$ffpalm@cloudshell: $$^{\prime\prime}$ terraform-hello/terraform-gcp/terraform-hello (gke22-368811)$ terraform-show$

```
# google_compute_instance.terraform:
```

```
can_ip_forward = false

cpu_platform = "Intel Haswell"

current_status = "RUNNING"

deletion_protection = false

enable_display = false

guest_accelerator = []

id =
```

resource "google_compute_instance" "terraform" {

"projects/gke22-368811/zones/us-central1-a/instances/cloudbbuildterraform"

```
instance_id = "2416199963675862311"
label_fingerprint = "42WmSpB8rSM="
machine_type = "n1-standard-1"
```

```
metadata_fingerprint = "ME2Y6LDtP9o="
                              = "cloudbbuildterraform"
    name
                           = "gke22-368811"
    project
    self_link
"https://www.googleapis.com/compute/v1/projects/gke22-368811/zones/us-central1-a/instances
/cloudbbuildterraform"
    tags_fingerprint
                       = "42WmSpB8rSM="
    zone
                             = "us-central1-a"
    boot_disk {
         auto_delete = true
         device_name = "persistent-disk-0"
                        = "READ_WRITE"
         mode
         source
"https://www.googleapis.com/compute/v1/projects/gke22-368811/zones/us-central1-a/disks/clo
udbbuildterraform"
         initialize_params {
              image =
"https://www.googleapis.com/compute/v1/projects/debian-cloud/global/images/debian-11-bulls
eye-v20221206"
              labels = {}
              size
                     = 10
              type = "pd-standard"
         }
    }
    network_interface {
```

```
= "nic0"
         name
         network
"https://www.googleapis.com/compute/v1/projects/gke22-368811/global/networks/default"
                             = "10.128.0.28"
         network_ip
         queue_count
                              = 0
                             = "IPV4_ONLY"
         stack_type
         subnetwork
"https://www.googleapis.com/compute/v1/projects/gke22-368811/regions/us-central1/subnetw
orks/default"
         subnetwork_project = "gke22-368811"
         access_config {
              nat_ip
                           = "35.222.107.165"
              network_tier = "PREMIUM"
         }
    }
    scheduling {
         automatic_restart
                            = true
         min_node_cpus
                               = 0
         on_host_maintenance = "MIGRATE"
         preemptible
                              = false
         provisioning_model = "STANDARD"
    }
    shielded_instance_config {
         enable_integrity_monitoring = true
```

```
enable_secure_boot = false
enable_vtpm = true
}
```

gcloud compute instances create instance-1 --project=palma-devops-iac --zone=us-central1-c

- --machine-type=e2-medium --network-interface=network-tier=PREMIUM,subnet=default
- --maintenance-policy=MIGRATE --provisioning-model=STANDARD
- --service-account = 1014222866085-compute@developer.gservice account.com
- --scopes=https://www.googleapis.com/auth/devstorage.read_only,https://www.googleapis.com/auth/logging.write,https://www.googleapis.com/auth/monitoring.write,https://www.googleapis.com/auth/servicecontrol,https://www.googleapis.com/auth/service.management.readonly,https://www.googleapis.com/auth/trace.append
- --create-disk=auto-delete=yes,boot=yes,device-name=instance-1,image=projects/debian-cloud/gl obal/images/debian-11-bullseye-v20221206,mode=rw,size=10,type=projects/palma-devops-iac/zo nes/us-west4-b/diskTypes/pd-balanced --no-shielded-secure-boot --shielded-vtpm
- --shielded-integrity-monitoring --reservation-affinity=any

Active Configuration Path: [/tmp/tmp.HmxXaQ9bQj/configurations/config_cloudshell-6751]

Account: [ffpalm@gmail.com]

Project: [palma-devops-iac]

Current Properties:

[accessibility]

screen_reader: [True] (property file)

