

GCP Assignment 2

Create an instance A in default VPC

1. Click on create an instance
2. Using the correct conventions, name the instance
3. Select the region and zone for the instance
4. Select the machine type as f1 Micro
5. Check the network interface as default
6. Click on create

Launch instance B with only private ip in default VPC in different zone.

1. Click on create an instance
2. Using the correct conventions, name the instance
3. Select the region and zone for the instance
4. Select the machine type as f1 Micro
5. Check the network interface and set the external IP to none (Thus creating a private instance)
6. Click on create

Configure NAT so instance can access Internet.

1. Go to Cloud NAT
2. Enter the gateway name
3. Select whichever VPC Network is required
4. Select the region
5. Create a cloud router
6. In NAT Mapping select 'Primary ranges for all subnets'
7. Click on create. Private subnets in that region are connected to the internet.

SSH into Instance B using instance A and try to install nginx.

1. Open the SSH Terminal of public instance
2. Enter the ssh private-instance-name
3. Enter the command:
`sudo apt-get install nginx`