

Accessing a VM

1. PLEASE DO NOT CREATE A VM WITHOUT EXPLICIT PERMISSION.

2. Install [gsutil](#) on your machine.
3. Open google cloud console on a browser and set the project as MacroX. Then on the side navigation menu click on "Compute Engine -> VM instances"
4. Check the zone of the VM instance you wish to access
5. Make sure your email address has compute admin role. If not ask Ajinkya or Apurv to add that role.
6. Install google cloud [cli](#) on your local machine.
7. During installation put in your email address (@macroxstudio.com) and the zone of the VM (us-east1-b or us-central1-a). Set project as macrox01. You can always change the zone and project later using the following command:
 - a. `gcloud config set compute/zone "us-east1-b"`
 - b. `gcloud config set project macrox01`
8. Once the installation is complete, enter the following command to access the VM:
 - a. `START /B gcloud beta compute ssh --zone "us-east1-b" your_name@vm_name --project "macrox01"`
 - i. `Eg. START /B gcloud beta compute ssh --zone "us-east1-b" ajinkya@airflow --project "macrox01"`
9. VM terminal will open

Sending files from local machine to VM

1. Open a new terminal on your local machine and navigate to the file location
2. Use the following command to send files from local machine to VM:
 - a. `gcloud compute scp file_in_local_machine your_name@vm_name:folder_name/file_name`

3. Install necessary libraries and run the file

Start/Stop a VM

1. Open google cloud console on a browser and set the project as MacroX. Then on the side navigation menu click on "Compute Engine -> VM instances". Select the VM you want to start and click on Start button at the top.

OR

2. Open a terminal on your local machine and use the following commands:
 - a. `gcloud compute instances start vm_name`
 - b. `gcloud compute instances stop vm_name`

Accessing a GCS bucket

1. Open google cloud console on a browser and set the project as MacroX. Then on the side navigation menu click on "Cloud Storage -> Buckets". You should see a list of all the buckets in the project
2. For uploading files to GCS bucket follow [this](#)