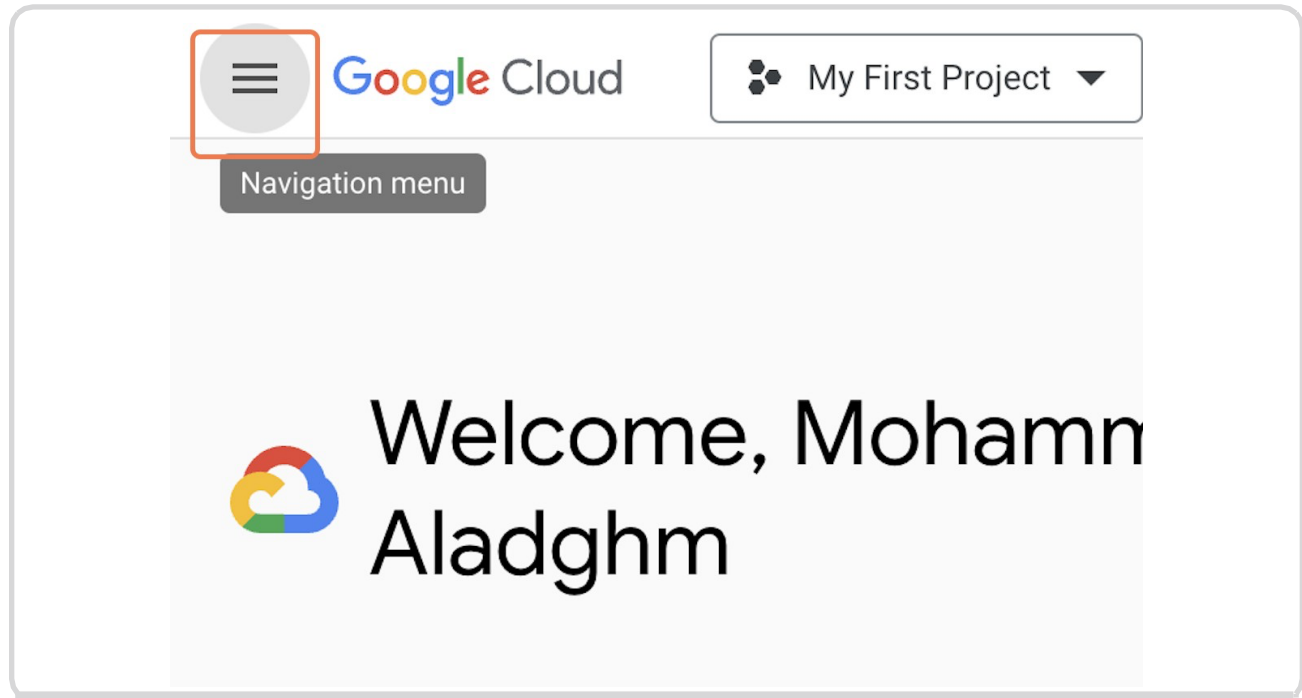


Creating a VM Instance in Google Cloud Console for Lab1

Created by:
Mohammed Nasser Aladgham

