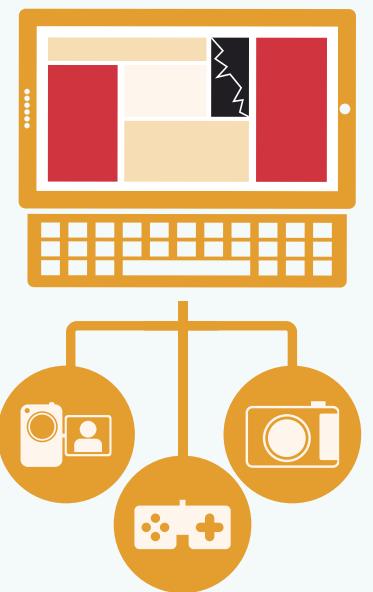
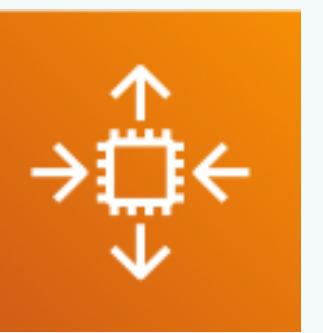
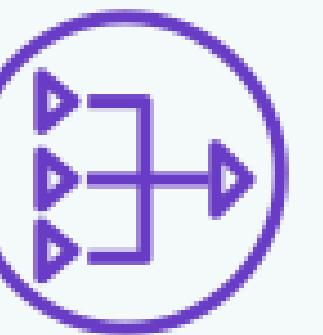


# Terraform remote state locking

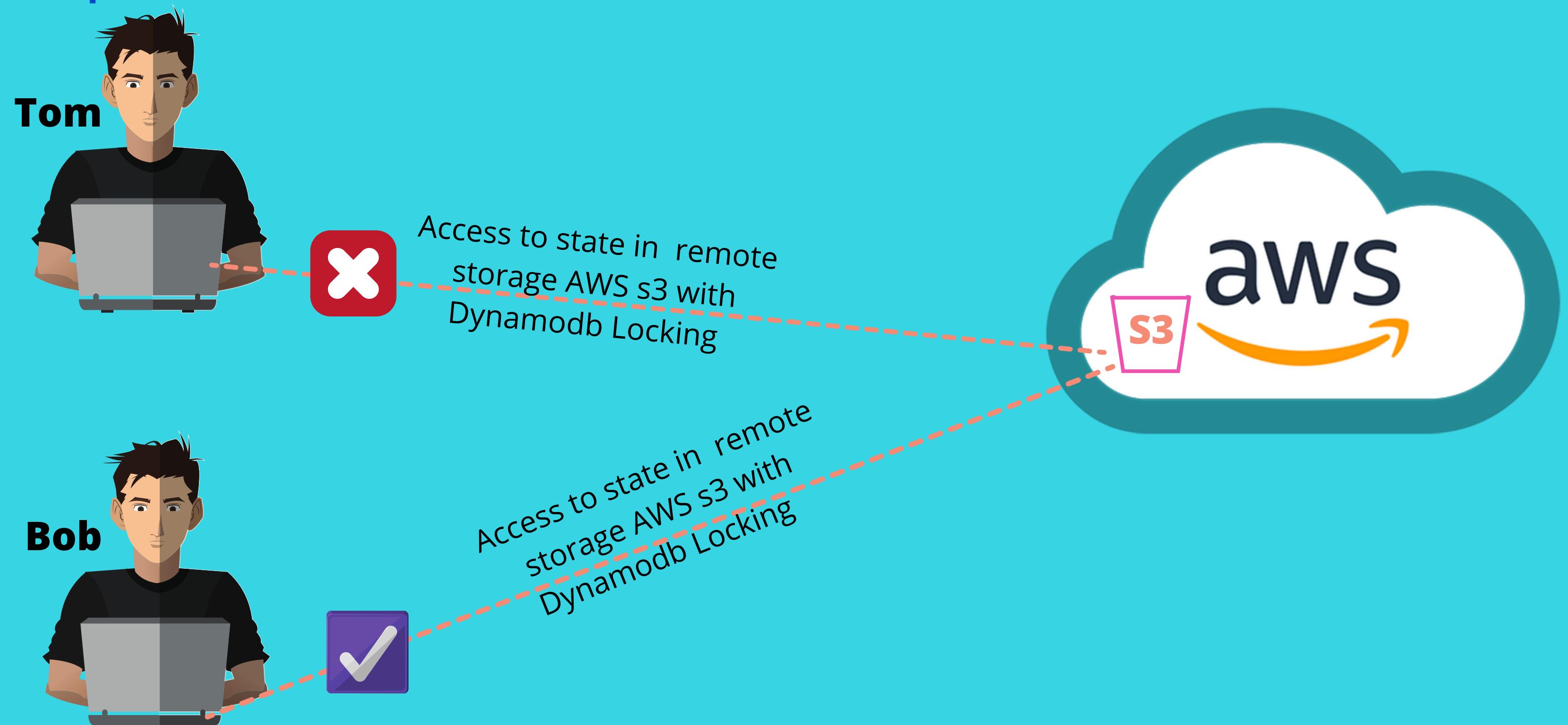
## Topics covered:

- Why locking is necessary ?
- Architecture view - where locking using Dynamodb table fits in
- Create Dynamodb table
- Configure backend with Dynamodb table for locking



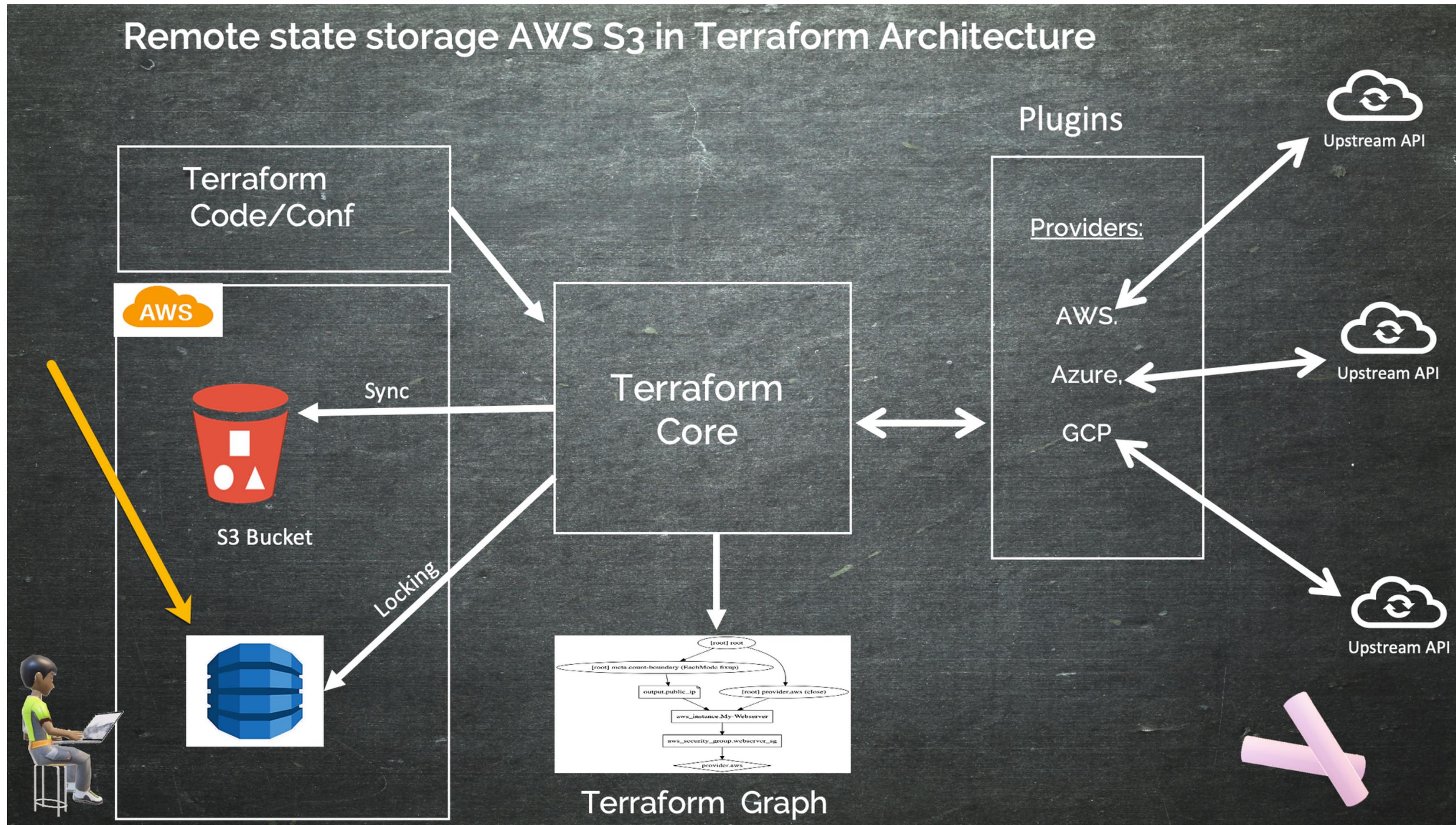
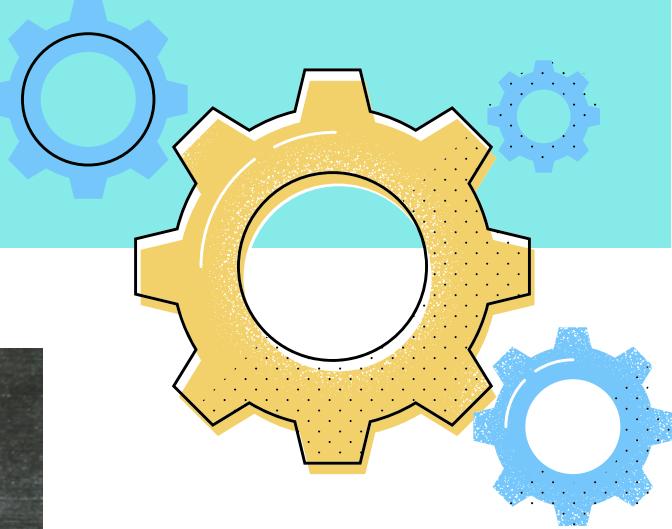
# Terraform State: remote state locking

Locking will enforce Tom to wait until Bob's terraform command completed on Stack-a and lock is released.

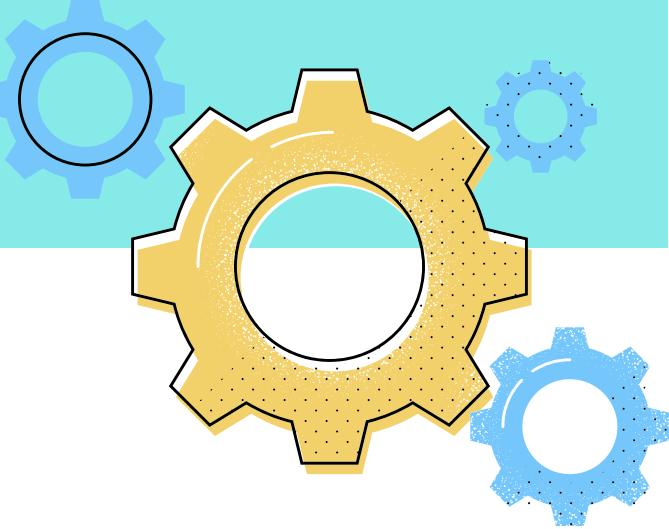


When Bob ran terraform command on Stack-a

# Terraform State: Architecture , where locking using Dynamodb fits in



# Terraform State: Backend configuration with locking



```
terraform_state.tf > s3 > dynamodb_table
1 terraform {
2   backend "s3" {
3     encrypt = true
4     bucket  = "terraformiac-mystach-tfstate"
5     key     = "deploy-multiple-webserver/terraform.tfstate"
6     region  = "us-east-1"
7     dynamodb_table = "terraform-state" ←
8   }
9 }
```