

Google cloud platform project

Apache Web Server on Google Cloud

Creator information



Abdullah Alowaydi

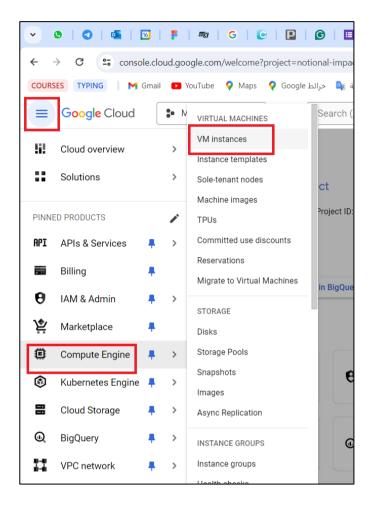


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Guidelines:

- 1- Make your own GCP account. Through URL: https://cloud.google.com/
- 2- From The Navigation Menu, go to Compute Engine.
- 3- Create a virtual machine by choosing VM Instance.



4- Enable Compute Engine.

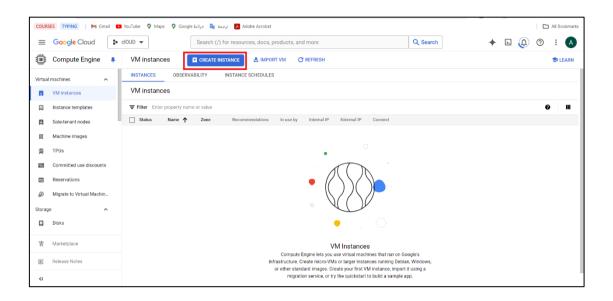




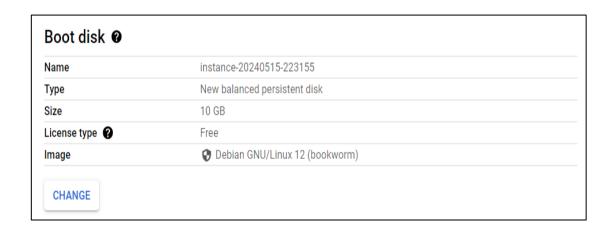
Setting up the VM Instance

Create a Virtual Machine (VM)

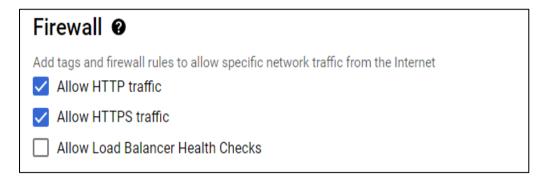
1. Press "CREATE INSTANCE".



2. View The boot disk default settings (Can be changed by pressing the "Change" button).

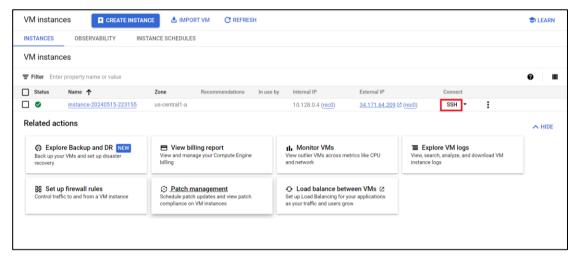


3. FireWall section: Allow HTTP & HTTPS traffic.

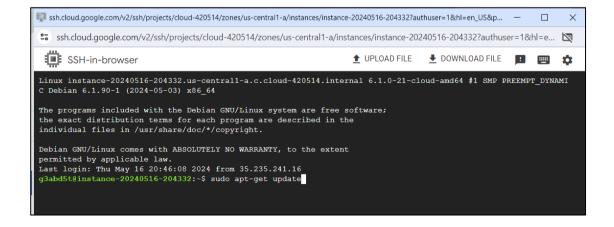


Setting up VM SSH

1. Run SSH by clicking the "SSH" button.



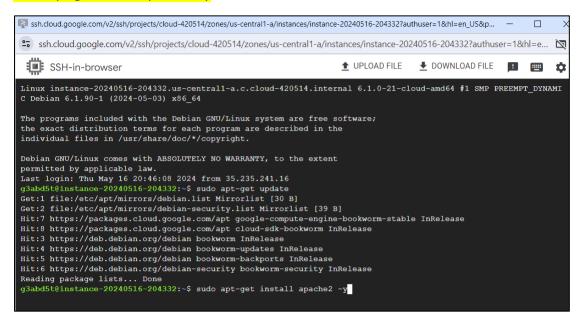
- 2. An SSH window will open.
- 3. Update packages using the Command Line by writing the cmd: apt-get update:





4. Install apache2 server using the Command Line by writing:

sudo apt-get install apache2 -y



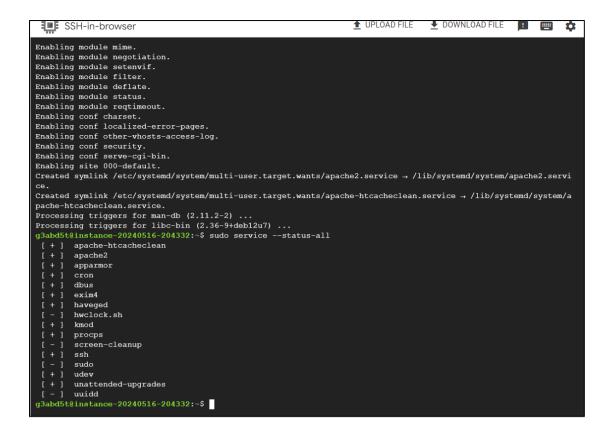
Now the Server is installed on the VM.

Running the server

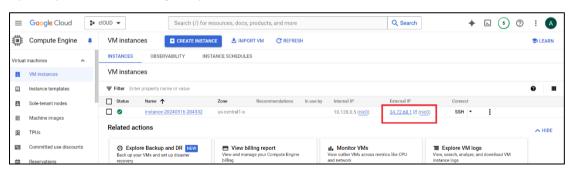
1. To check if the server is working use the Command Line by writing:

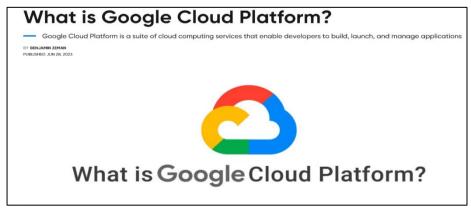
sudo service --status-all





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.

