

Terraform

Terraform ek IAC tools jo declarative format me infra ke code ko likhne me help karta hai...

Jo Multi Cloud Deployment Support karta hai...

Azure Cloud

Az CLI

rg, storage account, frontdoor, application gateway, loadbalancer, vm

REST API

rg, storage account, frontdoor, application gateway, loadbalancer, vm

AWS

REST API

3 lakh

<http://azure.com/resourcegroup/create>

<http://azure.com/vnetnetwork/create>

<http://azure.com/vm/create>

NAI API AAI

Provider ka version naya aaya

azurerem.exe

AWS.exe

Terraform.exe

GCP.exe

2.5 lakh

<http://gcp.com/vm/create>

<http://gcp.com/vpc/create>

2 lakh

<http://aws.com/ec2/create>

<http://azure.com/vpc/create>

Provider ek .exe ki file hai jiske andar us cloud ki sari rest api ki detail hoti hai...

rg_name
rg_location

token

<http://azure.com/resourcegroup/create>

Azure Resource Manager REST API

Azure Portal

Azure Cli

token

username
password

token

token

1. User Interaction Login to Azure Portal

2. Form Bharta hai

3. REST API call hota hai... mtlb ek alg url pr detail jata hai...

3. ARM API resource provider ko call karke rg banaega...

Ye Macchar(Code) kya hai?

Dusri Language jaise python, java, falana, dhimaka

line by line

include <iostream.h>

Terraform

Block by Block

Block

{ }

dhondhu { }

chapri { }

terraform { }

required_providers { }

<BLOCK_NAME> {

colour = kala

height = 2ft

}

Types of Block

terraform Block

required_provider block

provider block

Init Command

Bs Provider download karke .terraform me rakh dia

Baar baar terraform init chalana jaruri nahi...