

```
fakewebservices_database.prod_db: Creating...
fakewebservices_database.prod_db: Creation complete after 0s [id=fakedb-BHYAEwSGbvvsun2f]
fakewebservices_vpc.primary_vpc: Creation complete after 0s [id=fakevpc-fp1XVfuJN86xLwmt]
fakewebservices_server.servers[1]: Creating...
fakewebservices_server.servers[0]: Creating...
fakewebservices_server.servers[0]: Creation complete after 0s [id=fakeserver-XA7HreFMo7evaAi27]
fakewebservices_server.servers[1]: Creation complete after 0s [id=fakeserver-qmN2ndUNdcsqo6bk]
fakewebservices_load_balancer.primary_lb: Creating...
fakewebservices_load_balancer.primary_lb: Creation complete after 0s [id=fake1b-wsPRMEEBxUdeoKW4]
```

Apply complete! Resources: 5 added, 0 changed, 0 destroyed.

...Sessions

=====

You didn't! You just provisioned infrastructure with Terraform Cloud!

The organization we created here has a 30-day free trial of the Team & Governance tier features. After the trial ends, you'll be moved to the Free tier.

Copy the token, then return to your terminal and paste it into your Terraform login prompt. Terraform Cloud will not display this token again, so store it securely.

\* Workspaces for organizing your infrastructure. Terraform Cloud manages infrastructure collections with workspaces instead of directories. You can view your workspace here:  
<https://app.terraform.io/app/example-org-a9a7ce/workspaces/getting-started>  
\* Remote state management, with the ability to share outputs across workspaces. We've set up state management for you in your current workspace, and you can reference state from other workspaces using the 'terraform\_remote\_state' data source.  
\* Much more!

To see the mock infrastructure you just provisioned and continue exploring Terraform Cloud, visit:  
<https://app.terraform.io/fake-web-services>

robins@DESKTOP-S1Q7VGV:~/tf-getting-started

## Github App OAuth Token

```
+ name = "Primary Load Balancer"
+ servers = [
+   "Server 1",
+   "Server 2",
+ ]
```

```
# fakewebservices_server.servers[0] will be created
+ resource "fakewebservices_server" "servers" {
+   id = (known after apply)
+   name = "Server 1"
+   type = "t2.micro"
+   vpc = "Primary VPC"
}
```

```
# fakewebservices_server.servers[1] will be created
+ resource "fakewebservices_server" "servers" {
+   id = (known after apply)
+   name = "Server 2"
+   type = "t2.micro"
+   vpc = "Primary VPC"
}
```

```
# fakewebservices_vpc.primary_vpc will be created
+ resource "fakewebservices_vpc" "primary_vpc" {
+   cidr_block = "0.0.0.0/1"
+   id = (known after apply)
+   name = "Primary VPC"
}
```

Plan: 5 to add, 0 to change, 0 to destroy.

Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.

...

## Github App OAuth Token

```
robin@DESKTOP-S1Q7VGV:~$ cd tfc-getting-started
robin@DESKTOP-S1Q7VGV:~/tfc-getting-started$ scripts/setup.sh as they can be used to access your account without a username, password, or two-factor authentication.

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Getting Started with Terraform Cloud
-----
ACCOUNT PAGE

Terraform Cloud offers secure, easy-to-use remote state management and allows you to run Terraform remotely in a controlled environment. Terraform Cloud runs can be performed on demand or triggered automatically by various events.

Sessions

This script will set up everything you need to get started. You'll be applying some example infrastructure - for free - in less than a minute.

First, we'll do some setup and configure Terraform to use Terraform Cloud.

terraform login
Expires April 7th 2024

Press any key to continue (ctrl-c to quit):

Creating an organization and workspace ... Copy the token, then return to your terminal and paste it into your Terraform login prompt. Terraform Cloud will not display this token again, so store it securely.
Writing Terraform Cloud configuration to backend.tf ...

=====
Ready to go; the example configuration is set up to use Terraform Cloud!
Created just now by user robin9899 Token has not been used
An example workspace named 'getting-started' was created for you.
You can view this workspace in the Terraform Cloud UI here:
https://app.terraform.io/app/example-org-a9a7ce/workspaces/getting-started

Next, we'll run 'terraform init' to initialize the backend and providers:

$ terraform init

Press any key to continue (ctrl-c to quit):
```

## Github App OAuth Token

```
robin@DESKTOP-S1Q7VGV:~$ cd tfc-getting-started
robin@DESKTOP-S1Q7VGV:~/tfc-getting-started$ scripts/setup.sh

-----
Welcome to Terraform Cloud!
Documentation: terraform.io/docs/cloud

New to TFC? Follow these steps to instantly apply an example configuration:
$ git clone https://github.com/hashicorp/tfc-getting-started.git
$ cd tfc-getting-started
$ scripts/setup.sh

-----
Tokens (1)
-----
terraform login
Expires April 7th 2024

Copy the token, then return to your terminal and paste it into your Terraform login prompt. Terraform Cloud will not display this token again, so store it securely.

90NtTWL71iyhCw.atlasv1.zthE8T010CnwIz7kmS4CR55I1RG0rShm0kzIF1eLT2dIXNXdtXzYixq16BWeRqNBR58
Created just now by user robin9899 Token has not been used
```

robin@DESKTOP-S1Q7VGV: ~  
robin@DESKTOP-S1Q7VGV:~\$ wget -O- https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usr/share/keyrings/hashicorp-archive-keyring.gpg  
echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com \$(lsb\_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list  
sudo apt update && sudo apt install terraform

### Binary download

386  
Version: 1.7.4  
Download

AMD64  
Version: 1.7.4  
Download

### Linux

#### Package manager

Ubuntu/Debian

```
$ wget -O- https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usr/share/keyrings/hashicorp-archive-keyring.gpg  
$ echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com $(lsb_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list  
$ sudo apt update && sudo apt install terraform
```

About Terraform  
Define cloud and on-prem infrastructure using human-readable configuration files that you can version, reuse, and share.  
Featured docs  
Introduction to Terraform  
Configuration Language  
Terraform CLI  
Terraform Cloud  
Provider Use

Terraform Cloud

app.terraform.io/app/example-org-a9a7ce/workspaces/getting-started

Workspaces  
getting-started  
Overview  
Runs  
States  
Variables  
Settings

## Latest Run

Triggered via CLI  
robin9899 triggered a run a minute ago via CLI  
Policy checks: Add  
Estimated cost change: Enable  
Plan & apply duration: Less than a minute  
Resources changed: +5 ~0 -0  
See details

Resources 5 Outputs  
Filter resources

| NAME       | PROVIDER           | TYPE            | MODULE | CREATED    |
|------------|--------------------|-----------------|--------|------------|
| prod_db    | hashicorp/fakew... | fakewebservi... | root   | Mar 8 2024 |
| primary_lb | hashicorp/fakew... | fakewebservi... | root   | Mar 8 2024 |
| servers    | hashicorp/fakew... | fakewebservi... | root   | Mar 8 2024 |

Execution mode: Remote  
Auto-apply API, CLI, & VCS runs: Off  
Auto-apply run triggers: Off  
Project: Default Project  
Metrics (last 1 run)  
Average plan duration: < 1 min  
Average apply duration: < 1 min  
Total failed runs: 0  
Policy check failures: 0  
Tags (0)  
Add a tag  
Tags have not been added to this workspace.