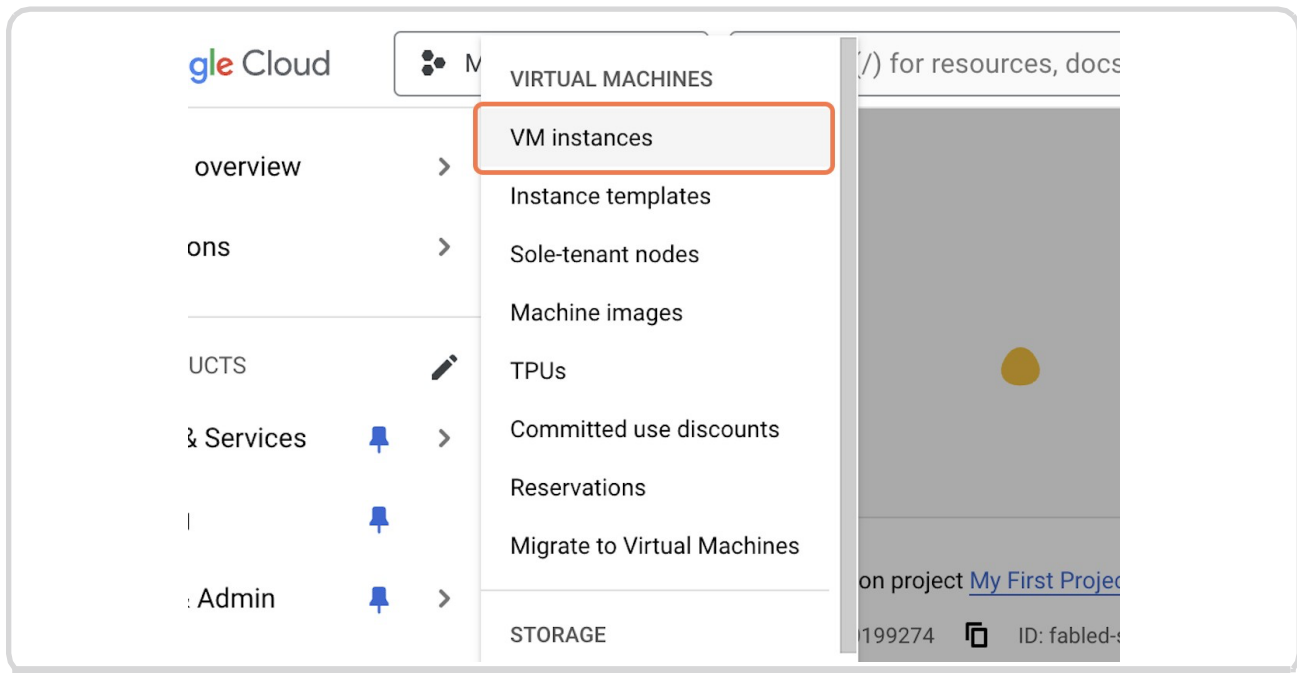
STEP 1

Click on Navigation menu



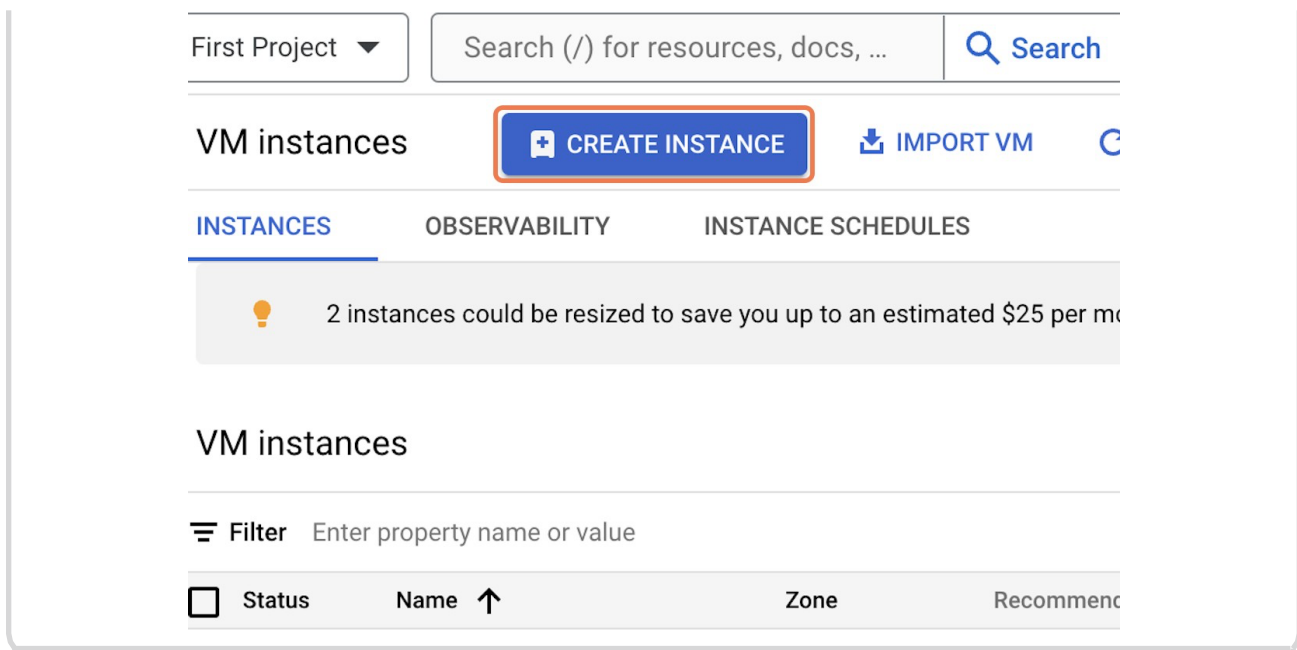
STEP 2

Click on VM instances.



