```
(base) volodymyrshynkarov@Volodymyrs-Laptop devops_hw1 % terraform init -reconfi
gure
Initializing the backend...

Successfully configured the backend "gcs"! Terraform will automatically
use this backend unless the backend configuration changes.
Initializing provider plugins...
- Reusing previous version of hashicorp/google from the dependency lock file
- Using previously-installed hashicorp/google v6.8.0

Terraform has been successfully initialized!

(base) volodymyrshynkarov@Volodymyrs-Laptop devops_hw1 % terraform init 2>&1 | t
ee "logs/init-$(date +%Y%m%d-%H%M%S).log"

Initializing the backend...
Initializing provider plugins...
- Reusing previous version of hashicorp/google from the dependency lock file
- Using previously-installed hashicorp/google v6.8.0

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
(base) volodymyrshynkarov@Volodymyrs-Laptop devops_hw1 % terraform plan -out=tfp
lan 2>&1 | tee "logs/plan-$(date +%Y%m%d-%H%M%S).log"


Terraform used the selected providers to generate the following execution
plan. Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

  # google_bigquery_dataset.dataset will be created
  + resource "google_bigquery_dataset" "dataset" {
      + creation_time                = (known after apply)
      + dataset_id                   = "dataset_394839482"
      + default_collation            = (known after apply)
      + delete_contents_on_destroy = true
Saved the plan to: tfplan

To perform exactly these actions, run the following command to apply:
    terraform apply "tfplan"
(base) volodymyrshynkarov@Volodymyrs-Laptop devops_hw1 % terraform apply "tfplan"

google_bigquery_dataset.dataset: Creating...
google_storage_bucket.bucket: Creating...
google_compute_instance.vm: Creating...
google_storage_bucket.bucket: Creation complete after 2s [id=test-bucket-424-9b1
23]
google_bigquery_dataset.dataset: Creation complete after 2s [id=projects/compose
d-sun-467220-e1/datasets/dataset_394839482]
google_compute_instance.vm: Still creating... [00m10s elapsed]
google_compute_instance.vm: Creation complete after 18s [id=projects/composed-su
n-467220-e1/zones/us-central1-c/instances/instance-20250925-203432]
Releasing state lock. This may take a few moments...

Apply complete! Resources: 3 added, 0 changed, 0 destroyed.
Plan: 0 to add, 0 to change, 3 to destroy.
google_storage_bucket.bucket: Destroying... [id=test-bucket-424-9b123]
google_bigquery_dataset.dataset: Destroying... [id=projects/composed-sun-467220-
e1/datasets/dataset_394839482]
google_compute_instance.vm: Destroying... [id=projects/composed-sun-467220-e1/zo
nes/us-central1-c/instances/instance-20250925-203432]
google_bigquery_dataset.dataset: Destruction complete after 0s
google_storage_bucket.bucket: Destruction complete after 1s
google_compute_instance.vm: Still destroying... [id=projects/composed-sun-467220
-e1/zones/u...1-c/instances/instance-20250925-203432, 00m10s elapsed]
google_compute_instance.vm: Still destroying... [id=projects/composed-sun-467220
-e1/zones/u...1-c/instances/instance-20250925-203432, 00m20s elapsed]
google_compute_instance.vm: Still destroying... [id=projects/composed-sun-467220
-e1/zones/u...1-c/instances/instance-20250925-203432, 00m30s elapsed]
google_compute_instance.vm: Still destroying... [id=projects/composed-sun-467220
-e1/zones/u...1-c/instances/instance-20250925-203432, 00m40s elapsed]
google_compute_instance.vm: Still destroying... [id=projects/composed-sun-467220
-e1/zones/u...1-c/instances/instance-20250925-203432, 00m50s elapsed]
google_compute_instance.vm: Still destroying... [id=projects/composed-sun-467220
-e1/zones/u...1-c/instances/instance-20250925-203432, 01m00s elapsed]
google_compute_instance.vm: Destruction complete after 1m7s

Destroy complete! Resources: 3 destroyed.
```

VM instances

Filter: Enter property name or value

	Status	Name ↑	Zone	Recommendations	In use by	Interna	Connect
☐	✓	instance-20250925-203432	us-central1-c			10.128 (nic0)	SSH

Buckets

➕ Create   🔄 Refresh

Filter: Filter buckets

	Name ↑	Created	Location type	Location	Default storage clas
☐	state-bucket-424-91a824	26 Sept 2025, 01:03:17	Multi-region	us	Standard
☐	test-bucket-424-9b123	26 Sept 2025, 01:04:21	Region	us-central1	Standard

Buckets > state-bucket-424-91a824 > terraform > state > dev > default.tfstate

Live object   Version history

⬇ Download   ✏ Edit metadata   ⚏ Edit access   🗑 Delete

Overview

Type	text/plain; charset=utf-8
Size	181 B
Created	26 Sept 2025, 01:12:12
Last modified	26 Sept 2025, 01:12:12
Storage class	Standard
Custom time	—
Public URL ⓘ	https://storage.googleapis.com/state-bucket-424-91a824/terraform/state/dev/default.tfstate
Authenticated URL ⓘ	https://storage.cloud.google.com/state-bucket-424-91a824/terraform/state/dev/default.tfstate
gsutil URI ⓘ	gs://state-bucket-424-91a824/terraform/state/dev/default.tfstate

composed-sun-467220-e1

- ▸ 🗗 Repositories
- ▸ 🔍 Queries
- ▸ 📓 Notebooks
- ▸ 🔲 Data canvases
- ▸ ≣ Data preparations
- ▸ 🔗 Pipelines
- ▸ 🔗 External connections
- ▸ 🗐 dataset_394839482