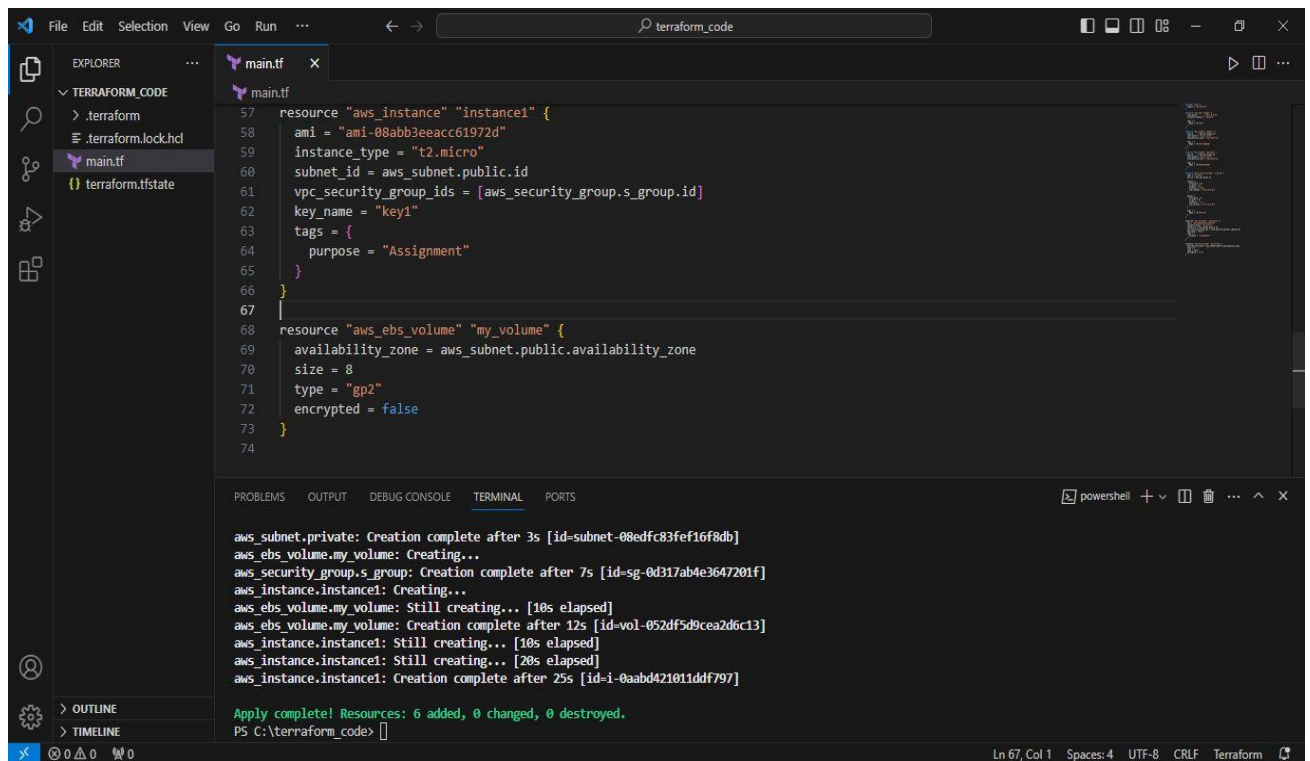


Output:



The screenshot shows a Visual Studio Code editor with a Terraform configuration file named `main.tf` open. The configuration defines two resources: an `aws_instance` named `instance1` and an `aws_ebs_volume` named `my_volume`. The instance is configured with `ami = "ami-08abb3eeacc61972d"`, `instance_type = "t2.micro"`, and is associated with `aws_subnet.public.id` and `aws_security_group.s_group.id`. The EBS volume is configured with `availability_zone = aws_subnet.public.availability_zone`, `size = 8`, `type = "gp2"`, and `encrypted = false`.