STEP 3

Click on **CREATE INSTANCE**



STEP 4

Type "lab1"

New VM instance from template
Create a single VM instance from an existing template

New VM instance from machine image
Create a single VM instance from an existing machine image

Marketplace
Deploy a ready-to-go solution onto a VM instance

Name *
lab1

MANAGE TAGS AND LABELS

Region *
us-central1 (Iowa)
Region is permanent

Zone *
Any
Google will choose a zone on your behalf, maximizing VM obtainability. Zone is permanent.

Machine configuration

☒ General purpose ☐ Compute optimized ☐ Memory optimized ☐ Storage optimized **NEW** ☐ GPUs

Machine types for common workloads, optimized for cost and flexibility

Series	Description	vCPUs	Memory	Platform
<input type="radio"/> N4	Flexible & cost-optimized	2 - 80	4 - 640 GB	Intel Emerald F
<input type="radio"/> C3	Consistently high performance	4 - 176	8 - 1,408 GB	Intel Sapphire
<input type="radio"/> C3D	Consistently high performance	4 - 360	8 - 2,880 GB	AMD Genoa
<input checked="" type="radio"/> E2	Low cost, day-to-day computing	0.25 - 32	1 - 128 GB	Based on avail

CREATE **CANCEL** [EQUIVALENT CODE](#)

STEP 5

Click on New VM instance...

Container

Deploy a container image to this VM instance

DEPLOY CONTAINER

Boot disk

Name	Lab1
Type	New balanced persistent disk
Size	10 GB
License type	Free
Image	Debian GNU/Linux 12 (bookworm)

CHANGE

Identity and API access

Service accounts

CREATE **CANCEL** [EQUIVALENT CODE](#)

STEP 6

Check Allow HTTP traffic.

te	<input type="radio"/> Set access for each API
ance from machine	Firewall ?
VM instance from an ie image	Add tags and firewall rules to allow :
to-go solution onto a	<input checked="" type="checkbox"/> Allow HTTP traffic
	<input type="checkbox"/> Allow HTTPS traffic
	<input type="checkbox"/> Allow Load Balancer Health C
	Observability - Ops Aq
	Monitor your system through collect

STEP 8

Check Allow HTTPS traffic.

VM instance from an ie image	Firewall ?
to-go solution onto a	Add tags and firewall rules to allow :
	<input checked="" type="checkbox"/> Allow HTTP traffic
	<input checked="" type="checkbox"/> Allow HTTPS traffic
	<input type="checkbox"/> Allow Load Balancer Health C
	Observability - Ops Aq
	Monitor your system through collect

STEP 9

Click on **CREATE**

Observability - Ops Agent

Monitor your system through collection of logs, metrics, and traces.


☐ Install Ops Agent for Monitoring and Troubleshooting

Advanced options

Networking, disks, security, management, and more.

CREATE

CANCEL

 EQUIV

STEP 10

Click on **CREATE**

Add tags and firewall rules to allow specific traffic.

☒ Allow HTTP traffic

☒ Allow HTTPS traffic

☐ Allow Load Balancer Health Checks


Observability - Ops Agent

Monitor your system through collection of logs, metrics, and traces.

