GOOGL CLOUD PLATFORM PROJECT

APACHE WEB SERVER ON GOOGLE CLOUD

BY SHAHAD BAELAYAN

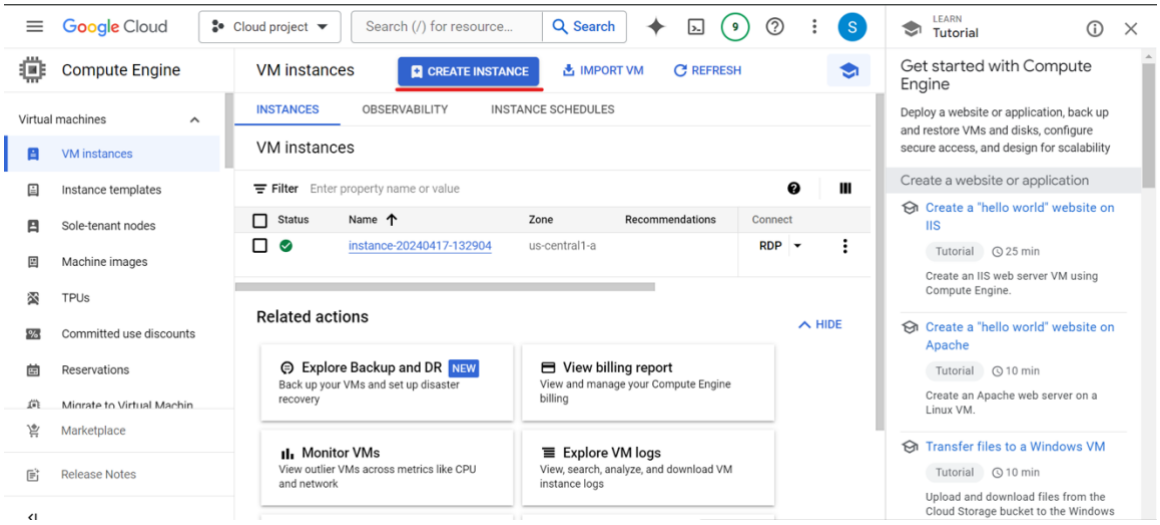
GUIDELINES:

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

HANDS-ON-DECK $:~

VM setting:

Create your VM.



The boot disk settings.

Boot disk

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

CHANGE

Allow HTTP and HTTPS traffic.

Firewall

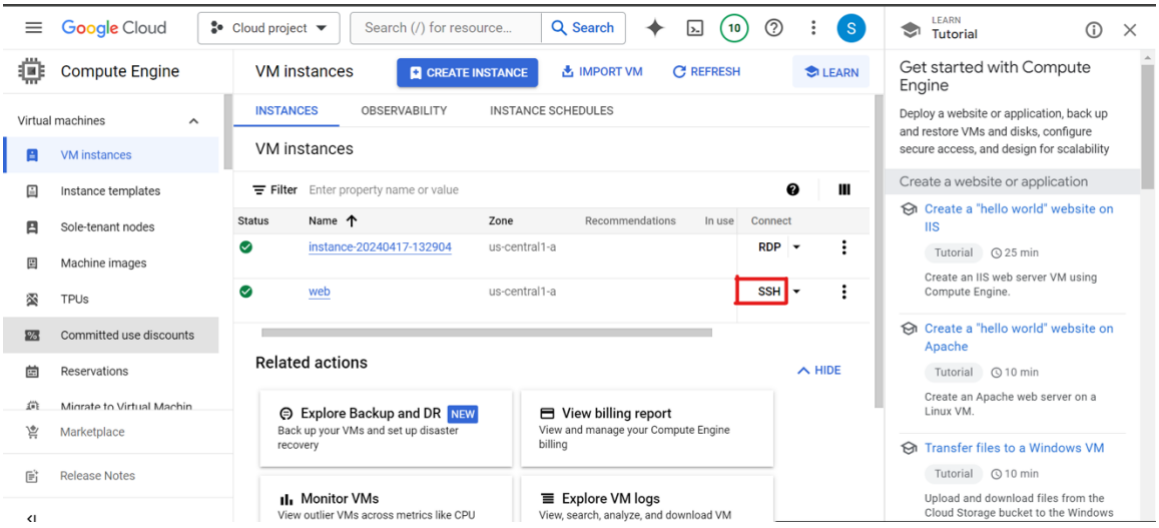
Add tags and firewall rules to allow specific network traffic from the Internet

