GOAL : Create a role that allows a user to start /stop compute engine instances but do not delete them

➢ GO TO IAM AND ADMIN

Add these three permissions

Create
Now we will bind it to a user at a project level

GO TO IAM AND GRAND ACCESS

IAM & Admin / IAM

- IAM
- PAM
- Principal Access Boun...
- Organizations
- Identity & Organization
- Policy Troubleshooter
- Policy Analyzer
- Organization Policies
- Service Accounts
- Workload Identity Fede...
- Workforce Identity Fed...
- Labels

IAM

Allow   Deny   Recommendations history

Permissions for project "flipkart-dev"

These permissions affect this project and all of its resources. Learn more ⧉

View by principals   View by roles

+ Grant access   − Remove access

Filter   Enter property name or value

	Type	Principal ↑	Name	Role
☐		751032658160-	Compute Engine	Edito

Grant access to "flipkart-dev"

Grant principals access to this resource and add roles to specify what actions the principals can take. Optionally, add conditions to grant access to principals only when a specific criteria is met. Learn more about IAM conditions ☑

Resource

⚙ flipkart-dev

Add principals

Principals are users, groups, domains, or service accounts. Learn more about principals in IAM ☑

[handwritten: mail of the user to whom you want permission to give]

New principals *
parulawsac@gmail.com ✕   ⑦

Assign roles

Roles are composed of sets of permissions and determine what the principal can do with this resource. Learn more ☑

Role *
machineoperator   ▼

Created on: 2025-09-2_

[handwritten: custom role.]

IAM condition (optional) ⑦
+ Add IAM condition   🗑

+ Add another role

Save   Cancel

IAM

Allow   Deny   Recommendations history

View by principals   View by roles

+ Grant access   - Remove access

≡ Filter   Enter property name or value

	Type	Principal ↑	Name	Role	Security insig
☐	🖳	751032658160-compute@developer.gserviceaccount.com	Compute Engine default service account	Editor	
☐	🖳	myac-994@flipkart-dev-471511.iam.gserviceaccount.com	myac	Storage Object Viewer	
☐	🖳	mysrviceaccount@flipkart-dev-471511.iam.gserviceaccount.com	mysrviceaccount	Owner	
☐	👤	parulawsac@gmail.com		machineoperator	
☐	🖳	project-751032658160@storage-transfer-service.iam.gserviceaccount.com		Pub/Sub Editor	
☐	👤	thec	Policy updated. It may take a few minutes for these	Owner	

Open incognito and login to the mail id parulawsac@gmail.com (or the mail to which u have given permission to)

IN case you have not received the mail or you are not able to see the project from your principal account
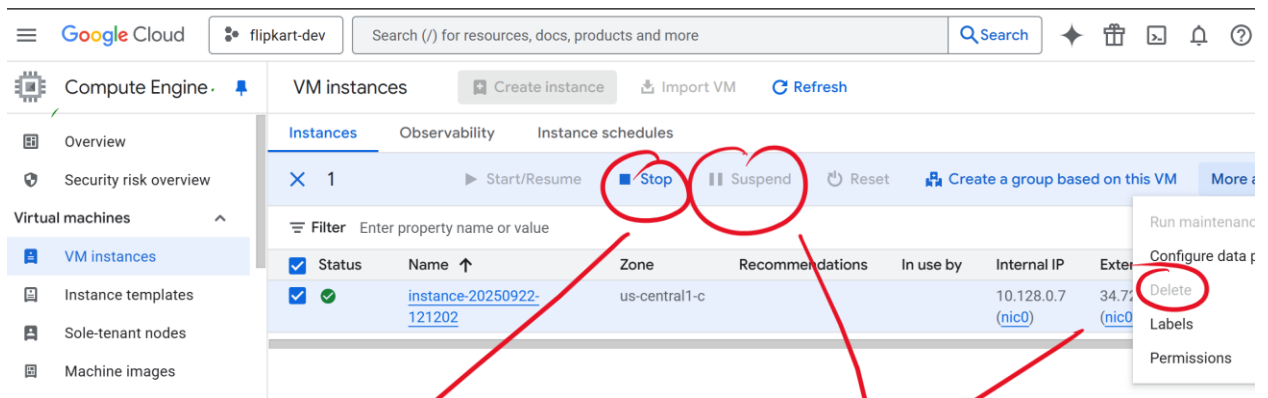Then open like this
https://console.cloud.google.com/compute/instances?**project=flipkart-dev-471511**
(Here project = flikart-dev-471511 is your project id…you can check from the admin link itself)

Go to the root account and create a Virtual machine from there

Admin a/c
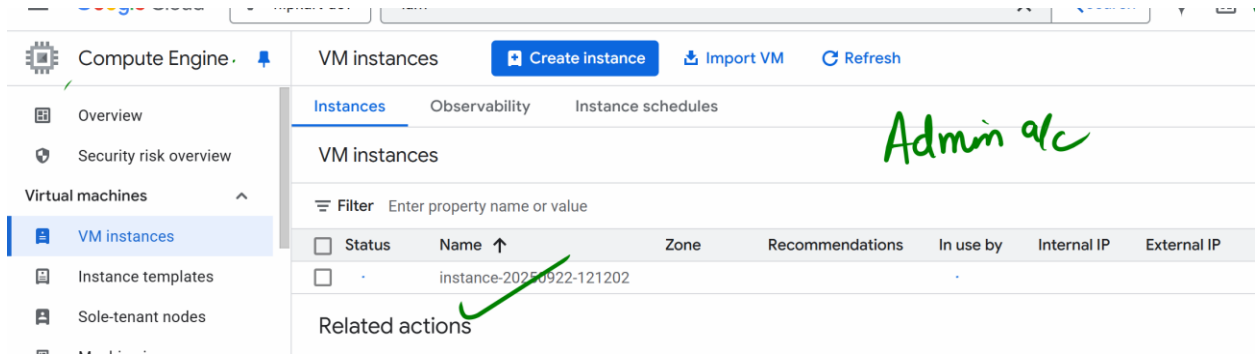
Go to the principal custom role account

Parulawsac a/c

Stop permission is there

permission's not there