[component_manager]

```
disable_update_check: [True] (property file)

[compute]

gce_metadata_read_timeout_sec: [30] (property file)

[core]

account: [ffpalm@gmail.com] (property file)

disable_usage_reporting: [True] (property file)

project: [palma-devops-iac] (property file)

[metrics]

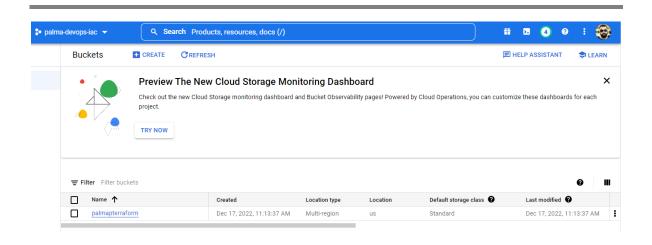
environment: [devshell] (property file)
```

Logs Directory: [/tmp/tmp.HmxXaQ9bQj/logs]

Last Log File: [/tmp/tmp.HmxXaQ9bQj/logs/2022.12.16/13.51.44.606069.log]

git: [git version 2.30.2]

ssh: [OpenSSH_8.4p1 Debian-5+deb11u1, OpenSSL 1.1.1n 15 Mar 2022]



Terminal

(palma-devops-iac) × + ▼

```
specific reservation {
             + key = (known after apply)
              + values = (known after apply)
       }
      + scheduling {
         + automatic restart
                                      = (known after apply)

    instance termination action = (known after apply)

         + min_node_cpus = (known after apply)
                                    = (known after apply)
         + on host maintenance
         + preemptible
                                     = (known after apply)
         + provisioning model
                                     = (known after apply)
         + node_affinities {
             + key = (known after apply)
             + operator = (known after apply)
             + values = (known after apply)
 # google compute network.vpc network will be created
  + resource "google_compute_network" "vpc_network" {
      + auto create subnetworks = true
      + delete_default_routes_on_create = false
                                      = (known after apply)
     + gateway_ipv4
     + id
                                      = (known after apply)
     + internal ipv6 range
                                      = (known after apply)
     + mtu
                                      = (known after apply)
                                      = "terraform-network"
     + name
     + project
                                      = (known after apply)
     + routing_mode
                                      = (known after apply)
     + self link
                                      = (known after apply)
Plan: 2 to add, 0 to change, 0 to destroy.
Changes to Outputs:
 + ip = (known after apply)
Do you want to perform these actions?
 Terraform will perform the actions described above.
 Only 'yes' will be accepted to approve.
 Enter a value: yes
```

```
Only 'yes' will be accepted to approve.

Enter a value: yes

google_compute_network.vpc_network: Creating...
google_compute_network.vpc_network: Still creating... [10s elapsed]
google_compute_network.vpc_network: Still creating... [20s elapsed]
google_compute_network.vpc_network: Still creating... [30s elapsed]
google_compute_network.vpc_network: Still creating... [40s elapsed]
google_compute_network.vpc_network: Still creating... [40s elapsed]
google_compute_network.vpc_network: Creation complete after 42s [id=projects/palma-devops-iac/global/networks/terraform-network]
google_compute_instance.vm_instance: Creating...
google_compute_instance.vm_instance: Still creating... [10s elapsed]
google_compute_instance.vm_instance: Creation complete after 13s [id=projects/palma-devops-iac/zones/us-centrall-c/instances/clo
udbbuildterraform]

Apply_complete! Resources: 2 added, 0 changed, 0 destroyed.

Outputs:

ip = "10.128.0.2"
ffpalm@cloudshell:~/terraform-hello/terraform-gcp/terraform-exemplo2 (palma-devops-iac)$
```

Products, resources, docs (/)