- [x] Allow HTTP traffic
- [x] Allow HTTPS traffic
- [ ] Allow Load Balancer Health Checks

VM SSH:

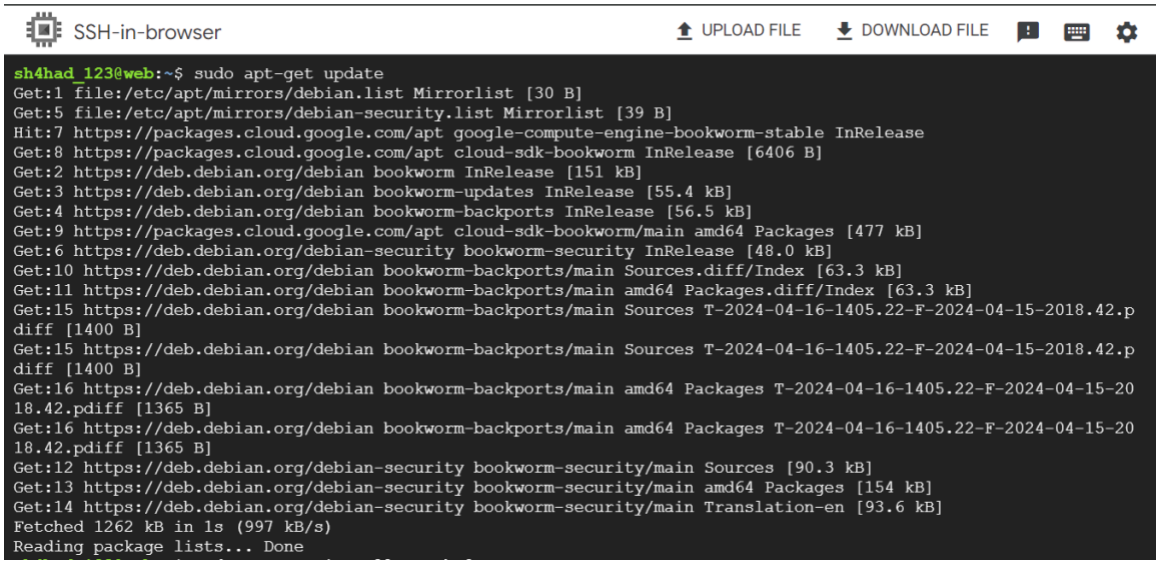
After creating VM, you will run SSH from

clicking the SSH button.

