Terraform State Locking

tfstate

Aquire Lease
Break Lease

terraform apply

state lock
terraform refresh
terraform plan
terraform apply
state unlock

.tf code

Jethalal

.tf code

BabitaJi

terraform plan/apply

state lock
terraform refresh
terraform plan
terraform apply
state unlock

IMPORTANT QUESTION
When two people run terraform commands simultaneously, then how state file works?

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force-unlock command banane ka tarika

terraform [global options] force-unlock LOCK_ID

[] - Optional - Do ya nahi do farak nahi pdega

terraform force-unlock LOCK_ID

LockID - abaaa56a-092c-1dde-c338-f94fd5d7c1e1

terraform force-unlock abaaa56a-092c-1dde-c338-f94fd5d7c1e1

How to unlock the state lock? (only use when state lock अटक गया)

terraform force-unlock command
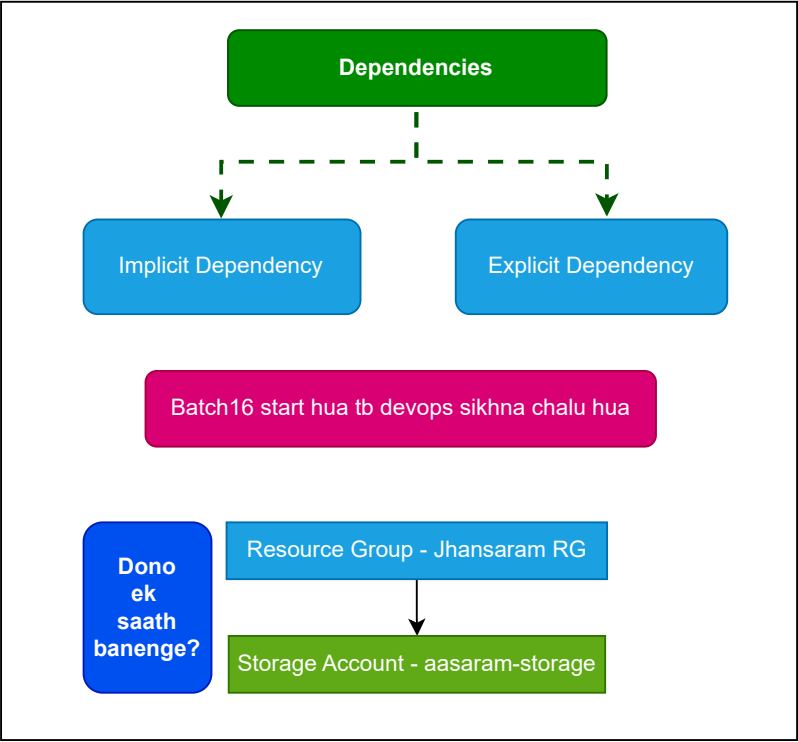
azure storage account - break lease

Benefits of Remote State

Multiple Users can use the state at a time

Security of State File

Redundancy

State Locking - Vaise locking to local pr bhi hoti hai..

Dependencies

Implicit Dependency

Explicit Dependency

Batch16 start hua tb devops sikhna chalu hua

Dono ek saath banenge?

Resource Group - Jhansaram RG

Storage Account - aasaram-storage

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terrform apply

rg

storage account

Terraform me default execution of blocks parallel hota hai...

```
resource "azurerm_resource_group" "rg" {
  name     = "rg-tf-jhansaram"
  location = "West Europe"
}

resource "azurerm_storage_account" "example" {
  name                     = "saaasaram"
  resource_group_name      = "rg-tf-jhansaram"
  location                 = "West Europe"
  account_tier             = "Standard"
  account_replication_type = "GRS"
}
```