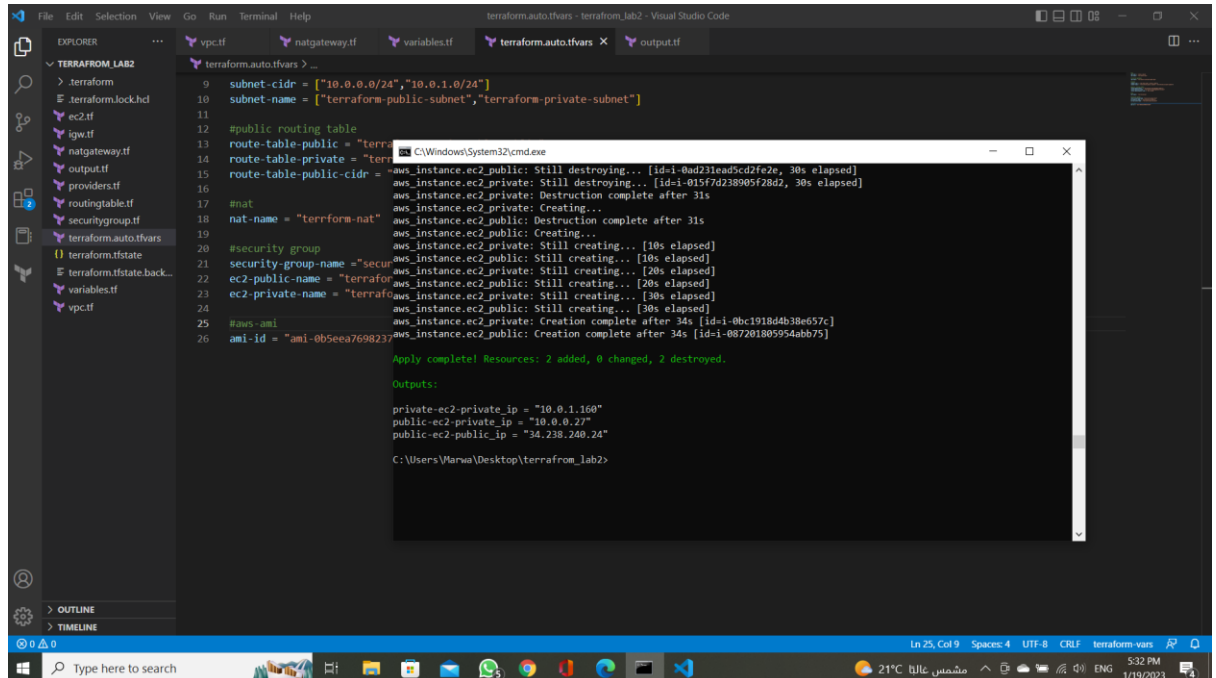


Marwa Ahmed Darwish

Terraform Lab2:

1- Terraform output



```
9 subnet-cidr = ["10.0.0.0/24","10.0.1.0/24"]
10 subnet-name = ["terraform-public-subnet","terraform-private-subnet"]
11
12 #public routing table
13 route-table-public = "terraform-public-route-table"
14 route-table-private = "terraform-private-route-table"
15 route-table-public-cidr = ["10.0.0.0/24","10.0.1.0/24"]
16
17 #nat
18 nat-name = "terraform-nat"
19
20 #security group
21 security-group-name = "terraform-ec2-security-group"
22 ec2-public-name = "terraform-ec2-public"
23 ec2-private-name = "terraform-ec2-private"
24
25 #aws-ami
26 ami-id = "ami-0b5eea76982377b1d"

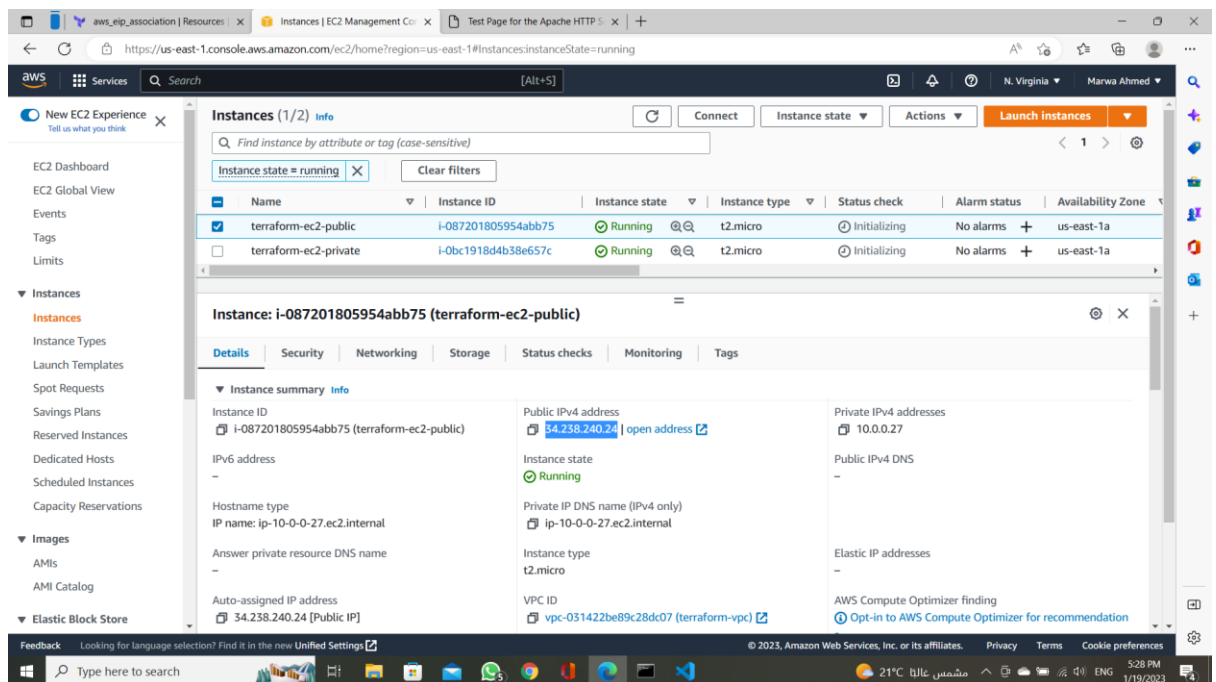
aws_instance.ec2_public: Still destroying... [id=i-0ad23lead5cd2fe2e, 30s elapsed]
aws_instance.ec2_private: Still destroying... [id=i-015f7d238905f28d2, 30s elapsed]
aws_instance.ec2_public: Destruction complete after 31s
aws_instance.ec2_private: Destruction complete after 31s
aws_instance.ec2_public: Creating...
aws_instance.ec2_private: Creating...
aws_instance.ec2_public: Still creating... [10s elapsed]
aws_instance.ec2_private: Still creating... [10s elapsed]
aws_instance.ec2_public: Still creating... [20s elapsed]
aws_instance.ec2_private: Still creating... [20s elapsed]
aws_instance.ec2_public: Still creating... [30s elapsed]
aws_instance.ec2_private: Still creating... [30s elapsed]
aws_instance.ec2_public: Creation complete after 34s [id=i-0bc1918d4b38e657c]
aws_instance.ec2_private: Creation complete after 34s [id=i-087201805954abb75]

Apply complete! Resources: 2 added, 0 changed, 2 destroyed.

Outputs:
private-ec2-private_ip = "10.0.1.160"
public-ec2-private_ip = "10.0.0.27"
public-ec2-public_ip = "34.238.240.24"

C:\Users\Marwa\Desktop>terraform lab2>
```