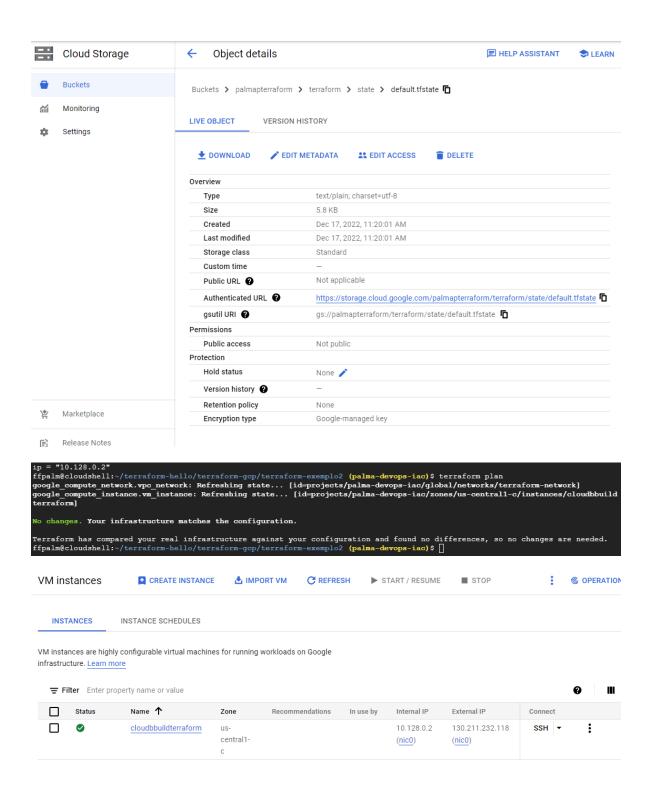




Notifications

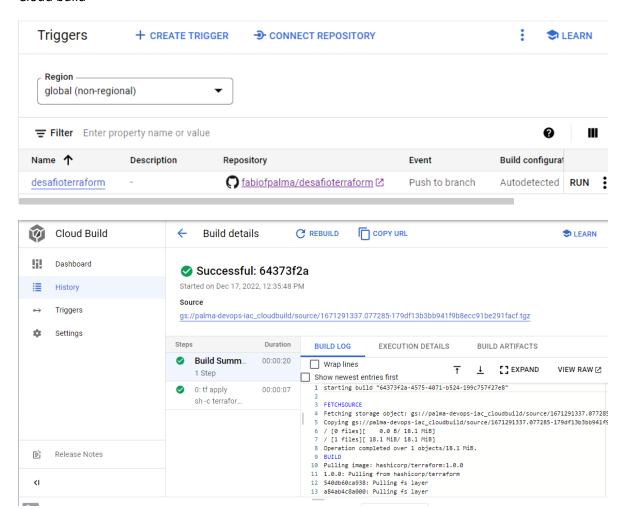
Ø	Delete VM instance "instance-1"	22 hours ago
	palma-devops-iac	

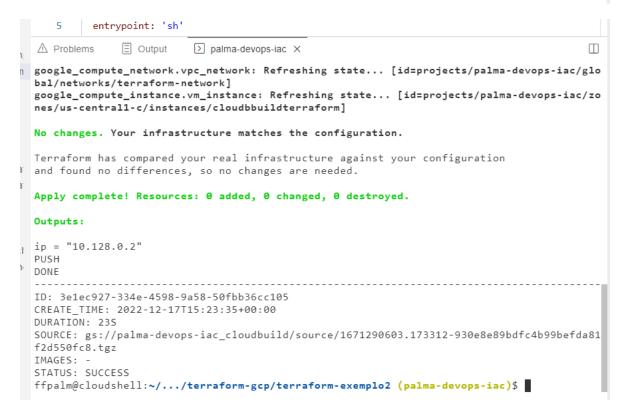
- Enable service: run.googleapis.com 23 hours ago palma-devops-iac
- Enable service: appengine.googleapis.com 23 hours ago palma-devops-iac
- Enable service: cloudbuild.googleapis.com 23 hours ago palma-devops-iac
- Enable service: bigquery.googleapis.com 23 hours ago palma-devops-iac
- Enable service: compute.googleapis.com 23 hours ago palma-devops-iac
- Enable service: compute.googleapis.com 23 hours ago palma-devops-iac
- ✓ Delete VM instance "instance-1" 23 hours ago gkebc
- ✓ Delete VM instance "instance-1" 1 day ago gkebc
- Create VM instance "instance-1" and its boot 1 day ago disk "instance-1"
 gkebc



