Google cloud platform project

Apache Web Server on Google Cloud

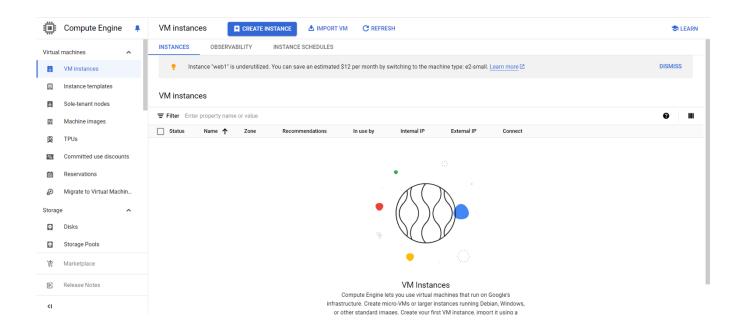
by Abdulrahman Bawazeer

Guidelines:

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

VM settings:

here you make your first VM.



The boot disk settings.

Name	instance-20240608-043127
Туре	New balanced persistent disk
Size	10 GB
License type ?	Free
Image	Debian GNU/Linux 11 (bullseye)

Allow HTTP and HTTPS traffic.

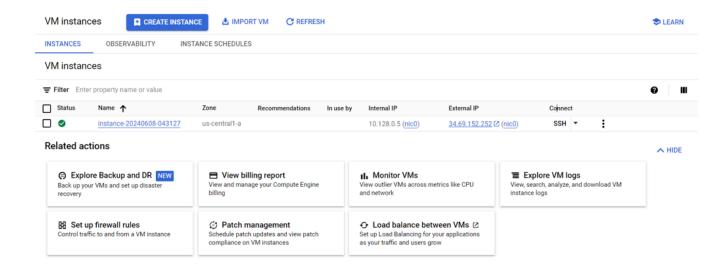
Firewall @

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

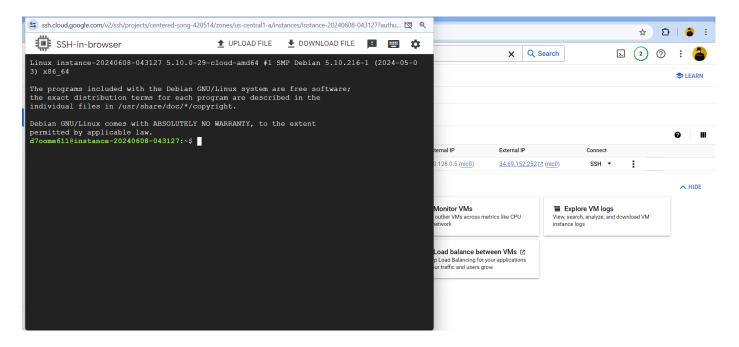
- Allow HTTP traffic
- Allow HTTPS traffic
- Allow Load Balancer Health Checks

VM SSH:

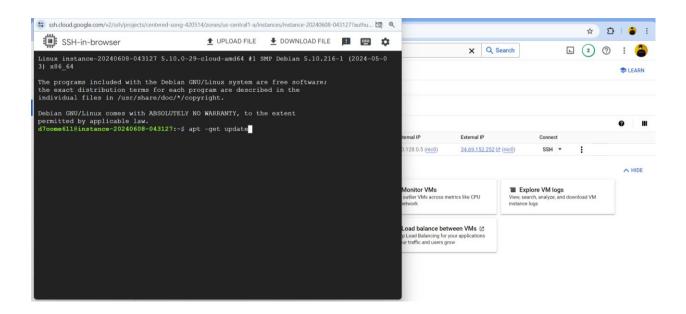
After we create our first VM, we'll run SSH from clicking the SSH button.



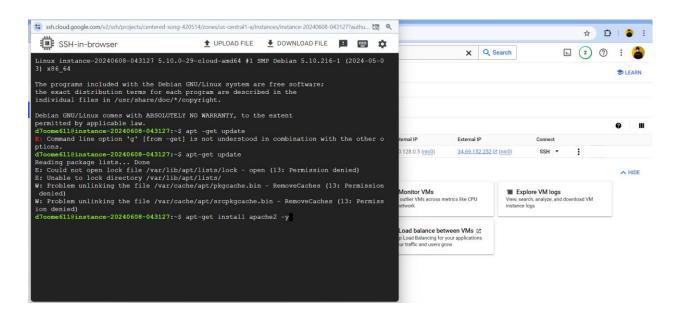
Now we open the SSH window.



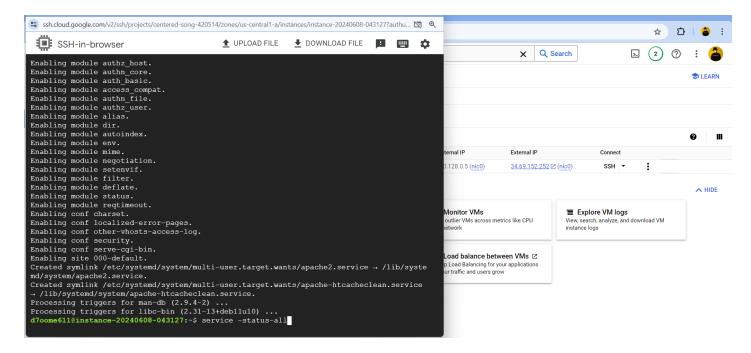
First thing is to update packages by the cmd: apt-get update



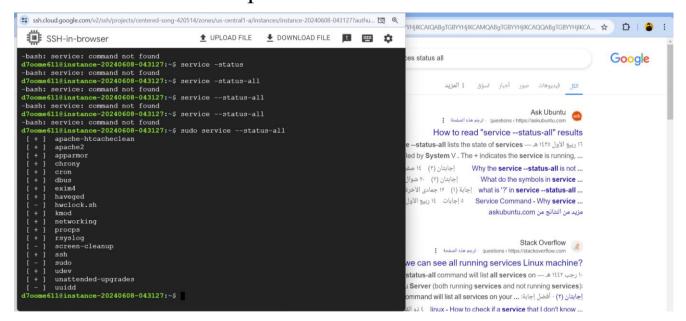
After that install apache2 server the cmd: apt-get install apache2 -y



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



I hope that the project will help you.