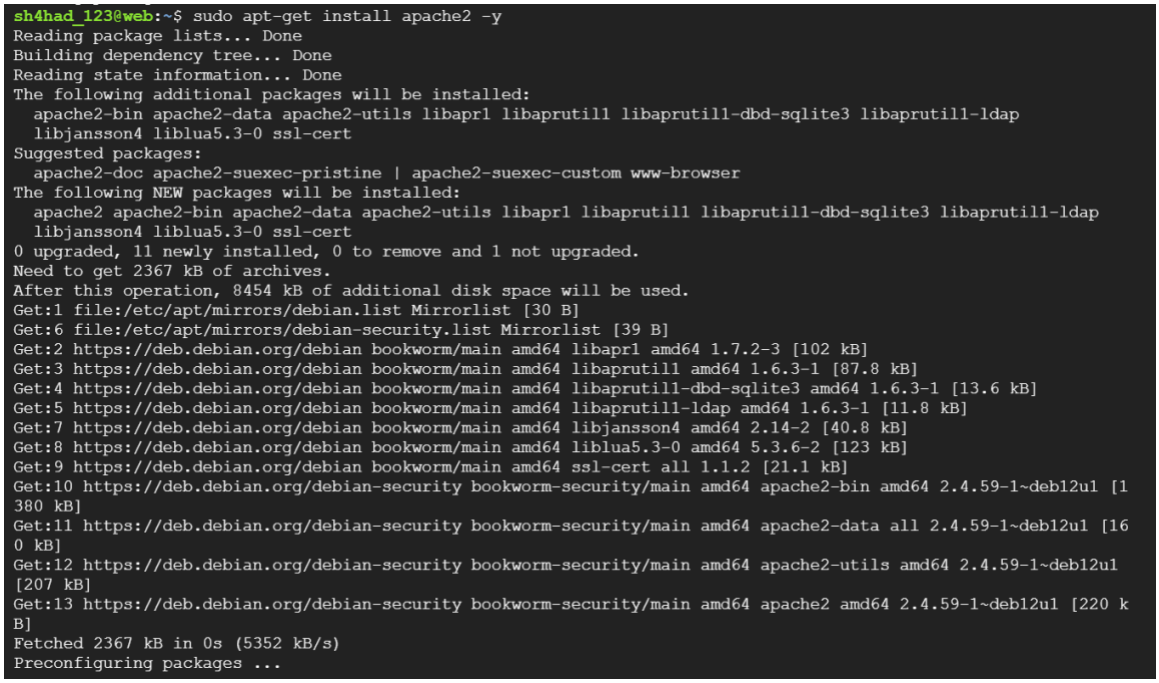


Now you can see the SHH window.

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

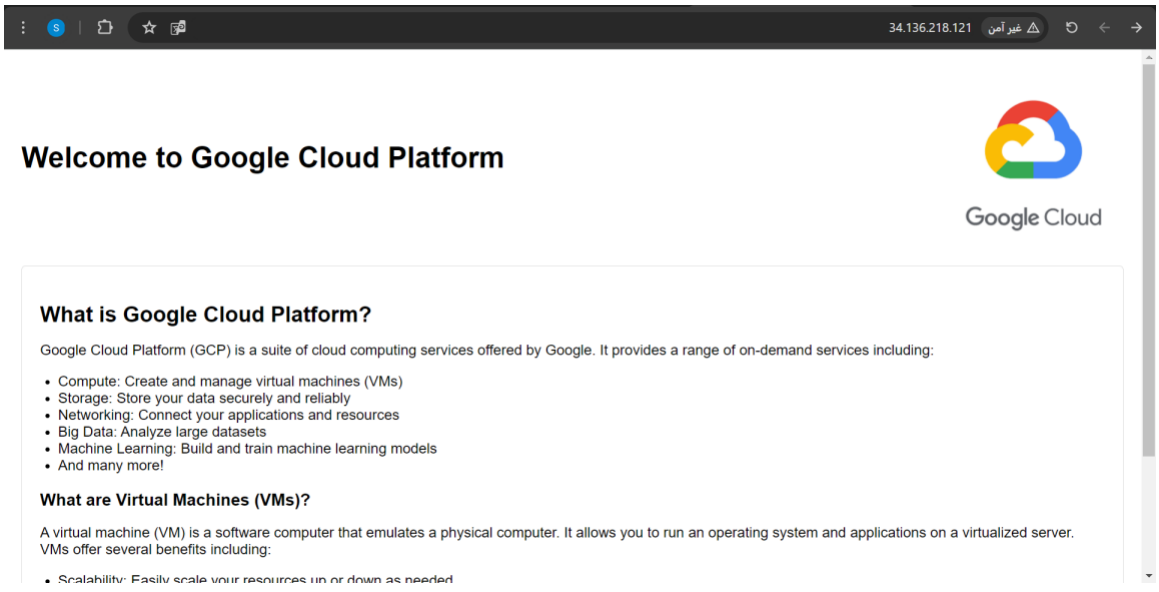
```
sh4had_123@web:~$ sudo service  --status-all
 [ + ]  apache-htcacheclean
 [ + ]  apache2
 [ + ]  apparmor
 [ + ]  cron
 [ + ]  dbus
 [ + ]  exim4
 [ + ]  haveged
 [ - ]  hwclock.sh
 [ + ]  kmod
 [ + ]  procps
 [ - ]  screen-cleanup
 [ + ]  ssh
 [ - ]  sudo
 [ + ]  udev
 [ + ]  unattended-upgrades
 [ - ]  uuidd
```

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.



And there we go, all finished! I hope the project helps you.