☐ Install Ops Agent for Monitoring and Troubleshooting

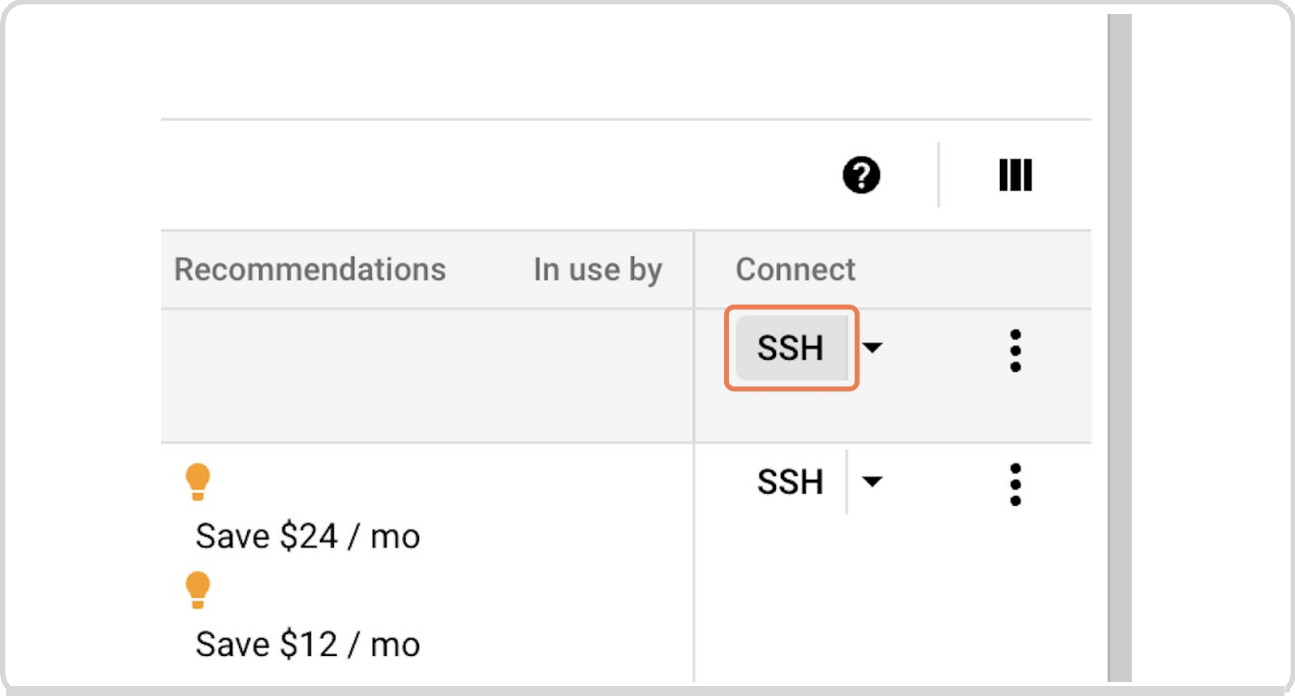
CREATE



CANCEL

 EQUIV

STEP 10

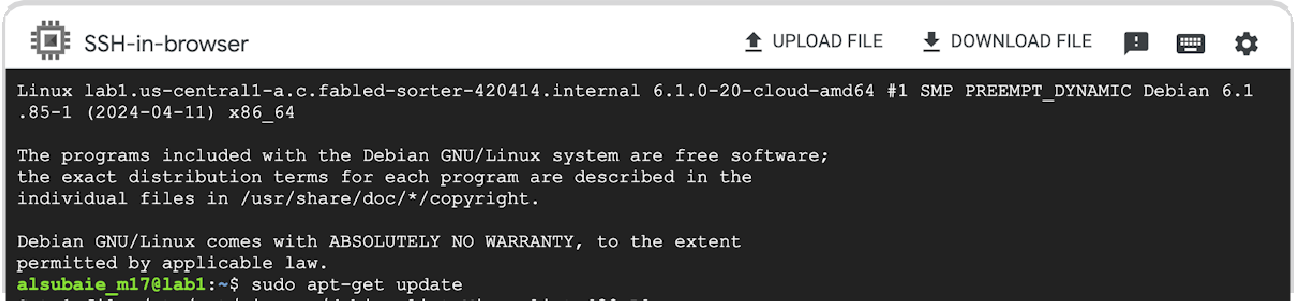
Click on SSH



