Google Cloud Platform project

Apache Web Server on Google Cloud

By Nouf Al-Homoud

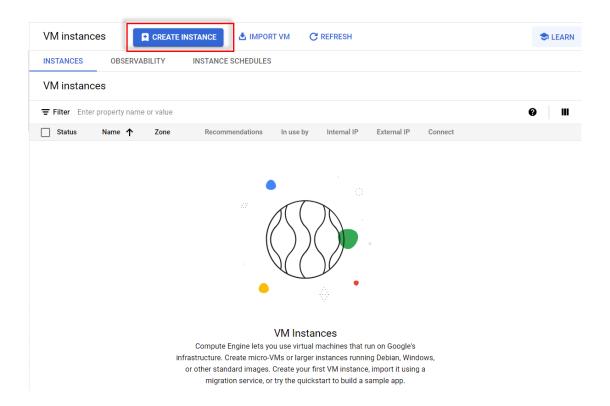
Guidelines:

- 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:

here you make your first VM.



The boot disk settings.

Boot disk @

Name	web
Туре	New balanced persistent disk
Size	10 GB
License type ?	Free
Image	Debian GNU/Linux 12 (bookworm)

Allow HTTP and HTTPS traffic.

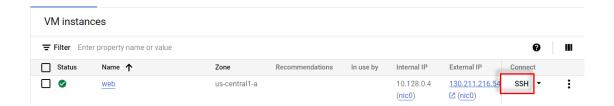
Firewall @

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

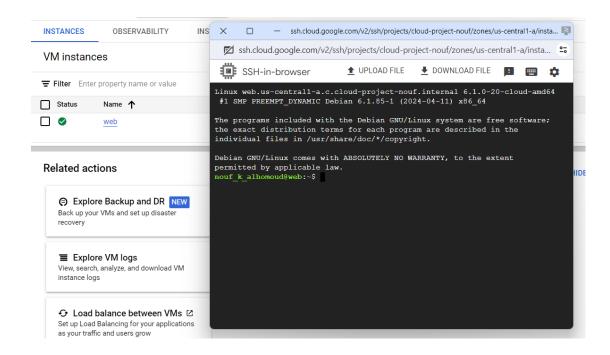
- Allow HTTP traffic
- Allow HTTPS traffic
- Allow Load Balancer Health Checks

VM SSH:

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

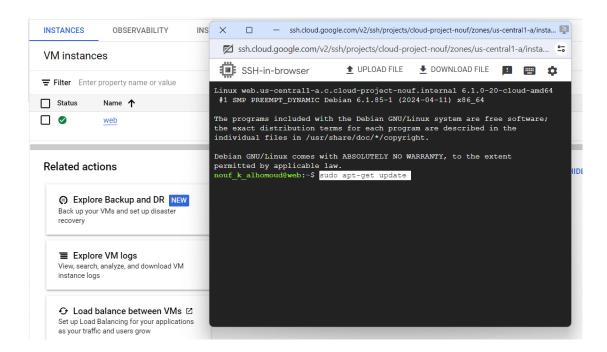


Now we open the SSH window.



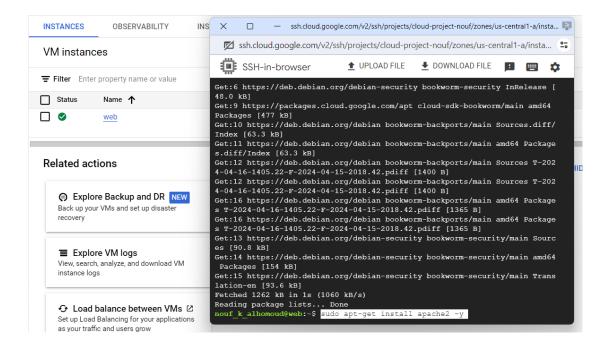
First thing is to update packages by the cmd:

sudo apt-get update



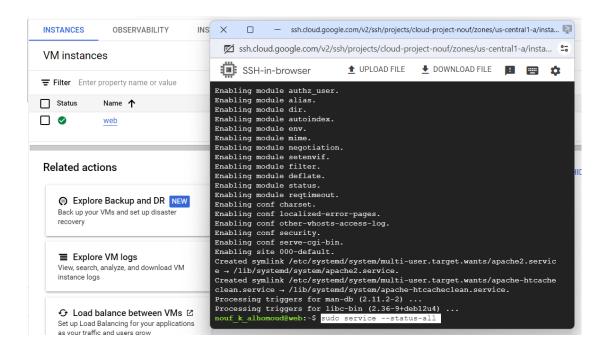
After that install apache2 server the cmd:

sudo apt-get install apache2 -y

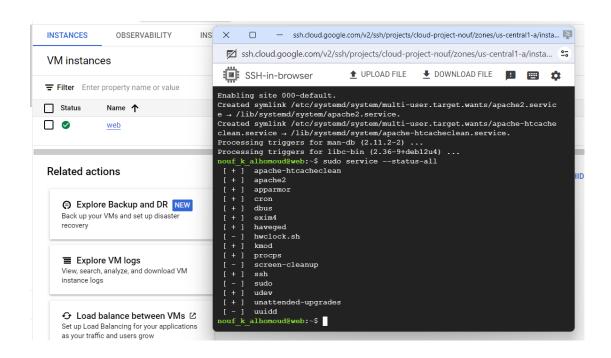


we install apache2 server successfully but how to check if the server is working the cmd:

sudo service --status-all



The check is completed.



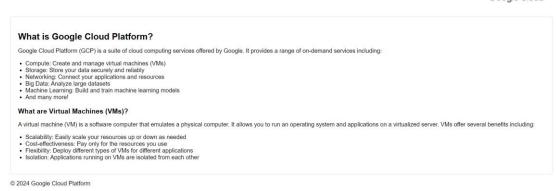
Note: if you have index.html upload it and move it to /var/www/html

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



Welcome to Google Cloud Platform





I hope that the project will help you.