aws dynamodb create-table --table-name terraform-lock --attribute-definitions AttributeName=LockID,AttributeType=S --key-schema AttributeName=LockID,KeyType=HASH --billing-mode PAY\_PER\_REQUEST

terraform {

backend "s3" {

bucket = "terraform-backup-state-murali"

key = "terraform.tfstate"

region = "us-east-1"

encrypt = true

dynamodb\_table = "terraform-lock"

}

}

To Check the Terraform Current State :

Check Current State:

terraform state list

View Resource Details:

terraform state show aws\_instance.web

Move Resources in State :

Note : If you rename a resource in code but want to keep its state

terraform state mv aws\_instance.old\_name aws\_instance.new\_name - Prevents Terraform from **recreating the resource**.

Remove a Resource from State (without destroying it)

terraform state rm aws\_instance.web

This removes the resource from state, but **does not delete** it in AWS.

Use Workspaces for Multiple Environments:

If you have **dev, staging, and production**, use workspaces:

terraform workspace new dev

terraform workspace select dev

terraform workspace list

Other Useful Workspace Commands :

Check the current workspace - :

terraform workspace show

aws s3 ls s3://terraform-backup-state-murali/env/ --recursive