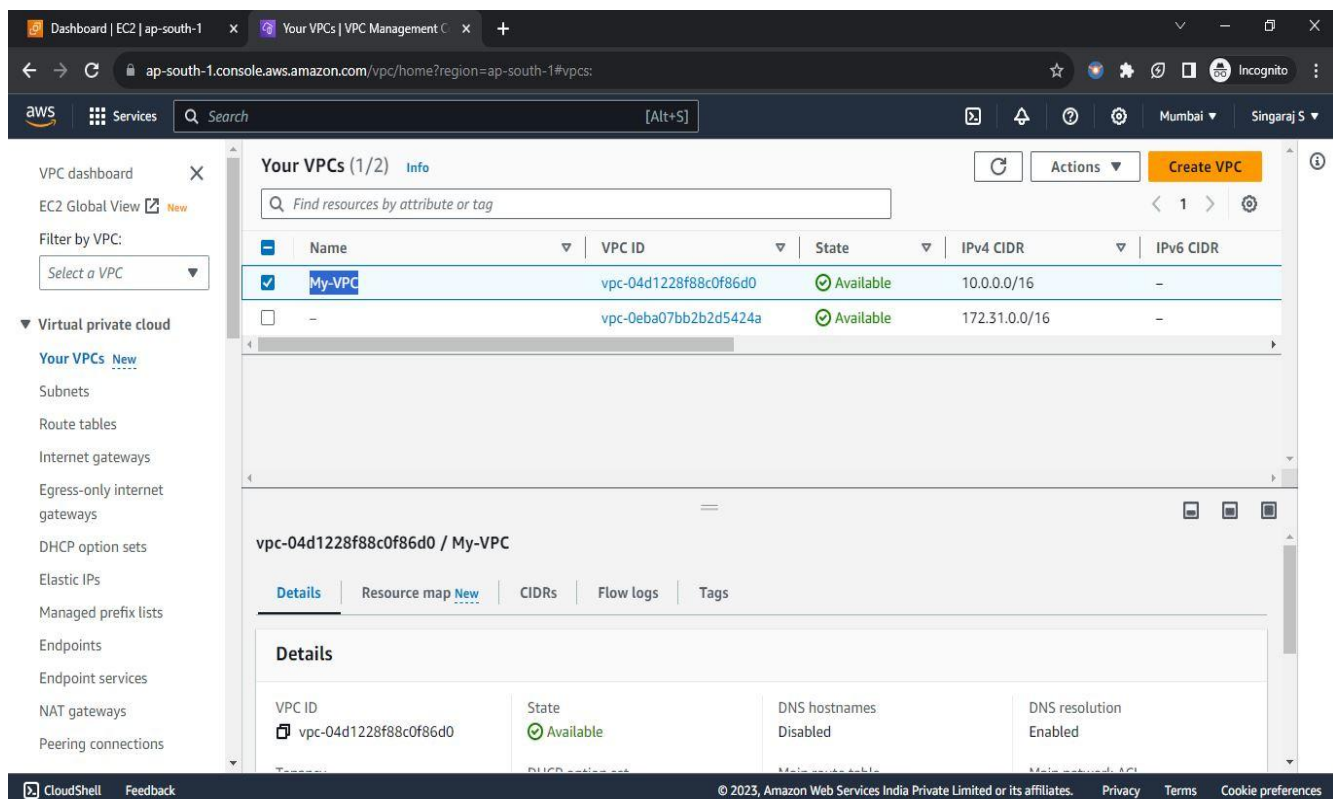
The terminal output shows the successful execution of the Terraform plan and apply. The resources were created in the following order: `aws_subnet.private`, `aws_ebs_volume.my_volume`, `aws_security_group.s_group`, and `aws_instance.instance1`. The total execution time was 255 seconds.

```
resource "aws_instance" "instance1" {
  ami = "ami-08abb3eeacc61972d"
  instance_type = "t2.micro"
  subnet_id = aws_subnet.public.id
  vpc_security_group_ids = [aws_security_group.s_group.id]
  key_name = "key1"
  tags = {
    purpose = "Assignment"
  }
}

resource "aws_ebs_volume" "my_volume" {
  availability_zone = aws_subnet.public.availability_zone
  size = 8
  type = "gp2"
  encrypted = false
}
```

aws_subnet.private: Creation complete after 3s [id=subnet-08edfc83fef16f8db]
aws_ebs_volume.my_volume: Creating...
aws_security_group.s_group: Creation complete after 7s [id=sg-0d317ab4e3647201f]
aws_instance.instance1: Creating...
aws_ebs_volume.my_volume: Still creating... [10s elapsed]
aws_ebs_volume.my_volume: Creation complete after 12s [id=vol-052df5d9cea2d6c13]
aws_instance.instance1: Still creating... [10s elapsed]
aws_instance.instance1: Still creating... [20s elapsed]
aws_instance.instance1: Creation complete after 25s [id=i-0aabd421011ddf797]

Apply complete! Resources: 6 added, 0 changed, 0 destroyed.
PS C:\terraform_code>



The screenshot shows the AWS Management Console for the `ap-south-1` region. The `Virtual private cloud` section is selected, and the `Your VPCs` page is displayed. A table lists the VPCs, including `My-VPC` with ID `vpc-04d1228f88c0f86d0` and state `Available`. The details for `vpc-04d1228f88c0f86d0 / My-VPC` are shown below the table.

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
My-VPC	vpc-04d1228f88c0f86d0	Available	10.0.0.0/16	-
-	vpc-0eba07bb2b2d5424a	Available	172.31.0.0/16	-

vpc-04d1228f88c0f86d0 / My-VPC

Details

VPC ID	State	DNS hostnames	DNS resolution
vpc-04d1228f88c0f86d0	Available	Disabled	Enabled

Dashboard | EC2 | ap-south-1 x Instances | EC2 | ap-south-1 x +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#instances:instanceState=running

Services Search [Alt+S]

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Events

Instances

Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations

Images
AMIs
AMI Catalog

Elastic Block Store

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

1

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
	i-0aabd421011ddf797	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	

Instance: i-0aabd421011ddf797

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Tags

Manage tags

1

Key	Value
purpose	Assignment

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#insta... © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Dashboard | EC2 | ap-south-1 x Subnets | VPC Management Console x +

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#subnets

Services Search [Alt+S]

VPC dashboard
EC2 Global View New

Filter by VPC:
Select a VPC

Virtual private cloud

Your VPCs New

Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections

Subnets (5) Info

Find resources by attribute or tag

Actions Create subnet

1

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	MY-VPC-PVTSUB	subnet-08edfc83fef16f8db	Available	vpc-04d1228f88c0f86d0 My-V...	10.0.2.0/24
<input type="checkbox"/>	-	subnet-07a9e07ba5876cc42	Available	vpc-0eba07bb2b2d5424a	172.31.0.0/24
<input type="checkbox"/>	-	subnet-01feb02131247d71	Available	vpc-0eba07bb2b2d5424a	172.31.0.0/24
<input type="checkbox"/>	-	subnet-06666870eed3331ef	Available	vpc-0eba07bb2b2d5424a	172.31.0.0/24
<input type="checkbox"/>	MY-VPC-PUBSUB	subnet-0223e7a565cd07a16	Available	vpc-04d1228f88c0f86d0 My-V...	10.0.1.0/24

Select a subnet

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