Launch Linux EC2 instances in two regions using a single Terraform file.

```
ubuntu@ip-172-31-44-140:~$ aws --version
aws-cli/1.22.34 Python/3.10.12 Linux/6.5.0-1017-aws botocore/1.23.34
ubuntu@ip-172-31-44-140:~$ terraform --version
Terraform v1.8.2
on linux_amd64
ubuntu@ip-172-31-44-140:~$ mkdir server
ubuntu@ip-172-31-44-140:~$ ls
server
ubuntu@ip-172-31-44-140:~$ cd server/
ubuntu@ip-172-31-44-140:~$ vi file.tf
```

```
ubuntu@ip-172-31-44-140:~/server$ cat file.tf
provider "aws" {
    alias = "us-east-1"
    region = "us-east-1"
provider "aws" {
    alias = "us-east-2"
    region = "us-east-2"
resource "aws instance" "launch" {
                   = "ami-04b70fa74e45c3917"
      instance type = "t2.micro"
      provider = aws.us-east-1
      tags = {
           Name = "Server1"
      }
resource "aws instance" "launch1" {
                    = "ami-09040d770ffe2224f"
      ami
      instance type = "t2.micro"
      provider = aws.us-east-2
      tags = {
           Name = "Server2"
ubuntu@ip-172-31-44-140:~/server$
```

```
placement, group = (Known after apply)
placement, partition number = (cons after apply)
primary network interface id = (Known after apply)
private dns = (Known after apply)
public dns = (Known after apply)
public ip = (Known after apply)
secondary private ips = (Known after apply)
tags all = (Known after apply)
secondary private ips = (Known after apply)
secondary private
```

```
+ secondary private ips
                                             = (known after apply)
     + security_groups
                                             = (known after apply)
     + source dest check
                                             = true
     + spot instance request id
                                             = (known after apply)
     + subnet id
                                             = (known after apply)
      + tags
                                             = {
         + "Name" = "Server2"
      + tags all
        + "Name" = "Server2"
     + tenancy
                                             = (known after apply)
     + user data
                                            = (known after apply)
     + user_data_base64
                                            = (known after apply)
     + user_data_replace_on_change
                                            = false
                                            = (known after apply)
     + vpc security group ids
Plan: 2 to add, 0 to change, 0 to destroy.
Do you want to perform these actions?
 Terraform will perform the actions described above.
 Only 'yes' will be accepted to approve.
 Enter a value: yes
aws instance.launch: Creating...
aws instance.launch1: Creating...
aws instance.launch: Still creating... [10s elapsed]
aws instance.launch1: Still creating... [10s elapsed]
aws instance.launch: Still creating... [20s elapsed]
aws instance.launch1: Still creating... [20s elapsed]
aws instance.launch: Still creating... [30s elapsed]
aws instance.launch1: Still creating... [30s elapsed]
aws_instance.launch1: Creation complete after 35s [id=i-0bb59219c5c0b5643]
aws_instance.launch: Creation complete after 36s [id=i-0ac73087f9c453d82]
Apply complete! Resources: 2 added, 0 changed, 0 destroyed.
```



