

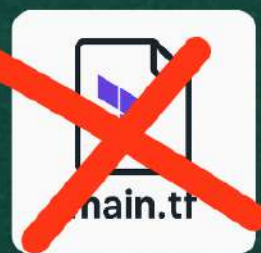


Terraform in Action: 3 Scenarios Explained Simply ⚡



HashiCorp

Terraform



◆ Scenario 1: main.tf is deleted

1. Terraform still has the terraform.tfstate file, so it remembers your resources.
2. Infra remains safe.



◆ Scenario 2: terraform.tfstate is deleted.

1. Terraform has the configuration (main.tf) but no record of what's deployed. ⚠️ It will recreate resources if you apply again. 💡 Use terraform import to bring existing infrastructure back into the state file so Terraform can manage it again.



◆ Scenario 3: Infrastructure is deleted manually

1. Terraform has both config + state, but the actual infra is gone.
2. Next apply → Terraform will rebuild everything.