VPC networks ☐ Filter Enter property name or value Name ↑ Subnets MTU Mode default 36 1460 Auto terraformnetwork

Cloud build





	Cloud Build	Settings				
i!	Dashboard	SERVICE ACCOUNT	WORKER POOL			
≣	History	Service account	permissions			
\rightarrow	Triggers		Cloud Build executes builds with the permissions granted to the Cloud Build service account tied to the project. You can grant additional roles to the service account to allow			
¢	Settings		Cloud Build to interact with other GCP services.			
		Service account email:	Service account email: 1014222866085@cloudbuild.gserviceaccount.com			
		GCP Service	Role ?	Status		
		GCP Service Cloud Functions	Role ? Cloud Functions Developer	Status DISABLED ▼		
		Cloud Functions	Cloud Functions Developer	DISABLED ▼		
		Cloud Functions Cloud Run	Cloud Functions Developer Cloud Run Admin	DISABLED ▼ ENABLED ▼		
	Release Notes	Cloud Functions Cloud Run App Engine	Cloud Functions Developer Cloud Run Admin App Engine Admin	DISABLED ▼ ENABLED ▼ ENABLED ▼		
ii c	Release Notes	Cloud Functions Cloud Run App Engine Kubernetes Engine	Cloud Functions Developer Cloud Run Admin App Engine Admin Kubernetes Engine Developer	DISABLED ▼ ENABLED ▼ DISABLED ▼		

Códigos

```
EXPLORER ... 

★ main.tt ×
                                                                       terraform-hello > terraform-gcp > terraform-exemplo2 > ♥ main.tf > ...
> OPEN EDITORS
                                                                                           terraform {
                                                                             1
∨ FFPALM ひョ ···
                                                                                                 required providers {
> 🗀 cloud-build-sam 

                                                                             3
                                                                                                        google = {
> 🗀 gopath
                                                                             4
                                                                                                              source = "hashicorp/google"

∨ 
☐ terraform-hello

                                                                             5

∨ 

    terraform-gcp
    terraform-gcp

                                                                                                 }
                                                                             6
                                                                             7

∨ ☐ terraform-exem

                                                                                                    backend "gcs" {
                                                                             8
         > 🗀 cloud-console-
                                                                             9
                                                                                                       bucket = "palmapterraform"
                 cloudbuild.yan
                                                                          10
                                                                                                        prefix = "terraform/state"
                  main.tf
                                                                          11
                 v outputs.tf
                                                                          12

▼ variables.tf

                                                                          13

∨ 
☐ terraform-hello

                                                                          14
                                                                          15
                                                                                           provider <u>"google"</u> {
                 instance.tf
                                                                          16
                                                                                                  project = "palma-devops-iac"
                terraform.tfsta
                                                                          17
                                                                                                  region = "us-central1"
               terraform.tfsta
                                                                                                                           = "us-central1-c"
                                                                          18
                                                                                                 zone
             ■ README.md
                                                                          19
           instance.tf
                                                                          20
          terraform.tfstate
                                                                                           resource "google_compute_network" "vpc_network" {
                                                                          21
                                                                                                name = "${var.network_name}"
                                                                          22
          terraform.tfstate.l
                                                                          23
       ■ README-cloudsh
                                                                          24
                                                                          25
                                                                                           resource "google_compute_instance" "vm_instance" {
                                                                          26
                                                                                                                                      = "cloudbbuildterraform"
                                                                                                  machine_type = "f1-micro"
                                                                          27
                                                                                                 tags = ["prod"]
                                                                          28
                                                                          29
                                                                          30
                                                                                                 labels = {
                                                                          31
                                                                                                      centro_custo = "${var.centro_custo_rh}"
```

```
41
       macrime_type = ii-micro
       tags = ["prod"]
28
29
       labels = {
30
         centro_custo = "${var.centro_custo_rh}"
31
32
33
       boot_disk {
34
         initialize_params {
35
           image = "debian-cloud/debian-11"
36
37
         }
38
       }
       network_interface {
39
40
         network = google_compute_network.vpc_network.name
         access_config {
41
42
         }
43
       }
44
```