GCP Project

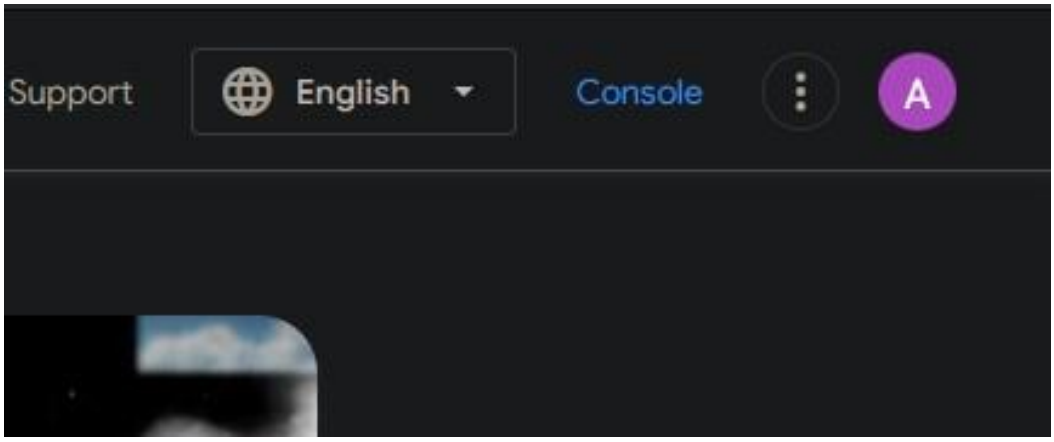
Apache web server on Google cloud

By Abdullah Aldrees.

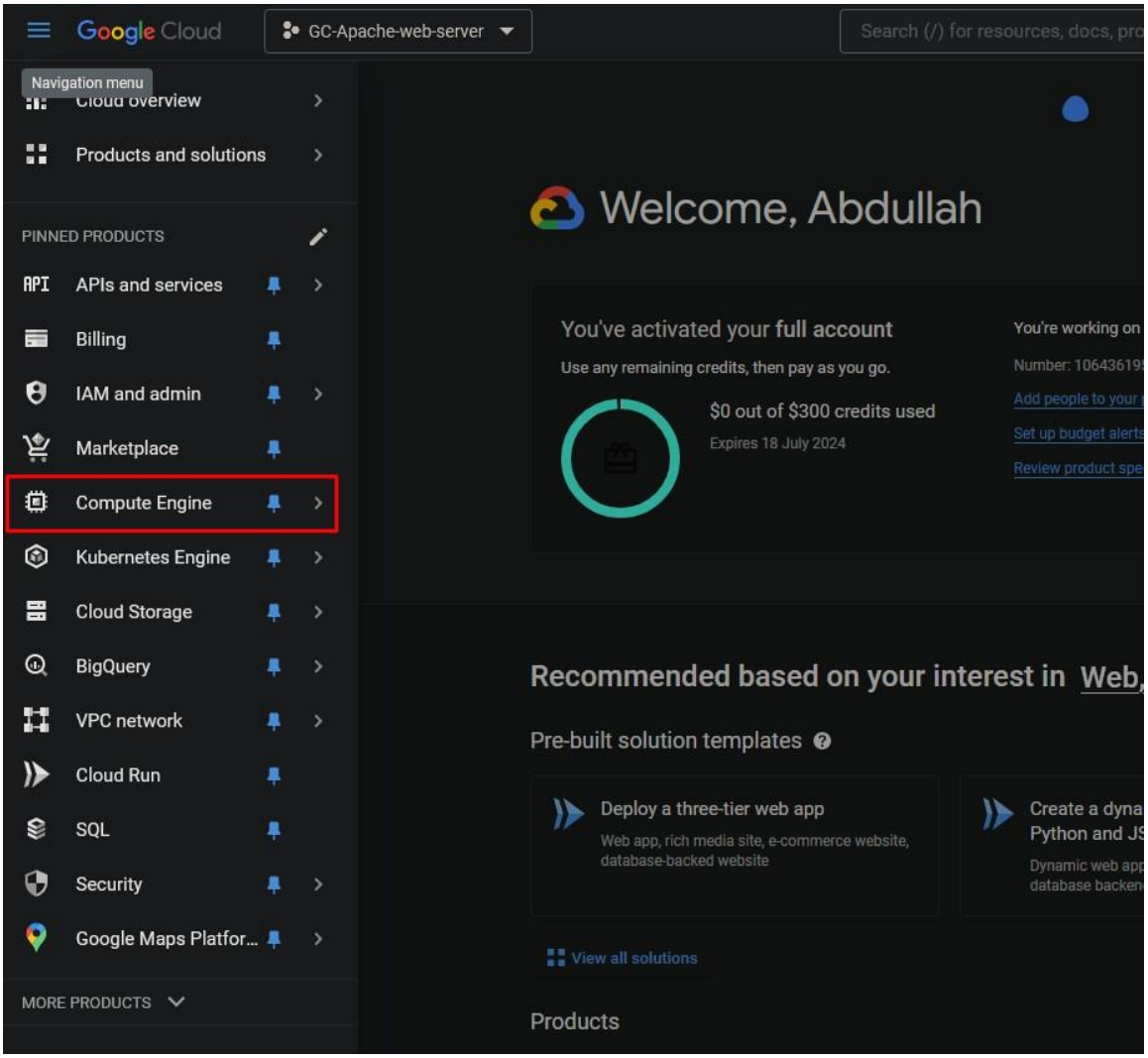
Guideline:

- Make a Google cloud account, or sign in with your regular Google account.
- While signing in, you MUST enter any VISA card you have. Then, activate that card from the bar at the top of the page after signing in.
- Create your own project from top left of the page.

