











root@ip-172-31-93-95:~/terraform# vi ec2.tf
resource "aws_instance" "hello-virginia" {
 instance type = "t2.micro"

Name = "hello-virginia"

key_name = "hotfix"

subnet_id = "subnet-

resource "aws_instance" "mohitrathore" instance type = "t2.micro"

Name = "mohitrathore"

key name = "hotfix"

tags = {

tags = {

ami = "ami-

ami = "ami - 0

associate public ip address = true

availability zone = "us-east-1c"

associate public ip address = true

availability_zone = "us-east-1c"
subnet_id = "subnet-0224f7014f970ee00"





vpc_security_group_ids = ["sg-00c36799c2c7a977d"]

vpc security group ids = ["sg-00c36799c2c7a977d"







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```
root@ip-172-31-93-95:~/terraform# vi ec2.tf
root@ip-172-31-93-95:~/terraform# terraform plan
Terraform used the selected providers to generate
```

root@ip-172-31-93-95:~/terraform# vi creds.tf

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

+ create

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Terraform will perform the following actions:

```
# aws instance.hello-virginia will be created
+ resource "aws instance" "hello-virginia"
      ami
                                            = "ami-0e472ba40eb589f49"
    + arn
                                            = (known after apply)
      associate public ip address
                                            = true
      availability zone
                                            = "us-east-1c"
    + cpu core count
                                            = (known after apply)
                                            = (known after apply)
    + cpu threads per core
    + disable api termination
                                            = (known after apply)
    + ebs optimized
                                            = (known after apply)
    + get password data
                                            = false
    + host id
                                            = (known after apply)
    + id
                                            = (known after apply)
    + instance initiated shutdown behavior = (known after apply)
    + instance state
                                            = (known after apply)
    + instance type
                                            = "t2.micro"
    + ipv6 address count
                                            = (known after apply)
    + ipv6 addresses
                                            = (known after apply)
      key name
                                            = "hotfix"
      monitoring
                                            = (known after apply)
      outpost arn
                                            = (known after apply)
     password data
                                            = (known after apply)
    + placement group
                                            = (known after apply)
```

















Note: You didn't use the -out option to save this plan, so Terraform can't quarantee to take exactly these actions if you run "terraform apply" now. root@ip-172-31-93-95:~/terraform# terraform apply

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.hello-virginia will be created
+ resource "aws instance" "hello-virginia"
                                            = "ami-0e472ba40eb589f49"
     ami
                                            = (known after apply)
     arn
    + associate public ip address
                                            = true
     availability zone
                                            = "us-east-1c"
    + cpu core count
                                            = (known after apply)
    + cpu threads per core
                                            = (known after apply)
    + disable api termination
                                            = (known after apply)
    + ebs optimized
                                            = (known after apply)
    + get password data
                                            = false
    + host id
                                            = (known after apply)
    + id
                                            = (known after apply)

    + instance initiated shutdown behavior = (known after apply)

    + instance state
                                            = (known after apply)
                                            = "t2.micro"
    + instance type
    + ipv6 address count
                                            = (known after apply)
    + ipv6 addresses
                                            = (known after apply)
                                            = "hotfix"
    + key name
```

















Apply complete! Resources: 2 added, 0 changed, 0 destroyed. root@ip-172-31-93-95:~/terraform# vi ec2.tf root@ip-172-31-93-95:~/terraform# terraform apply aws instance.mohitrathore: Refreshing state... [id=i-0eb7044f48cd44e66] aws instance.hello-virginia: Refreshing state... [id=i-0cd7628ebd473d9ec]

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

update in-place

Terraform will perform the following actions:

aws instance.hello-virginia will be updated in-place

~ resource "aws instance" "hello-virginia" {







Do you want to perform these actions?

aws instance.mohitrathore: Creating... aws instance.hello-virginia: Creating...

Enter a value: yes

Only 'yes' will be accepted to approve.

