## **DevOps Lab**

## **CLOUD COMPUTE - GCP**

**Compute: Virtual Machine creation** 

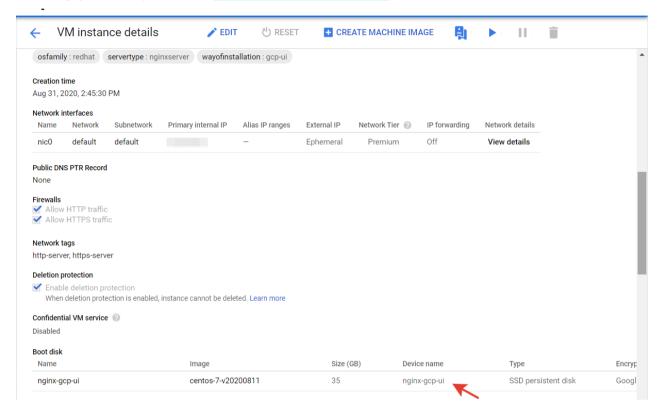
Home task

## TASK 1

It's aiming to gain knowledge about the mechanisms of VMs creation in Google Cloud.

Create Virtual Machine in Google cloud by the following ways:

- gcp-ui (complete Lab: google codelabs: VM creation)



gcloud

```
| goolund compute instances create mginm-qcloud --zone us-centrall-c --custom-openel --custom-
```

 terraform (all settings should be provided via variables (tfvars), add URL ("http://IP. Address/" to output )

## TASK 2

It's aiming to gain knowledge about the mechanisms of Persistent disk creation in Google Cloud.

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

1) Complete Lab goolge codelabs: persistent disk with using your VM name

- 2) Create terraform configuration to do the same via terraform (use VM: nginx-gcp-terraform). For reference:
  - google\_compute\_disk
  - google\_compute\_attached\_disk