 [ssh/cloud/google/com_v2_ssh_projects_fa...](#) 4 Steps 

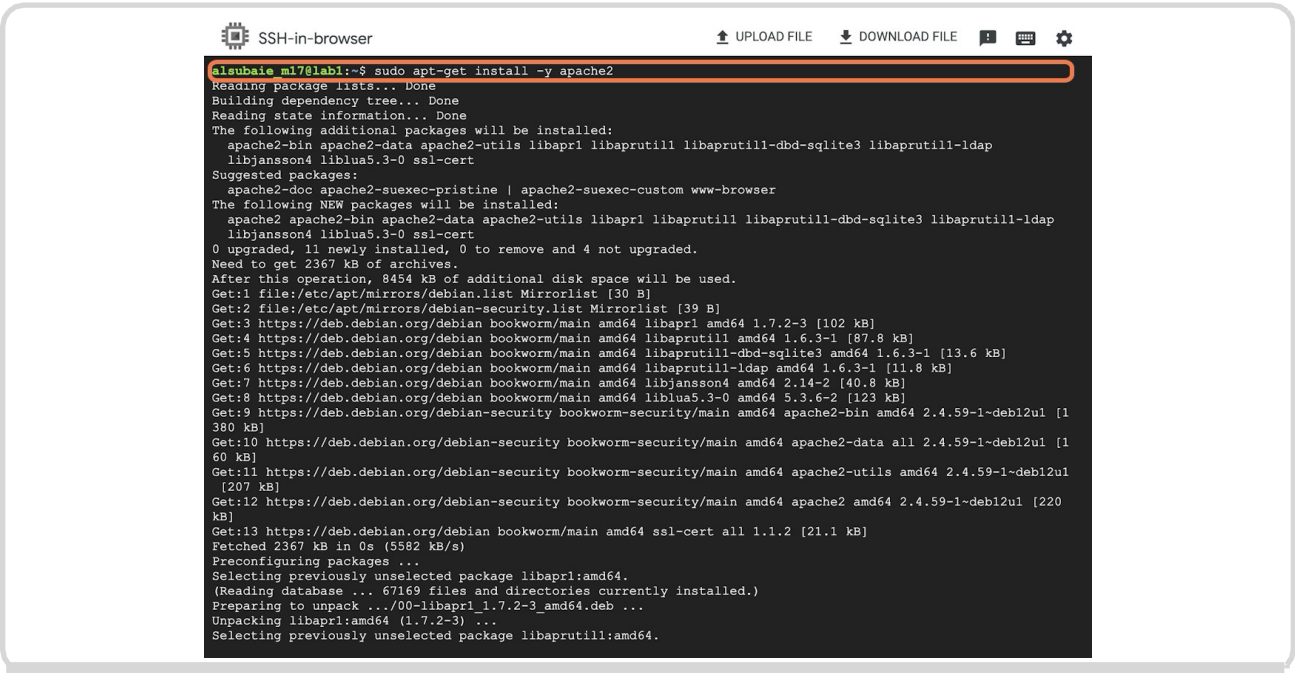
STEP 11

type alsubaie@m18:lab1~\$-sudoapt=getupdate



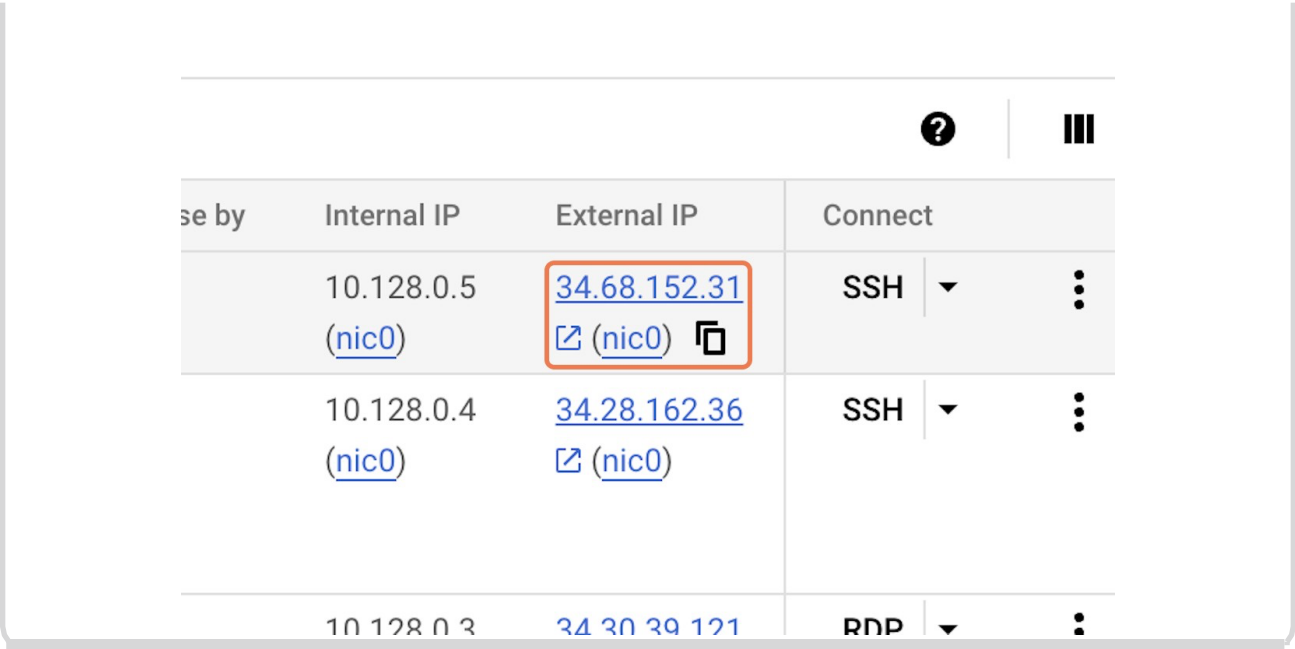
STEP 12

