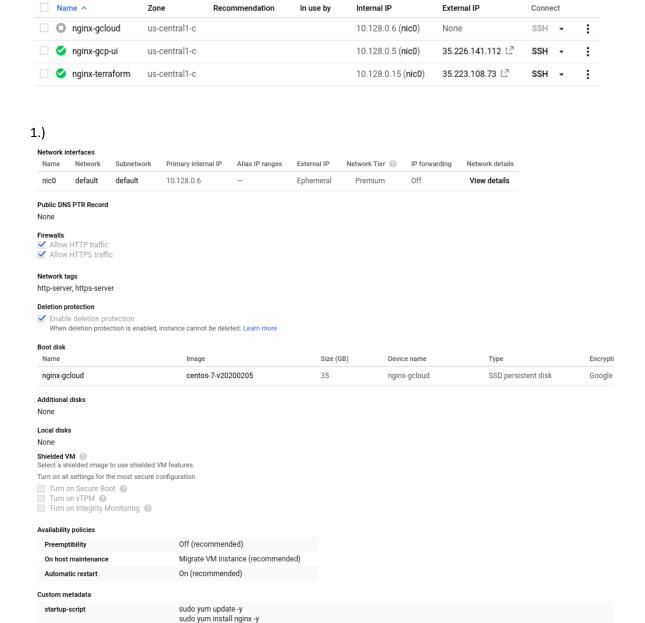
TASK 1

- gcp-ui (complete Lab: google codelabs: VM creation)
- gcloud
- terraform (all settings should be provided via variables (tfvars), add URL ("http://IP.
 Address/" to output)



sudo systemctl restart nginx

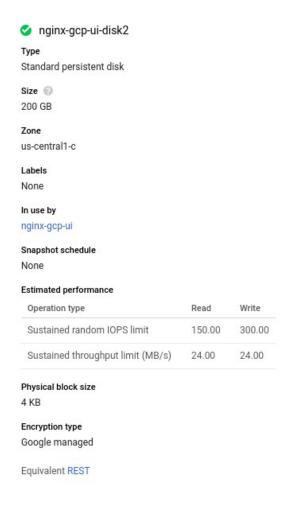
```
[student@localhost ~]$ gcloud beta compute --project=strange-bloom-268208 instances create nginx
-gcloud2 --zone=us-central1-c --machine-type=custom-1-4608 --subnet=default --metadata=startup-
script=sudo\ yum\ update\ -y$'\n'sudo\ yum\ install\ nginx\ -y$'\n'sudo\ systemctl\ restart\ ngi
nx --tags=http-server,https-server --image=centos-7-v20200205 --image-project=centos-cloud --boo
t-disk-size=35GB --boot-disk-type=pd-ssd --boot-disk-device-name=nginx-gcloud --labels=servertyp
e=nginxserver,osfamily=redhat,wayofinstallation=gcloud --reservation-affinity=any --deletion-pro
tection
Created [https://www.googleapis.com/compute/beta/projects/strange-bloom-268208/zones/us-centrall
-c/instances/nginx-gcloud2].
WARNING: Some requests generated warnings:
- Disk size: '35 GB' is larger than image size: '10 GB'. You might need to resize the root repa
rtition manually if the operating system does not support automatic resizing. See https://cloud.
google.com/compute/docs/disks/add-persistent-disk#resize pd for details.
                                                        PREEMPTIBLE INTERNAL IP EXTERNAL IP
NAME
                             MACHINE TYPE
   STATUS
nginx-gcloud2 us-central1-c custom (1 vCPU, 4.50 GiB)
                                                                     10.128.0.17 107.178.214.2
07 RUNNING
[student@localhost ~]$
```

3.) Terraform files is attached

TASK 2

1)

Create Persistent Disk and attach it to one of existing Virtual machine (nginx-gcp-ui).



2) Create terraform configuration to do the same via terraform (use VM: nginx-gcp-terraform).

| Boot disk | | | | |
|----------------------|--------------------|-----------|-------------------|--------------------------|
| Name | Image | Size (GB) | Device name | Туре |
| nginx-terraform | centos-7-v20200205 | 35 | persistent-disk-0 | SSD persistent disk |
| Additional disks | | | | |
| Name | Image | Size (GB) | Device name | Туре |
| nginx-terraform-disk | - | 200 | persistent-disk-1 | Standard persistent disk |

(Terraform files also is attached)