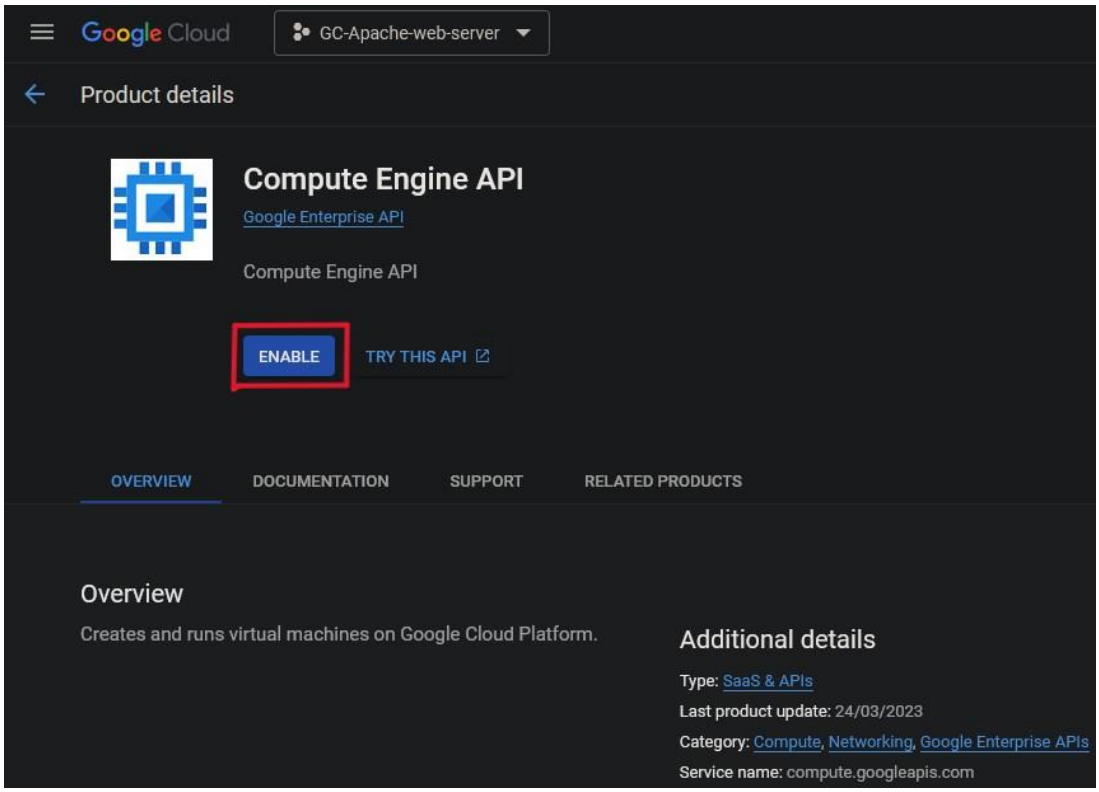
First, after the activating, go to the Console button to create the VM:

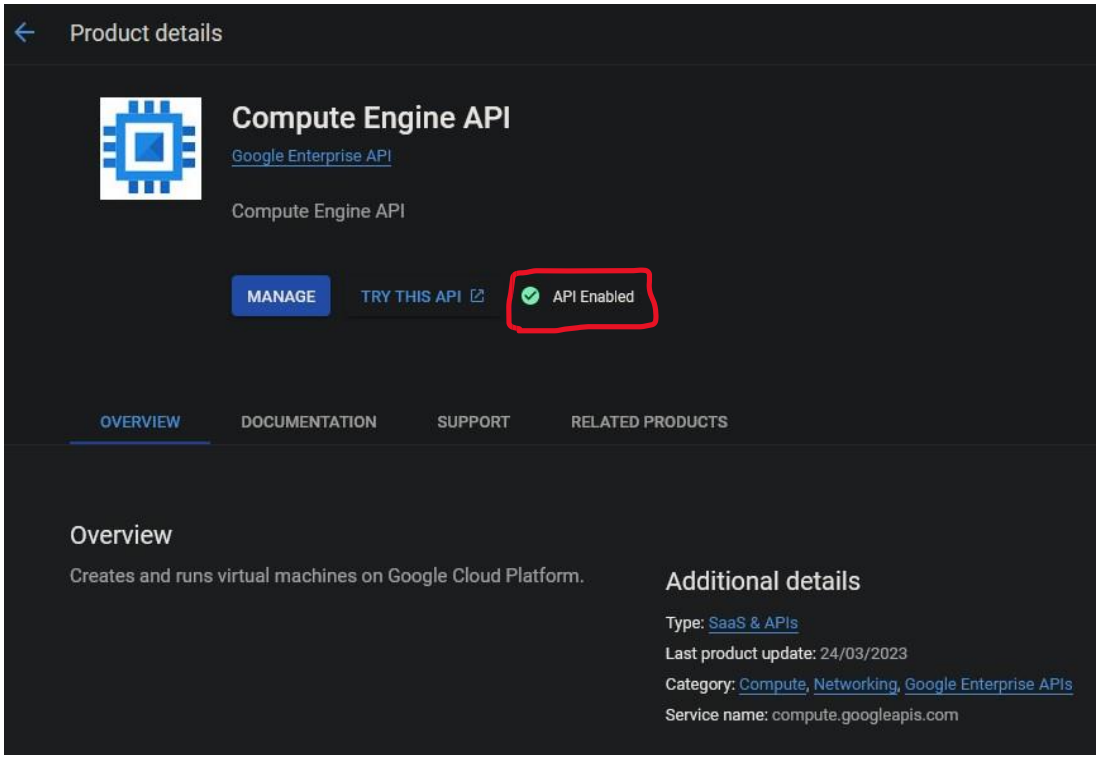


Go to the navigation bar. Then, enter the compute engine option:

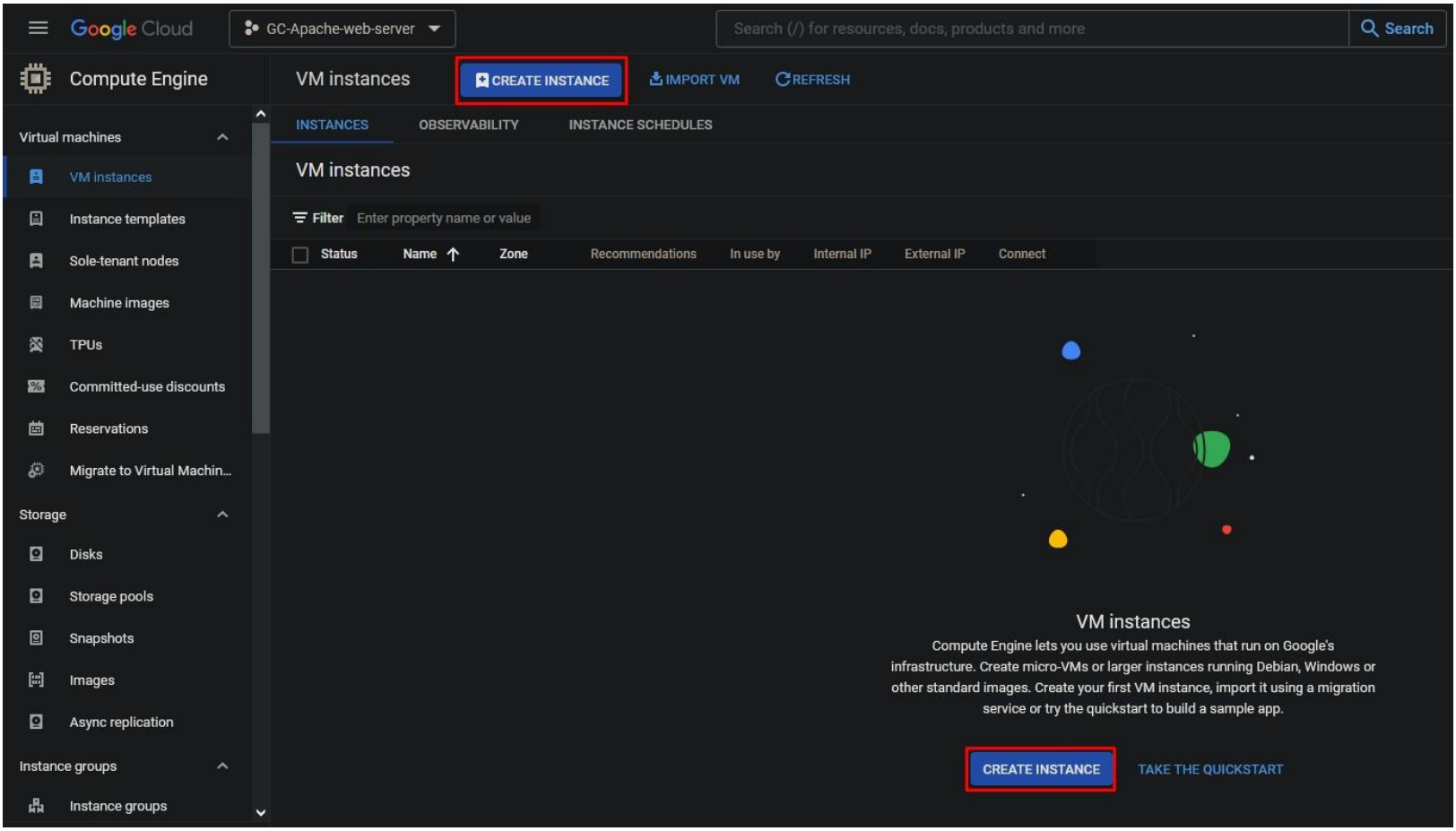


Enable the API:



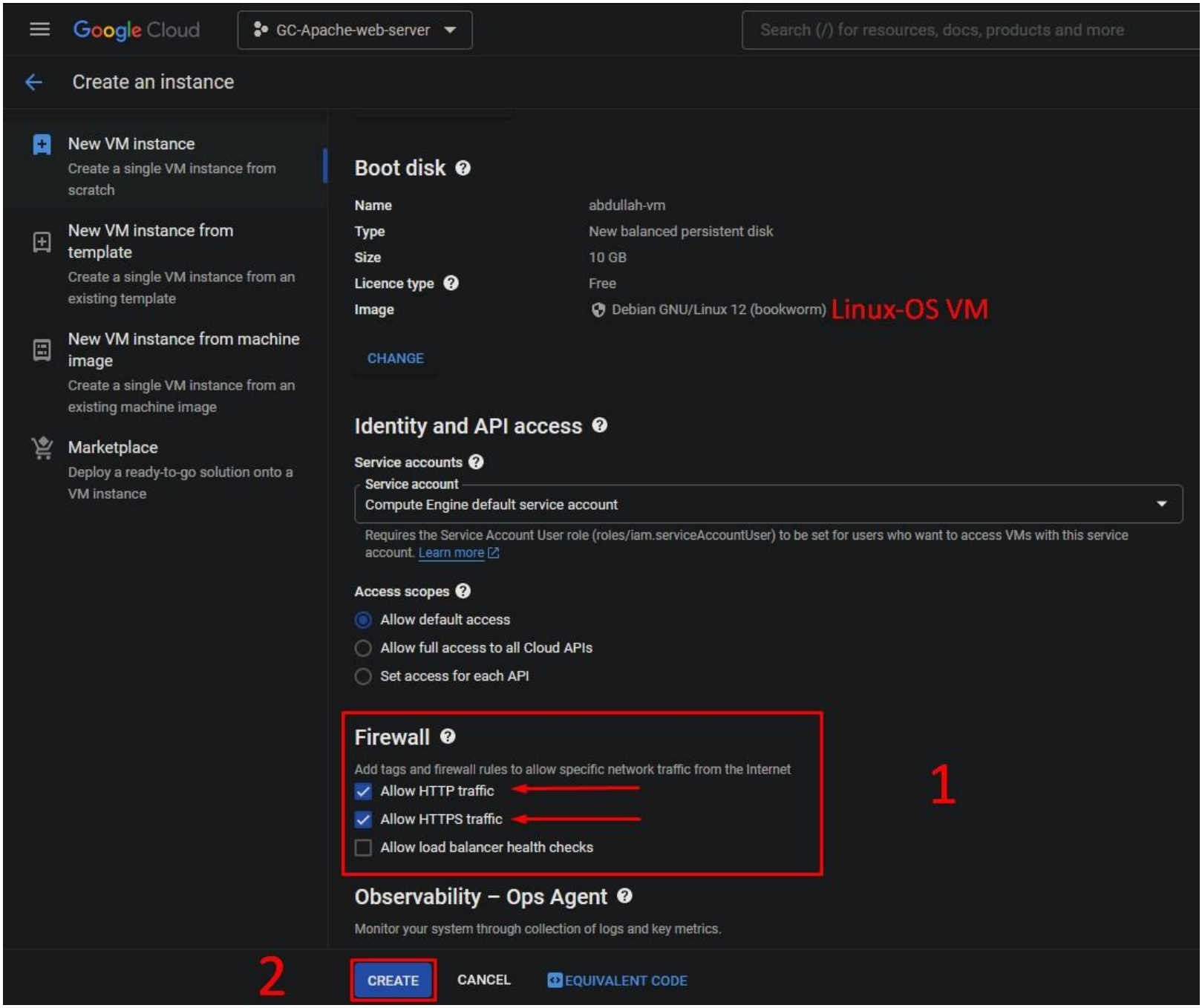


Create first VM by create an instance:

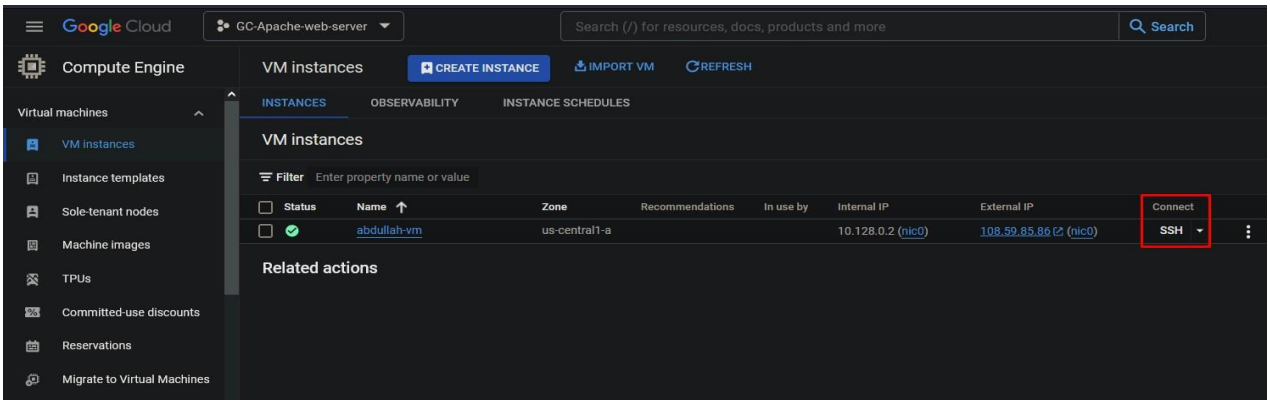


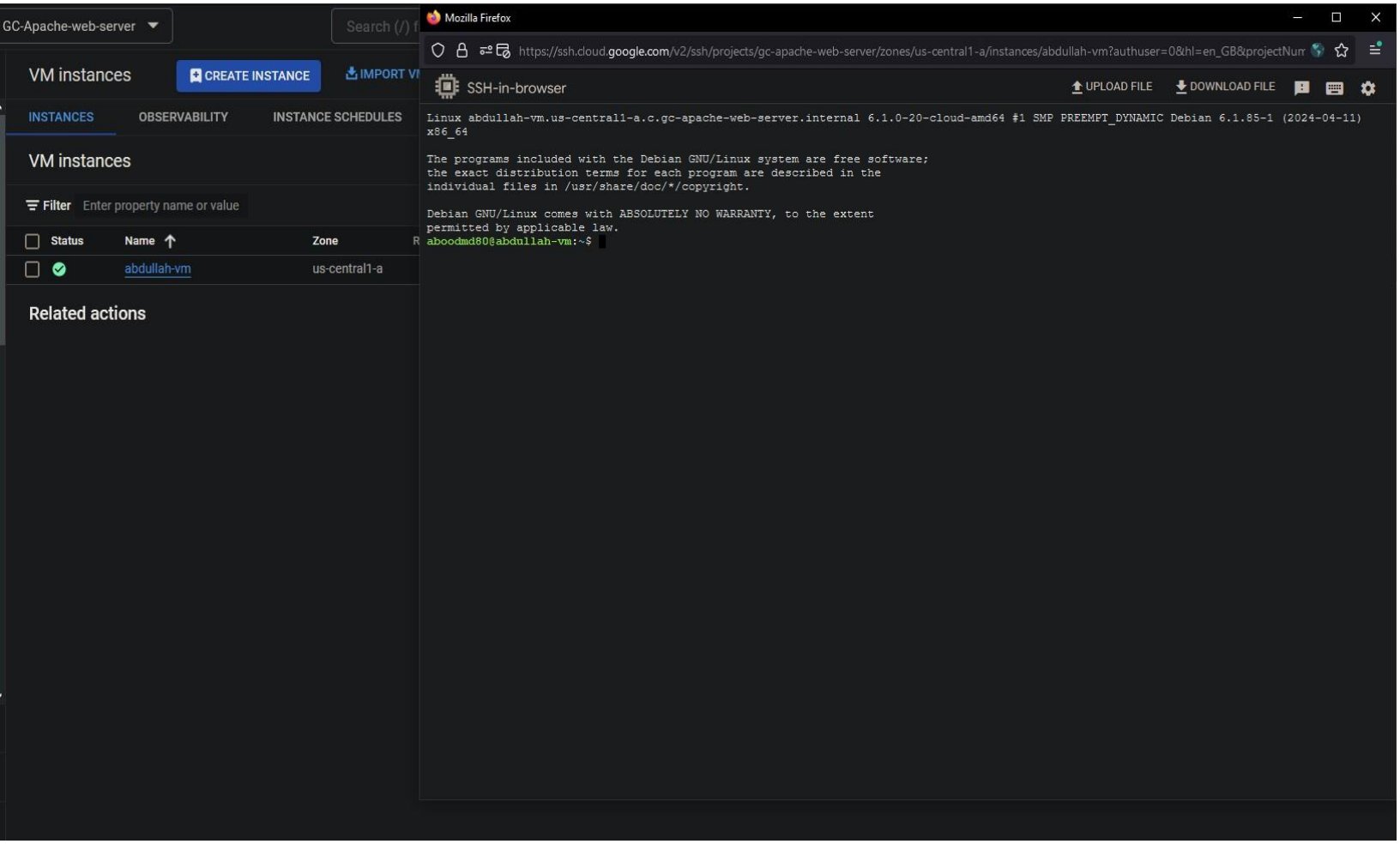
Then choose the name of that instance. Let everything default, and scroll down into Firewall settings...

Make sure the instance is on Linux OS, and change the Firewall settings, then create:



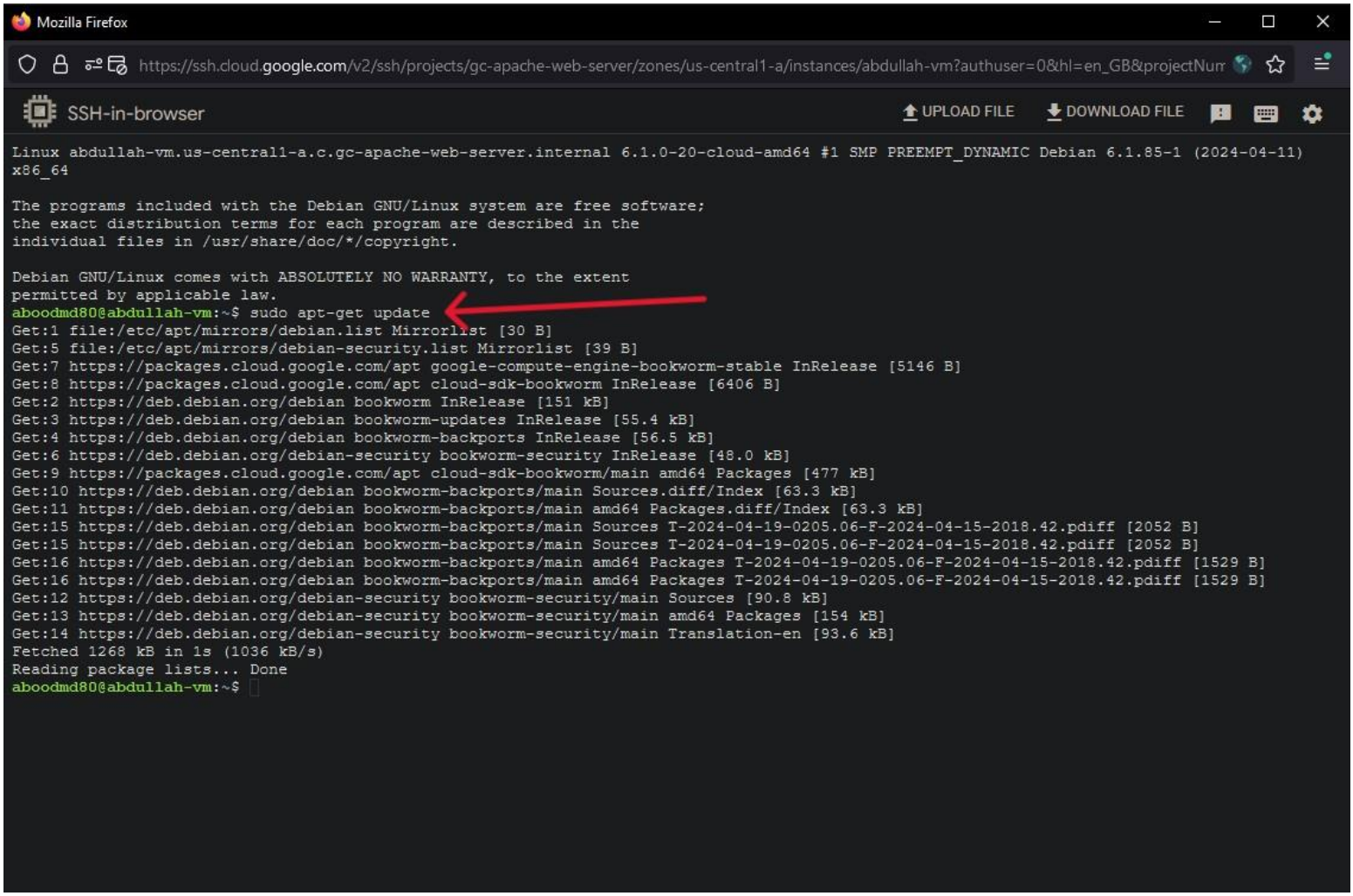
After it has been successfully loaded. Click on the SSH button which takes you another pop-up window:





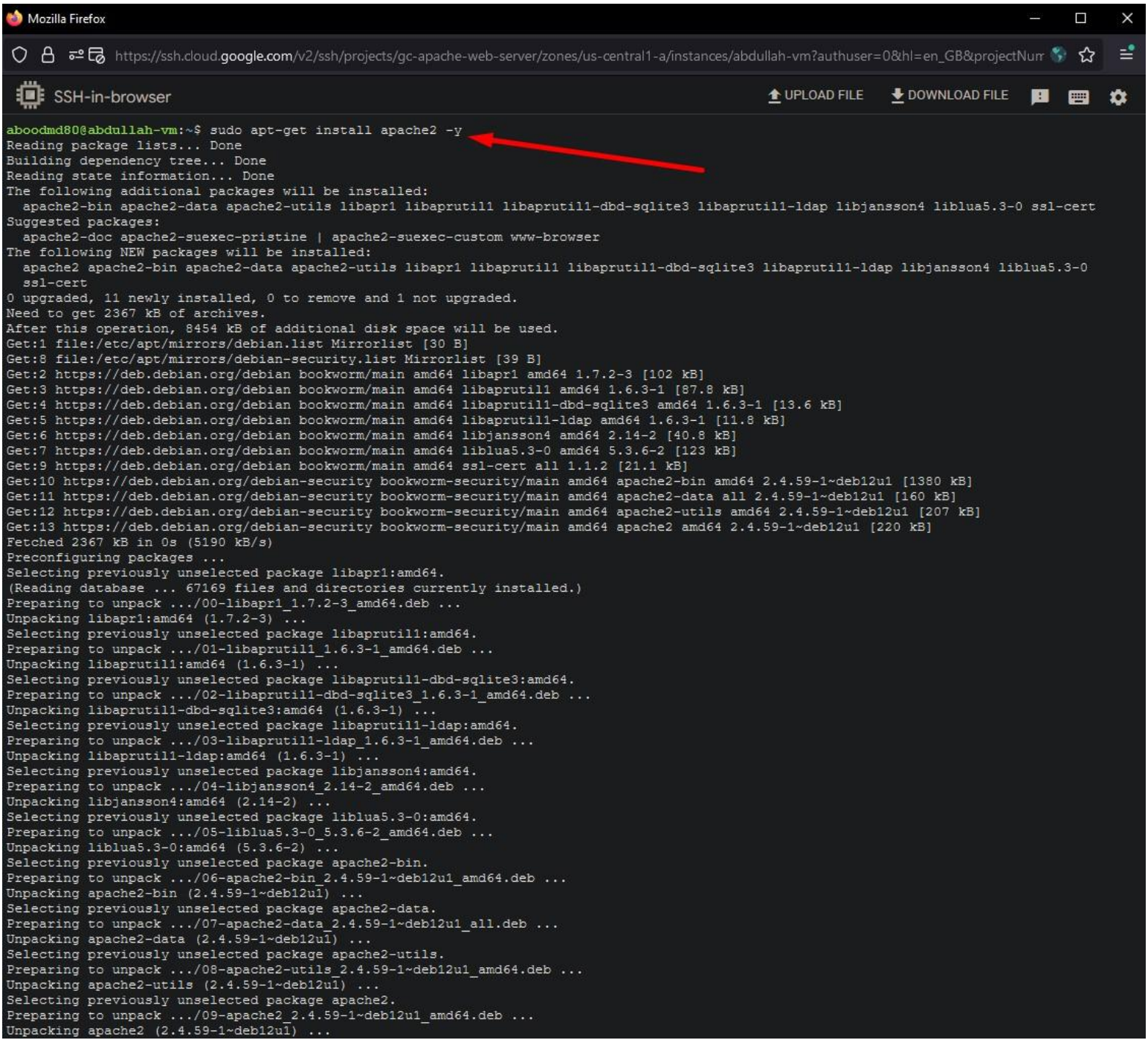
Here is the virtual CMD which you can run your server through, type the command:

sudo apt-get update

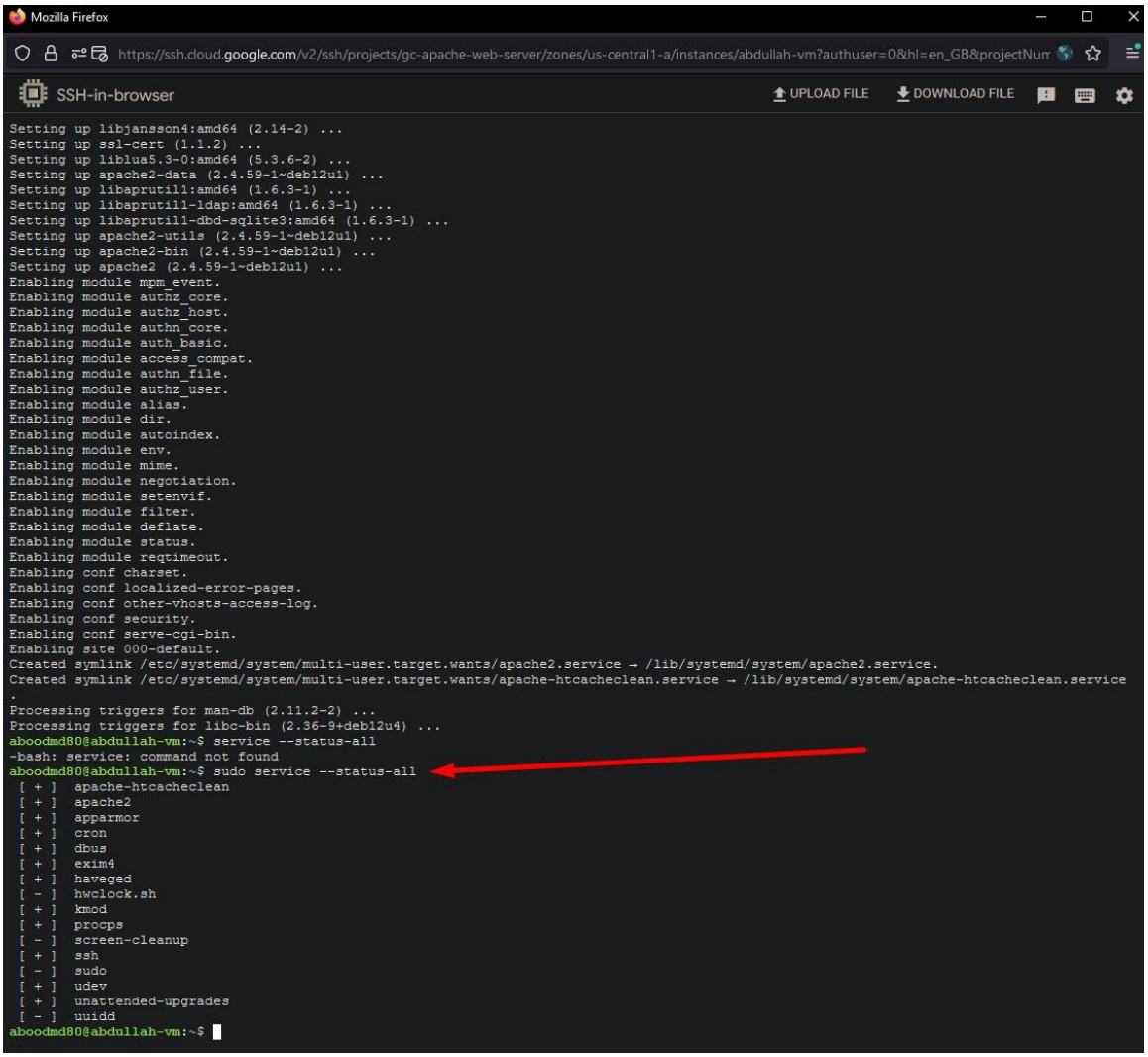


What this command do is update the local package index which is a pre-downloaded packages from a specific database that the OS contacts.

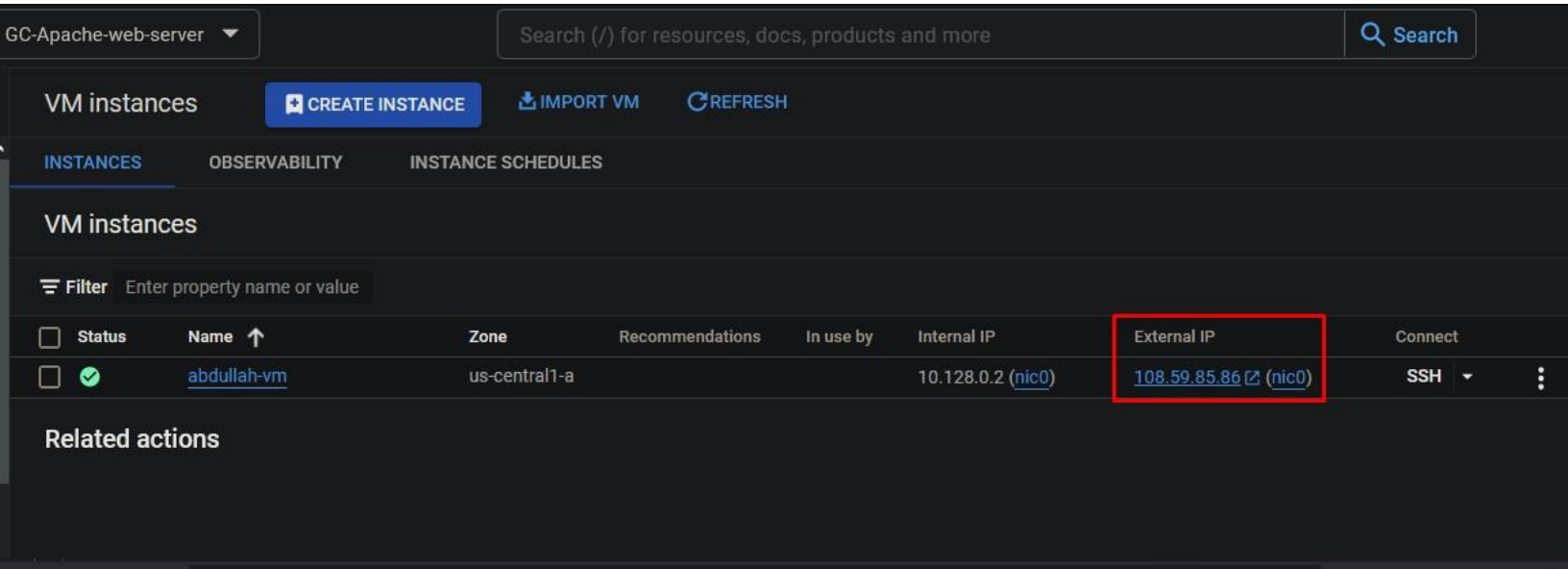
Now we are ready to install apache HTTP server:

