

1- Creación de la VM con el archivo de inicio install-python-web.sh

```
gcloud compute instances create mi-instancia \
--tags=http-server \
--metadata-from-file=startup-script=install-python-web.sh
```

2- Abrir el puerto 80 en el firewall:

```
gcloud compute firewall-rules create allow-http --target-tags http-server --source-ranges 0.0.0.0/0 --allow tcp:80
```

3- Conéctate a la máquina virtual:

```
gcloud compute ssh mi-instancia
```

4- Edita el archivo main.py:

```
nano main.py
```

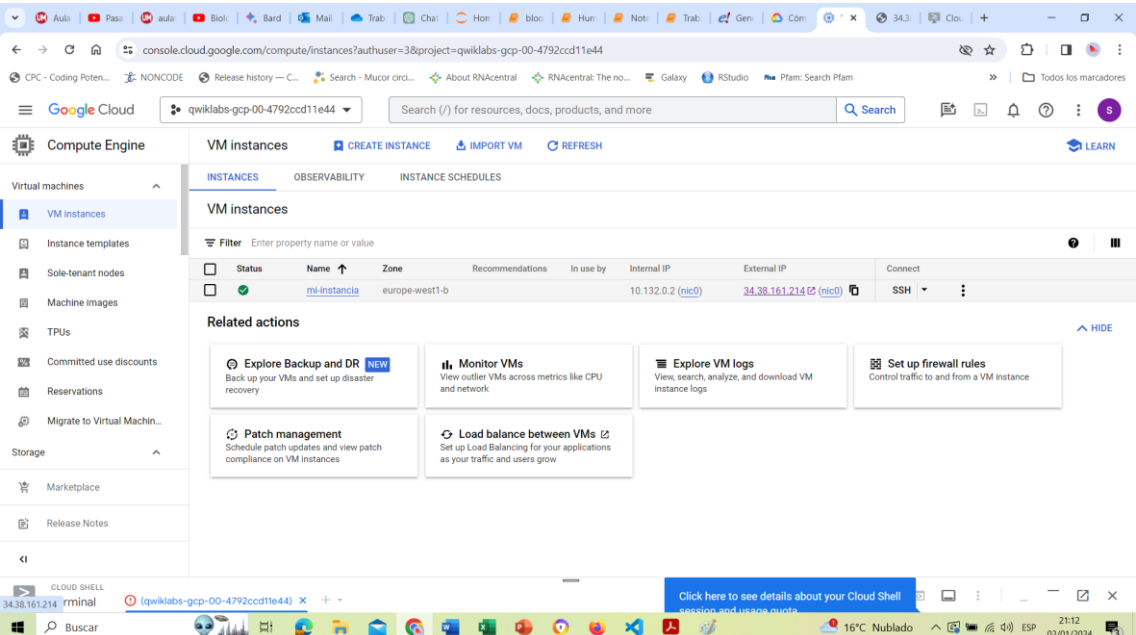
Modificación:

```
return {"message": "Hola soy Ghizlane"}
```

5- Ejecuta la aplicación FastAPI:

```
sudo uvicorn main:app --reload --host=0.0.0.0 --port 80
```

6- Desde la VM, conectarse por la IP externa



The screenshot shows the Google Cloud Platform console interface. The left sidebar displays the 'Compute Engine' section with 'VM instances' selected. The main panel shows a table of VM instances. One instance, named 'mi-instancia', is listed with the following details:

Status	Name	Zone	Recommendations	In use by	Internal IP	External IP	Connect
Running	mi-instancia	europe-west1-b			10.132.0.2 (nic0)	34.38.161.214 (nic0)	SSH

Below the table, there are several 'Related actions' cards, including 'Explore Backup and DR', 'Monitor VMs', 'Explore VM logs', 'Set up firewall rules', 'Patch management', and 'Load balance between VMs'.

RESULTADO