Terraform will perform the actions described above.

aws instance.mohitrathore: Still creating... [10s elapsed] aws instance.hello-virginia: Still creating... [10s elapsed] aws instance.mohitrathore: Still creating... [20s elapsed] aws instance.hello-virginia: Still creating... [20s elapsed] aws instance.mohitrathore: Still creating... [30s elapsed] aws instance.hello-virginia: Still creating... [30s elapsed]

aws instance.mohitrathore: Still creating... [40s elapsed] aws instance.mohitrathore: Still creating... [50s elapsed]

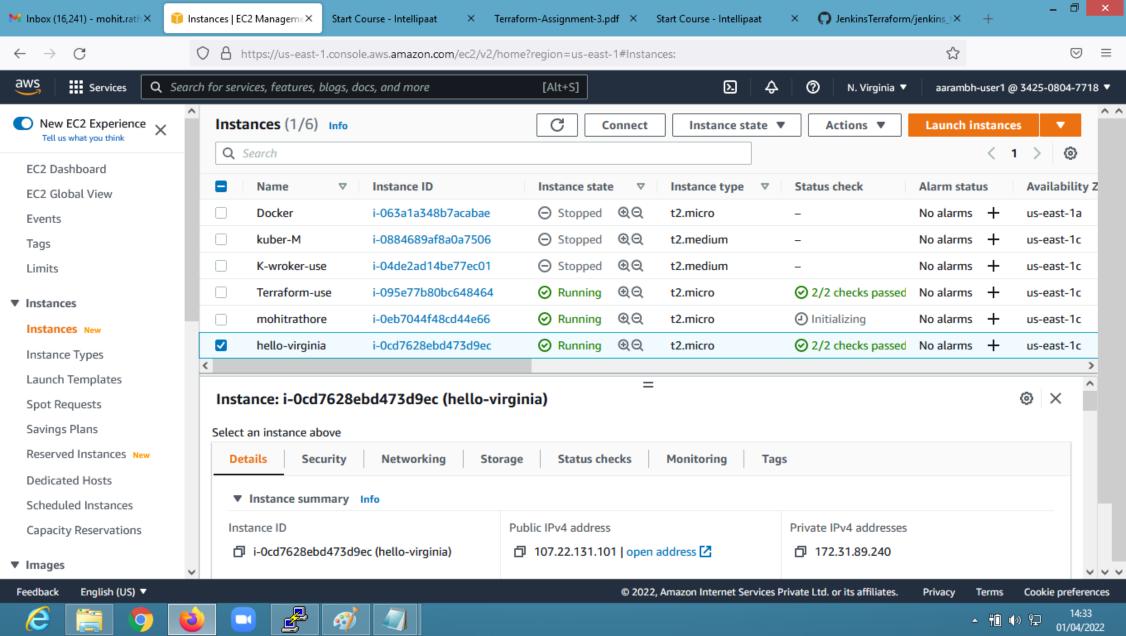














```
# aws instance.hello-ohio will be created
+ resource "aws instance" "hello-ohio" {
      ami
    + arn
      associate public ip address
                                            = true
      availability zone
                                            = "us-east-2b"
    + cpu core count
                                            = (known after apply)
                                            = (known after apply)
    + cpu threads per core
    + disable api termination
                                            = (known after apply)
    + ebs optimized
                                            = (known after apply)
    + get password data
                                            = false
    + host id
                                            = (known after apply)
    + id
                                            = (known after apply)
    + instance initiated shutdown behavior = (known after apply)
    + instance state
                                            = (known after apply)
                                            = "t2.micro"
    + instance type
    + ipv6 address count
                                            = (known after apply)
                                            = (known after apply)
    + ipv6 addresses
      key name
                                            = "ansible"
      monitoring
                                            = (known after apply)
      outpost arn
                                            = (known after apply)
    + password data
                                            = (known after apply)
    + placement group
                                            = (known after apply)
```





following symbols:

+ create











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Note: You didn't use the -out option to save this plan, so Terraform can't quarantee to take exactly these actions if you run "terraform apply" now. root@ip-172-31-93-95:~/terraform# terraform apply

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.hello-ohio will be created
+ resource "aws instance" "hello-ohio" {
                                            = "ami-0fb653ca2d3203ac1"
     ami
                                            = (known after apply)
    + arn
    + associate public ip address
                                            = true
     availability zone
                                            = "us-east-2b"
    + cpu core count
                                            = (known after apply)
    + cpu threads per core
                                            = (known after apply)
    + disable api termination
                                            = (known after apply)
    + ebs optimized
                                            = (known after apply)
    + get password data
                                            = false
    + host id
                                            = (known after apply)
    + id
                                            = (known after apply)