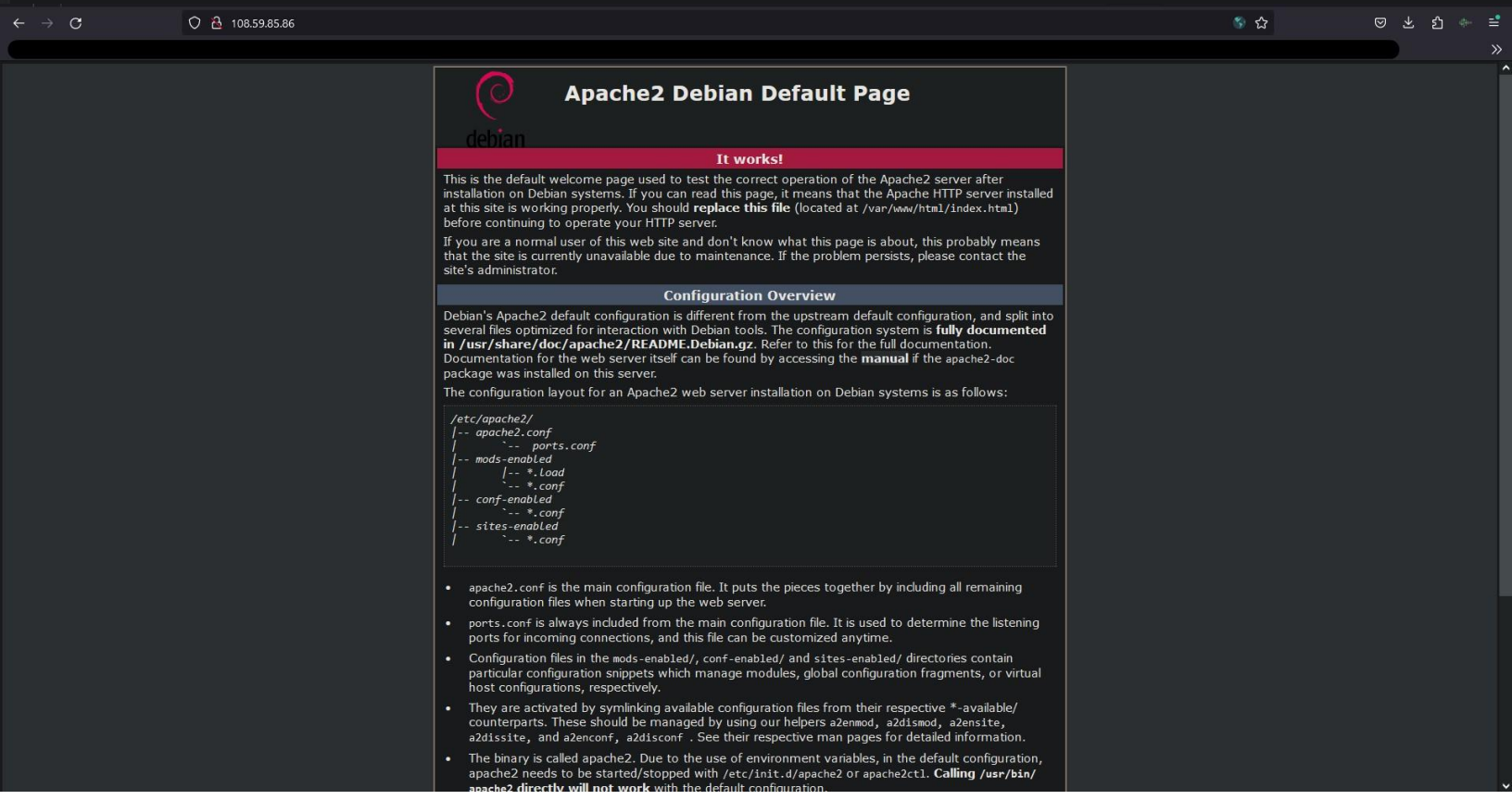


After successfully installed. We could run a command that checks the server's functionality:

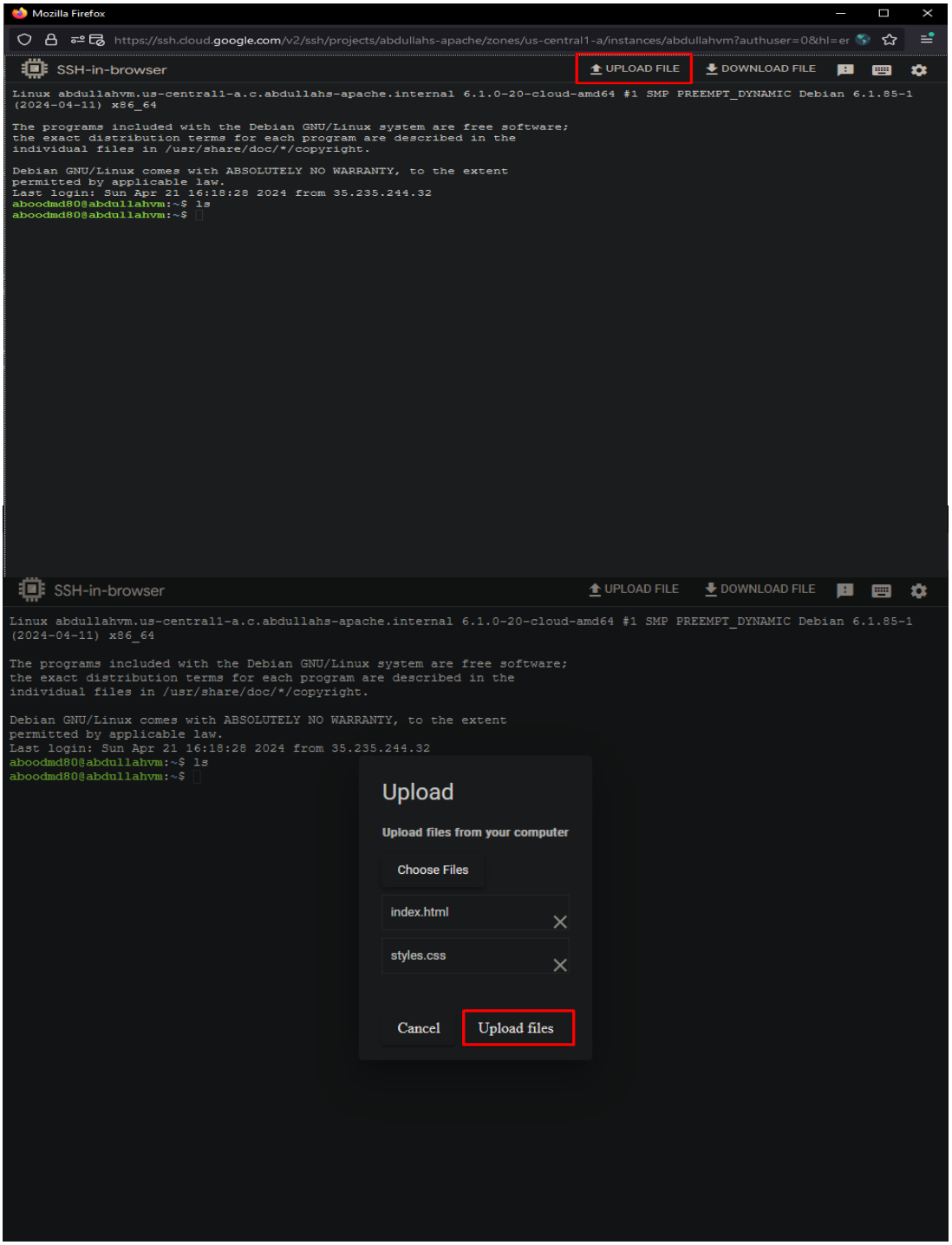


Now exit the CMD and locate the external IP of that machine then press it, now we havean HTTP web page that is public on internet and accessible from any device:

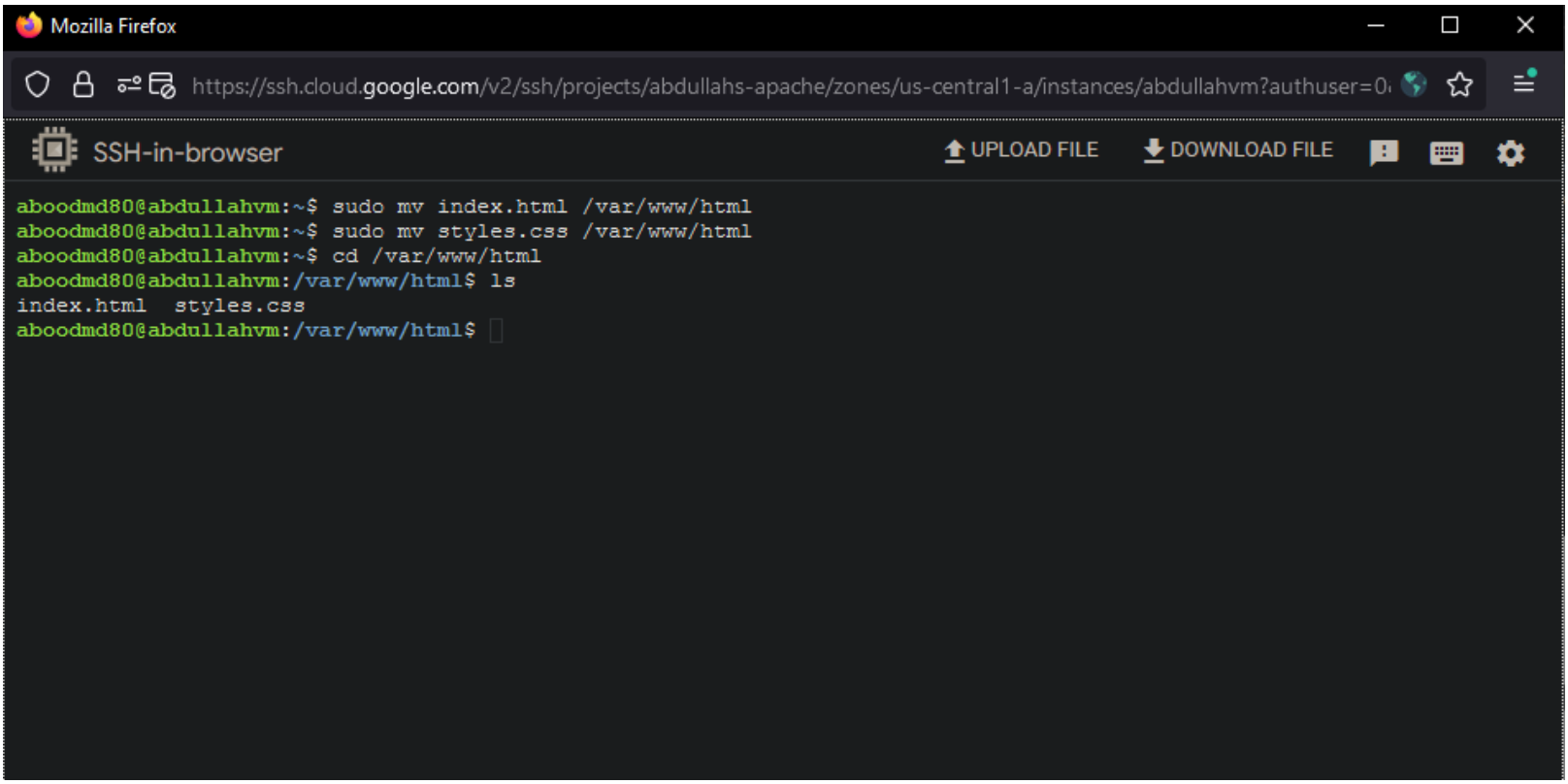




There is nothing remaining except uploading our HTML and CSS files, go back to the SSH button, then go to UPLOAD FILE and locate your files:



Then we are going to move these uploaded files into the location we are going to specify, the location is /var/www/html:



Close the CMD window then go back to External IP link: