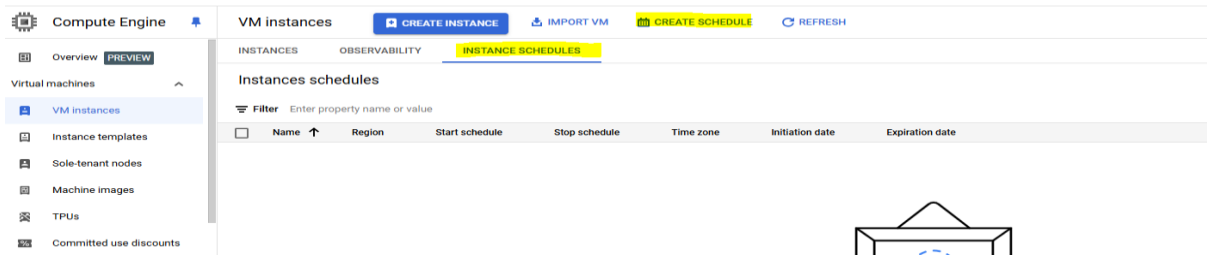In this lab we will create a schedule to start and stop a Vm instance. This is a great cost saving method.

1) Go to VM Instance page>Instance schedules and click create schedule

2) Fille details like name, region (same as of VM), start and stop time, time zone and date

Create a new schedule

Use CRON expression ❓

Name *
vmschedule ❓

Name is permanent

Description

Region *
us-central1 (Iowa) ▼ ❓

Start time
08:30 PM

Stop time
06:00 PM

Time zone
India Standard Time (IST) ▼

Initiate date
1/13/25, 12:00 AM IST 📅

If left empty, schedule will take effect immediately

End date
1/16/25, 12:00 AM IST 📅

If left empty, schedule will run indefinitely until it is deleted.

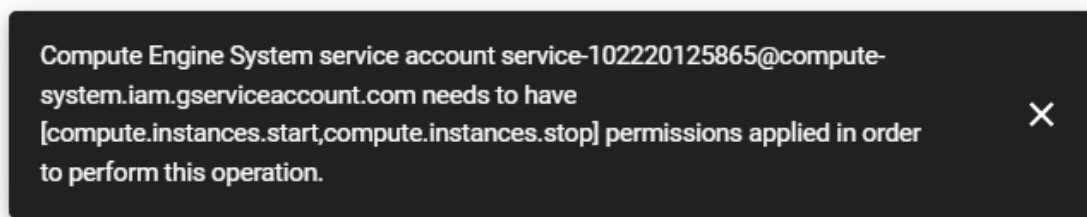**Frequency ***
Repeat daily ▼

SUBMIT   CANCEL

3) Now go to the schedule just created and try adding vm to it

4) It should give an error like below

5) Now we need to provide IAM permissions to the instance to use the schedule. For that run below in the cli

**gcloud projects add-iam-policy-binding REPLACE_WITH_PROJECT_ID **

**--member "serviceAccount:service-xxxxxxx@compute-system.iam.gserviceaccount.com" **

--role "roles/compute.instanceAdmin.v1"

Note:- update your project ID with <replace_with_project_id> and <xxxxxxxx> needs to be replaced with the compute engine system service account, which can be either copied from the error in previous step or from "API and identity management" page under instance

6) Open CLI and run above command

7) Once command complete successfully, try adding the vm again to schedule

Add instances to schedule

Only instances in the same region as the instance schedule are shown.

	Name ↑	Zone	Creation time	Machine type	Labels
☑	myvm1	us-central1-f	Jan 10, 2025, 8:22:55 AM UTC+05:30	e2-medium	

ADD   CANCEL

8) Now should be able to attach schedule to the VM