- more secure

- Reliable Internet

- Broke Nuo

Google - cloud-google.com labout / Locations + trefronk

Compute Engine -> Zones

that there you can see all the autime zones

## biogerts

. By default there is project named try-first project

For every service, there is API (wel)
There API are Discusse, have to enable it.
API & services -> Library

(Pyreson, More)

WEENT CLT Choud Mark

Sconsole) (personal)

oven cloud

system shull

potivate cloud shell

This is a way to manage the services like we create the project for developer learn and set some quotes one project for production team which has different quotes & limits.

my first Project -> New Project Project name: desproject

Project 10: dwproject-12845

They create project 10 where we can even each it.
This 10 should be unique

Now lauren other project from CLT.

\$ groud projects list \$ ground projects & -- help

\$ geloud projects create prodproject-78978 -- name=prodproject

( to API (wil))

Egoloud projects list

To activate the sorvice of compute engine -> Buildy -> Manage -> :- Enable

\$ geroud revivier list -- project desproject-12345. (To check how many revivier one active)

& quoud revivier list -available -project desproject-12315

\$ great rewises list list -- available -- project desproject-

\$ queud sovices enable compute.googleapis.com - project prodproject-78718

error - because my billey account is not found

prodpageit.

Compute Engine - senance billing - set account

Se 

geloud survices evalue compute garglen pie com

- project prodpagient - 1310

durroject

compute enjoye - VM fretames - comate

- -> Name: Os1
- -> Region: asia-south 1 (Mumbar) -> Zone: asia-south 1-a
- > Machine configuration machine type: nl-sh(1 vepu, 8.75 GB memory)
- -> Boot Alax-siemange

os:ceutas

Vocación; centos 7

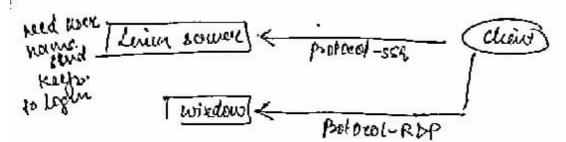
Boot disk type : standard persistent disk 2 Epermanent HDD

volateur you have releved, you google have quen pre-create permand, in last there is option

command line ] their here.

You can wate your own command on CLI would the help of -- help.

Most of the Ilme, in Munici segion, there is not 5 change the instance. So, change the stepion



can connect without these.

Say V ] Sepen in browser window

# bulcomi

see:

\$ sucho su - stost

\$ whomi

soot

# your install betted per

# cat / vax/www/estad/

# le

# cat > index. betal

ruy website by LW

# ls

index. beaut

# Reptement sustant helpd

To connect to this website, GCP house given Public IP (external IP). Copy & paste public IP.

Lifails becoz of Firewall

-> Setup Fixewall Rules -> execute Frewall rule

Name: weballow OInpess <del>Organ</del>e

1 Actour

Toxfet; All instances in the now Destination IP : 0.0.0.0/0

Osperfied pootocols 2 poots 19tep: 80 Now frally you can

.

0

Now many execual Is connect to website I fails

to nie (NIW Crowd)

- elick on (nie)

of your fostall docker

MARS -> VPC (VISARAI Prévade cloud)
When you banner OS , (4 is lamened Printe a easnet (Las)

-NPC Nchwork.

Have descrit up towith have numble lass (subnet) in different segions.

or his derna-

Derbyer :

- UPC NIW- Create UPC rehorsts

Name: upcderproject

News sessent - s Name: Labor

Region: asia-southeast ( Tempapere)
To address songe: 10.0.1.0/24

Prodpoged.

- vpc N/w - Create upc n/w vpc prodprejed

Lobs US-casts (US) 10,0,2.0/24 Prodfageit

Compute enjure - crease

vame: osprad

Region: us-casti (seure carectina) Lone: us-casti-b

Course Contact, 20

→Networking

Newson: Nicosogbiolist

DevProject

Compute Enjine & Creare

osder, asia-contreast (Singapose), 1-a

Contos, Centos, 20

- Networking

No & spederp sofeet

BON UPC

(Nico) - vPC - # vpcdenproject - s fisewall scules

- Create Arewall Rule

Name: myspefixerall

@ Ingress

O Allow

Tayer - All instances in the network

source IP - 0.0.0,0/0

@ALLOWAL!

Couate

NOW you can prize + ssh.

(nico) - myskowaet vsca.

Not-able to ply bear in this use there is no fixeriall rule. So, set firewall rule.

Britis IP - Coogle NIW (full speed assecuting)
Public, IP - Public Insernet

order -> pring executal IP of osprod x

If is not as le to pring their one Pring different upc.

we have to do use seeing (psy provate JIP)

(psy provate IP-, provate JIP)

without subic Internet

Proditagiet

VIC network - UPC network peering - (reale connections)

Connect 2 VPC networks which can reduce latency,

cost 4 fractione security. (Using google NIW)

\_, continue ->
Name = prodpeesing

tem to return = upephapsesect

① In another project

[roject ID & desproject-131018

VPC NIW name: upcamproject

Cheate

Storas - Inactive

Is you need to configure to other eide also

Nover despears

Project 10: prodproject -12215 vpc new name: upoproject

Now piny from awas to produce