**create the servers in two different regions using vi main.ft file**

* **First of all create at ec2 instance in ubutnu and connect to ssh**
* **And install terraform and create a vi main.ft file**

**Terraform installations cmd:**

**wget -O - https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usr/share/keyrings/hashicorp-archive-keyring.gpg**

**echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com $(lsb\_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list**

**sudo apt update && sudo apt install terraform**

**vi main.ft file cmds:**

**and edit the access key and secret key from according to iam user and we can add count**

**# Define the provider**

**provider "aws" {**

**alias  = "region1"**

**region = "us-east-1"**

**access\_key = "your\_access\_key"**

**secret\_key = "your\_secret\_key"**

**}**

**provider "aws" {**

**alias  = "region2"**

**region = "us-west-1"**

**access\_key = "your\_access\_key"**

**secret\_key = "your\_secret\_key"**

**}**

**# Create an EC2 instance in the first region**

**resource "aws\_instance" "server1" {**

**provider = aws.region1**

**ami           = "ami-0c02fb55956c7d316" # Example Amazon Linux 2 AMI for us-east-1**

**instance\_type = "t2.micro"**

**key\_pair = “msd1”**

**tags = {**

**Name = "Server1-Region1"**

**}**

**}**

**# Create an EC2 instance in the second region**

**resource "aws\_instance" "server2" {**

**provider = aws.region2**

**ami           = "ami-01e24be29428c15b2" # Example Amazon Linux 2 AMI for us-west-1**

**instance\_type = "t2.micro"**

**tags = {**

**Name = "Server2-Region2"**

**}**

**}**

**Terraform fmt**

**Terraform init**

**Terraform paln**

**Terraform apply**

**Terraform destroy**

**Use above cmds for excute and installations**