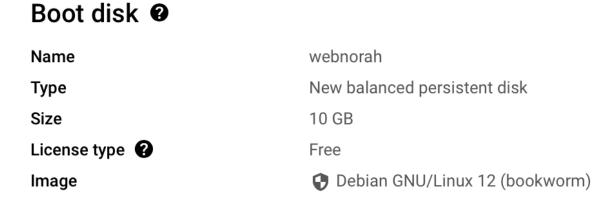
Hands-on-deck:

VM settings:

Create your VM



The boot disk settings:



Allow HTTP and HTTPS traffic

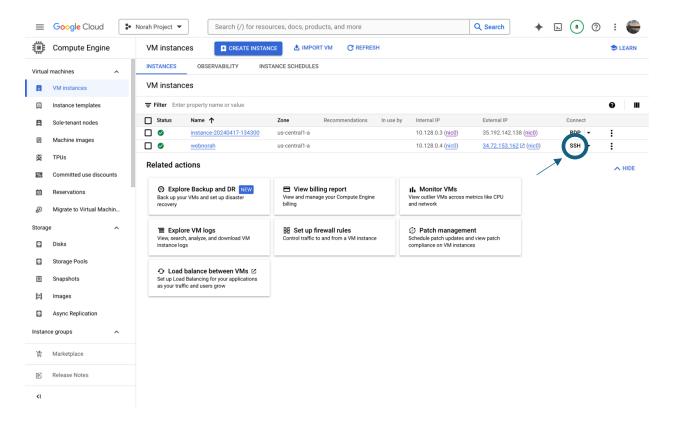
Firewall @

Add tags and firewall rules to allow specific network traffic from the Internet

- Allow HTTP traffic
- Allow HTTPS traffic
- Allow Load Balancer Health Checks

VM SSH:

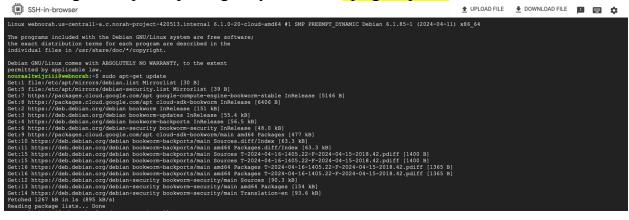
After we create our first VM, we'll run SSH by clicking the SSH button.



Now we open the SSH window.



First thing is to update packages by the cmd: apt-get update



After that install apache2 server the cmd: apt-get install apache2 -y



we installed the apache2 server successfully but how to check if the server is working the cmd: service –status-all

```
Setting up fibaprotilitaed64 (1.6.3-1) ...

detting up packa2-cuis (2.4.59-1-deb12u) ...

detting up packa2-bin (2
```

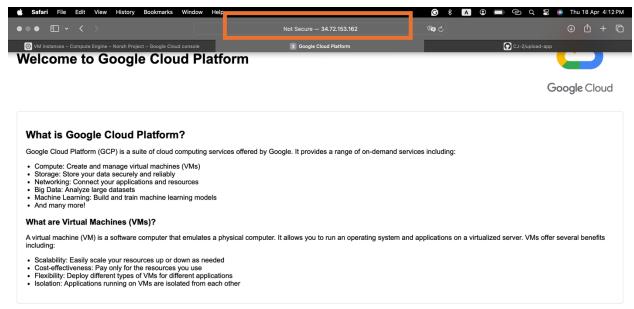
The check is completed.

Note:

if you have index.html upload it and move it to /var/www/html

Finally after you upload your website now go to your external IP and click on it.

34.72.153.162 (nic0)



© 2024 Google Cloud Platform

That's it! I hope this helps and inspires you.