```
Star@Dell-I3 MINGW64 ~
$ cd /d/terraform-examples/exercise4
Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform init
Initializing the backend...
Initializing provider plugins...
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/aws v5.58.0
Terraform has been successfully initialized!
You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.
If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform validate
Success! The configuration is valid.
Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform fmt
Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform plan
Terraform used the selected providers to generate the following execution
plan. Resource actions are indicated with the following symbols:
```



+ create



























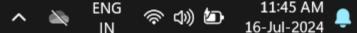














0



MINGW64:/d/terraform-examples/exercise4 0

## Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4

\$ 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.exercise3-inst will be created

```
+ resource "aws_instance" "exercise3-inst"
                                            = "ami-0649bea3443ede307"
    + ami
                                           = (known after apply)
    + arn
    + associate_public_ip_address
                                            = (known after apply)
                                           = "us-east-2a"
    + availability_zone
                                            = (known after apply)
    + cpu_core_count
    + cpu_threads_per_core
                                            = (known after apply)
                                           = (known after apply)
    + disable_api_stop
                                            = (known after apply)
    + disable_api_termination
    + ebs_optimized
                                            = (known after apply)
                                            = false
    + get_password_data
                                           = (known after apply)
    + host_id
                                            = (known after apply)
    + host_resource_group_arn
                                           = (known after apply)
    + iam_instance_profile
      id
                                            = (known after apply)
     instance_initiated_shutdown_behavior = (known after apply)
                                           = (known after apply)
    + instance_lifecycle
    + instance_state
                                            = (known after apply)
                                            = "t2.micro"
     instance_type
                                            = (known after apply)
     ipv6_address_count
     ipv6_addresses
                                            = (known after apply)
                                            = "terraform-key"
    + key_name
                                            = (known after apply)
    + monitoring
                                            = (known after apply)
    + outpost_arn
                                           = (known after apply)
    + password_data
                                           = (known after apply)
    + placement_group
    + placement_partition_number
                                            = (known after apply)
                                            = (known after apply)
    + primary_network_interface_id
    + private_dns
                                            = (known after apply)
```















































\$ terraform apply

Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4

```
plan. Resource actions are indicated with the following symbols:
 + create
Terraform will perform the following actions:
 # aws_instance.exercise3-inst will be created
 + resource "aws_instance" "exercise3-inst"
                                             = "ami-0649bea3443ede307"
     + ami
                                             = (known after apply)
     + arn
     + associate_public_ip_address
                                               (known after apply)
     + availability_zone
                                             = "us-east-2a"
                                             = (known after apply)
     + cpu_core_count
                                             = (known after apply)
     + cpu_threads_per_core
     + disable_api_stop
                                             = (known after apply)
     + disable_api_termination
                                             = (known after apply)
       ebs_optimized
                                             = (known after apply)
                                             = false
      + get_password_data
                                             = (known after apply)
      + host_id
                                             = (known after apply)
     + host_resource_group_arn
       iam_instance_profile
                                             = (known after apply)
       id
                                             = (known after apply)
       instance_initiated_shutdown_behavior = (known after apply)
       instance_lifecycle
                                             = (known after apply)
                                             = (known after apply)
       instance_state
       instance_type
                                             = "t2.micro"
                                             = (known after apply)
       ipv6_address_count
       ipv6_addresses
                                             = (known after apply)
                                             = "terraform-key"
       key_name
                                             = (known after apply)
      + monitoring
                                             = (known after apply)
     + outpost_arn
     + password_data
                                             = (known after apply)
                                             = (known after apply)
     + placement_group
     + placement_partition_number
                                             = (known after apply)
     + primary_network_interface_id
                                             = (known after apply)
```

Terraform used the selected providers to generate the following execution















































```
MINGW64:/d/terraform-examples/exercise4
                                                                                                                                    0
     + key_name_prefix = (known after apply)
                       = (known after apply)
     + key_pair_id
                       = (known after apply)
     + key_type
     + public_key
                       = "ssh-ed25519 AAAAC3NzaC1\ZDI1NTE5AAAAIIQtTkyS8Zfdtu+C5
561d0+RJZaYY4ItBd/oNyOqrICM Star@Dell-I3"
                       = (known after apply)
     + tags_all
Plan: 2 to add, 0 to change, 0 to destroy.
Changes to Outputs:
+ PrivateIP = (known after apply)
+ PublicIP = (known after apply)
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_key_pair.terraform-key: Creating...
aws_key_pair.terraform-key: Creation complete after 3s [id=terraform-key]
aws_instance.exercise3-inst: Creating...
aws_instance.exercise3-inst: Still creating... [10s elapsed]
aws_instance.exercise3-inst: Still creating... [20s elapsed]
aws_instance.exercise3-inst: Still creating... [30s elapsed]
aws_instance.exercise3-inst: Still creating... [40s elapsed]
aws_instance.exercise3-inst: Creation complete after 47s [id=i-02aa4d83e4600a620
Apply complete! Resources: 2 added, 0 changed, 0 destroyed.
Outputs:
PrivateIP = "172.31.10.104"
PublicIP = "3.12.151.252"
Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
```

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