

Creating ec2 in different region by using terraform single file

```
vpc-archi.tf x main.tf
.terraform > providers > registry.terraform.io > hashicorp > aws > 5.98.0 > windows_386 > vpc-archi.tf > resource "aws_security_group" "sg-1" > egress > [ ] cidr_blocks
1  provider "aws" {
2      alias = "us-east"
3      region = "us-east-1"
4  }
5
6
7  provider "aws" {
8      alias = "us-west"
9      region = "us-west-1"
10 }
11 }
```

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```
95 resource "aws_instance" "ec2-us-east" {
96     provider = aws.us-east
97     ami = "ami-0953476d60561c955"
98     instance_type = "t2.micro"
99     subnet_id = aws_subnet.sub-2.id
100     key_name = "test-terra"
101     vpc_security_group_ids = [aws_security_group.sg-1.id]
102     associate_public_ip_address = true
103     tags = {
104         name = "demo-terra-instance"
105     }
106 }
107
108
109
110 resource "aws_instance" "ec2-2" {
111     provider = aws.us-west
112     ami = "ami-07706bb32254a7fe5"
113     instance_type = "t2.micro"
114     key_name = "demo-terra"
115     tags = {
116         name = "demo-terra-instance-2"
117     }
118 }
119
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + - [ ] ... ^ x
PS C:\Users\keert\Documents\terraform> terraform plan

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
+ create

Terraform will perform the following actions:

# aws_instance.instance-1 will be created
+ resource "aws_instance" "instance-1" {
+   ami              = "ami-0953476d60561c955"
+   arm              = (known after apply)
+   associate_public_ip_address = (known after apply)
+   availability_zone = (known after apply)
}
```