Files Created by Terraform

After executing your terraform, you will see some new files that Terraform created, such as

- .terraform(directory)
- .terraform.tfstate
- .terraform (we will have modules and provider)
- terraform.tfstate.backup
- .terraform.lock.hcl

terraform.tfstate – These files include your Terraform state and how Terraform keeps track of the connection between our configuration and our infrastructure. The Terraform creates those files when we run "terraform apply".

Terraform Plugin Directory

.terraform – This folder includes the plugins and modules that Terraform used to provide our infrastructure. We can delete it after we deploy our configuration. Because when we execute "terraform init," Terraform will create the folder again.

.gitignore file

You can add those files to the **.gitignore** file to avoid committing them by mistake.

```
# Local .terraform directories
**/.terraform/*

# .tfstate files
*.tfstate
*.tfstate.*

backend.tf

# Exclude all .tfvars files, which are likely to contain sensitive
data, such as
# password, private keys, and other secrets. These should not be part
of version
# control as they are data points which are potentially sensitive and
subject
# to change depending on the environment.
*.tfvars
*.tfvars.json
```