type alsubaie@m18:lab1~\$-sudoapt=install=yapache2

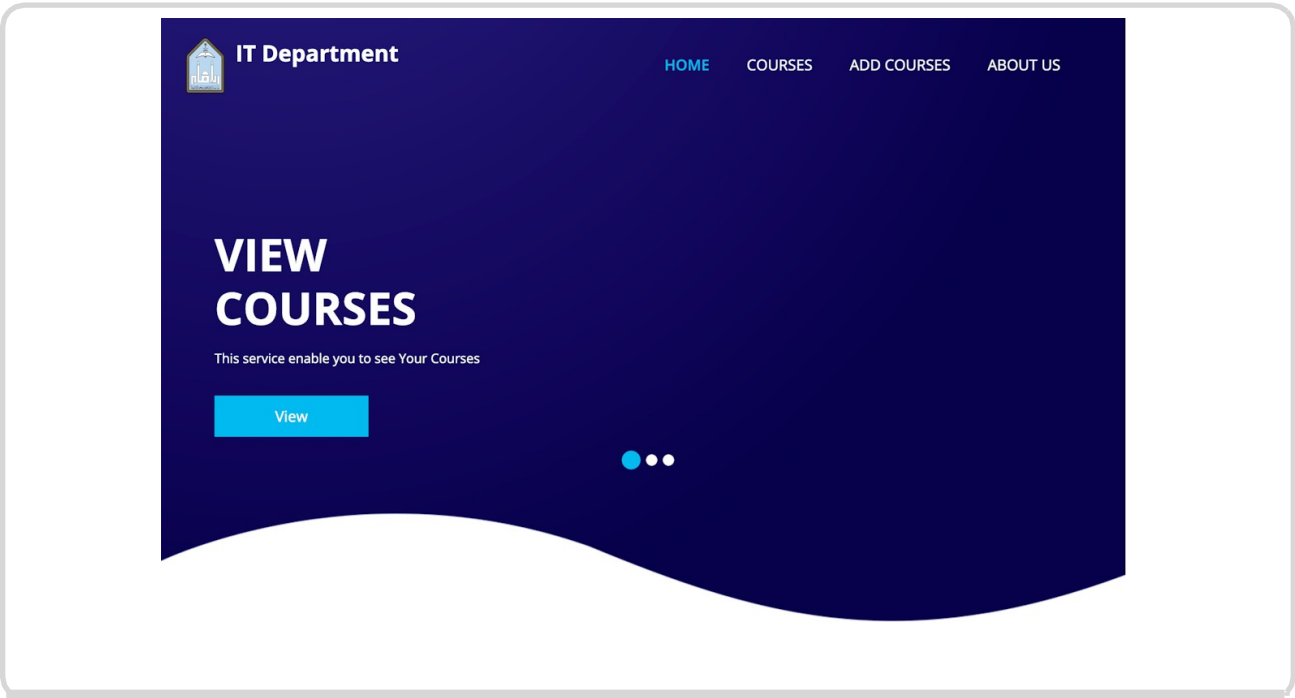


STEP 13

After move the files to _var_ www_ html Click on 34/69/152/31



STEP 14



and here is the web app