2- Public and private ec2 instances



Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
terraform-ec2-public	i-087201805954abb75	Running	t2.micro	Initializing	No alarms	us-east-1a
terraform-ec2-private	i-0bc1918d4b38e657c	Running	t2.micro	Initializing	No alarms	us-east-1a

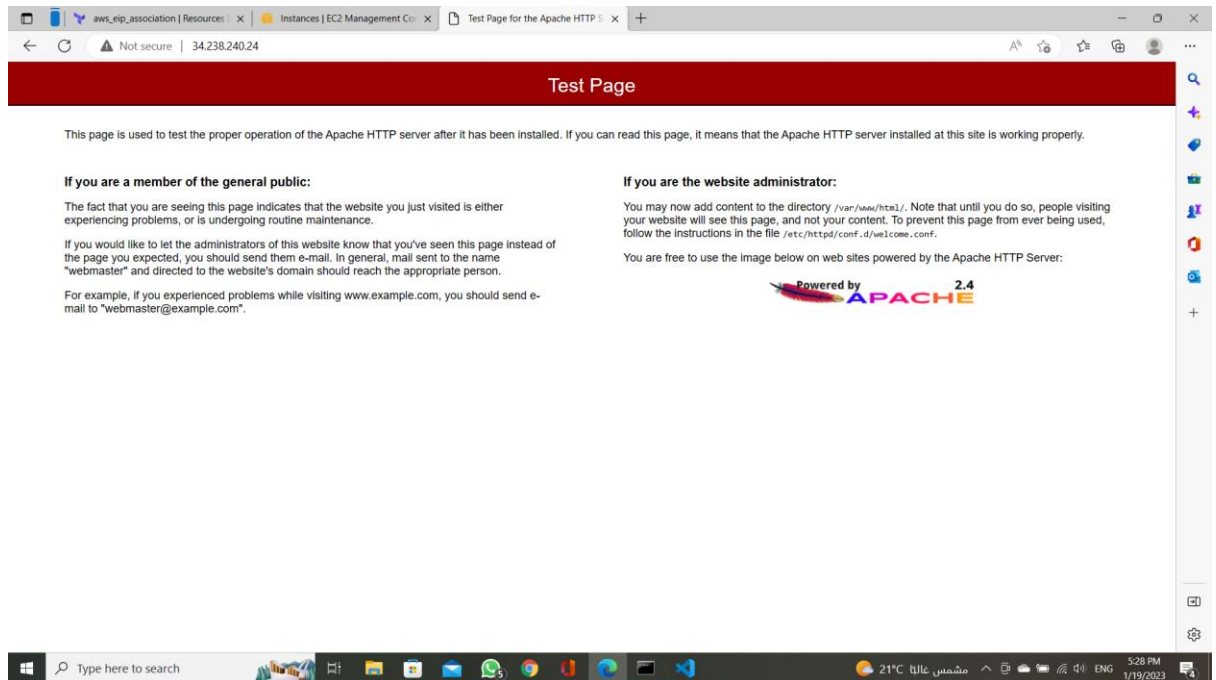
Instance: i-087201805954abb75 (terraform-ec2-public)

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

Instance summary Info

Instance ID	i-087201805954abb75 (terraform-ec2-public)	Public IPv4 address	34.238.240.24 open address	Private IPv4 addresses	10.0.0.27
IPv6 address	-	Instance state	Running	Public IPv4 DNS	-
Hostname type	ip-10-0-0-27.ec2.internal	Private IP DNS name (IPv4 only)	ip-10-0-0-27.ec2.internal	Elastic IP addresses	-
Answer private resource DNS name	-	Instance type	t2.micro	AWS Compute Optimizer finding	Opt-in to AWS Compute Optimizer for recommendation
Auto-assigned IP address	34.238.240.24 [Public IP]	VPC ID	vpc-031422be89c28dc07 (terraform-vpc)		

3- Public ip test in browser



4- Logs of private ip