    + instance initiated shutdown behavior = (known after apply)

    + instance state
                                            = (known after apply)
                                            = "t2.micro"
    + instance type
    + ipv6 address count
                                            = (known after apply)
    + ipv6 addresses
                                            = (known after apply)
                                            = "ansible"
    + key name
```





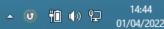






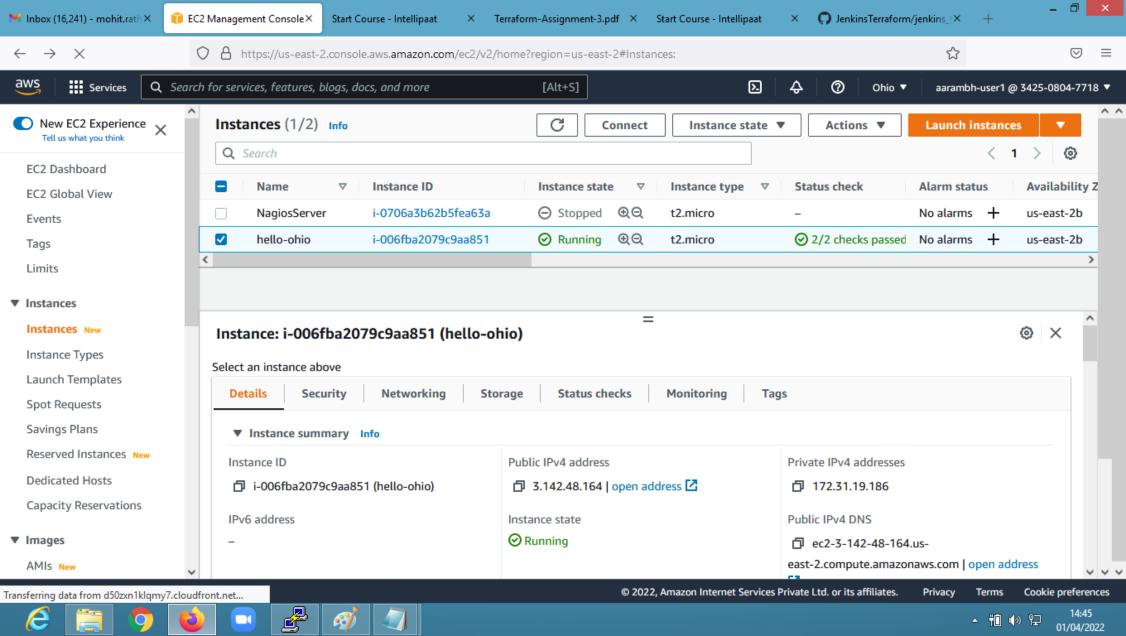






root@ip-172-31-93-95: ~/terraform

+ network interface id = (known after apply)



root@ip-172-31-93-95:~/terraform# terraform destroy aws instance.hello-ohio: Refreshing state... [id=i-006fba2079c9aa851]

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

Terraform will perform the following actions:

aws instance.hello-ohio will be destroyed resource "aws instance" "hello-ohio" {

```
= "ami-0fb653ca2d3203ac1" -> null
ami
                                       = "arn:aws:ec2:us-east-2:342508047718:instance/i-006fba2079c9aa851" -> null
arn
associate public ip address
                                       = true -> null
                                       = "us-east-2b" -> null
availability zone
cpu core count
                                       = 1 \rightarrow null
cpu threads per core
                                      = 1 \rightarrow null
disable api termination
                                      = false -> null
ebs optimized
                                      = false -> null
```

= false -> null hibernation id= "i-006fba2079c9aa851" -> null instance initiated shutdown behavior = "stop" -> null

instance type ipv6 address count ipv6 addresses

get password data

key name monitoring

instance state

primary network interface id

private dns private ip













= false -> null

= [] -> null

= "running" -> null = "t2.micro" -> null

= "ansible" -> null = false -> null

= "172.31.19.186" -> null

= "eni-0655f9da0726fe4bf" -> null

= "ip-172-31-19-186.us-east-2.compute.internal" -> null



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