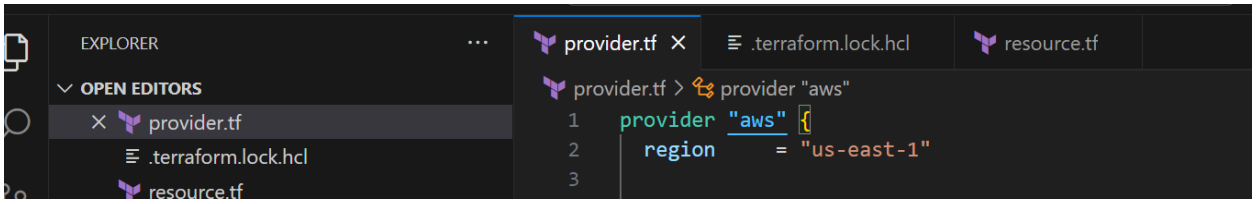
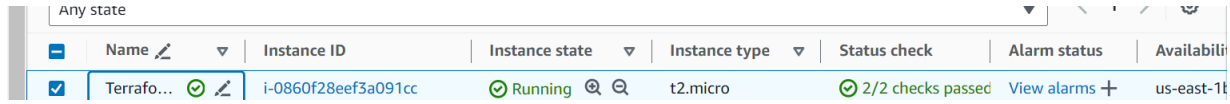
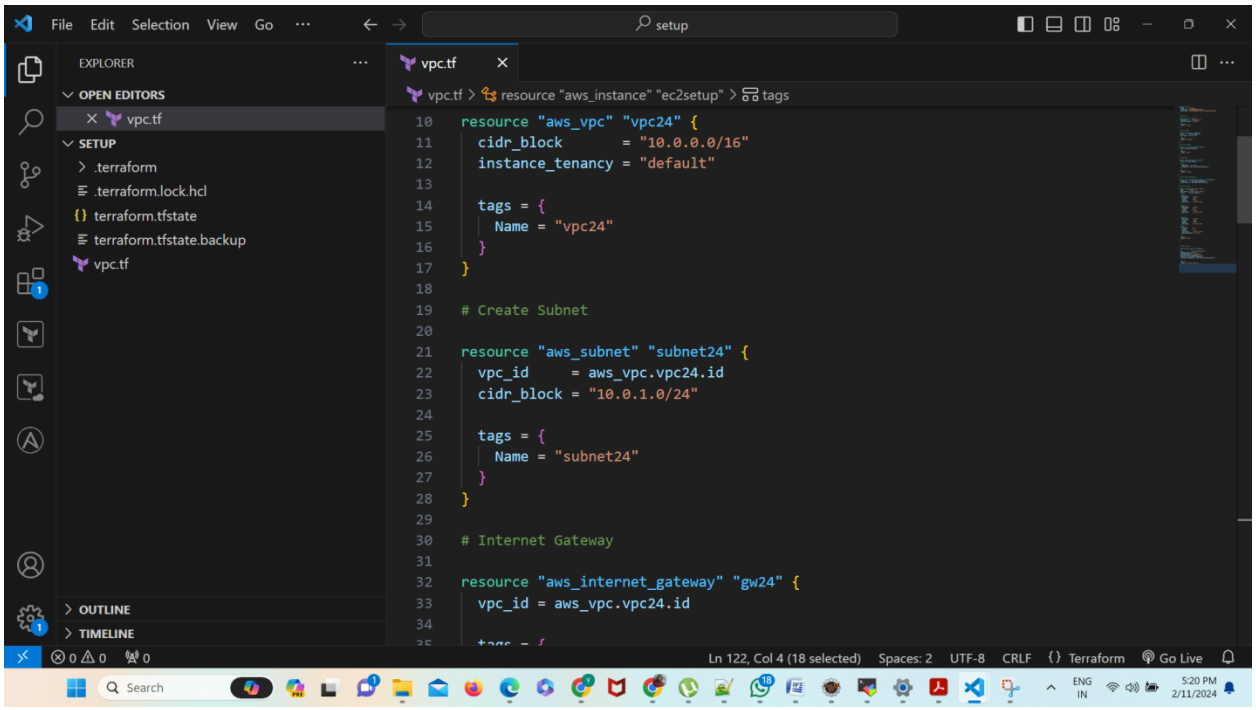
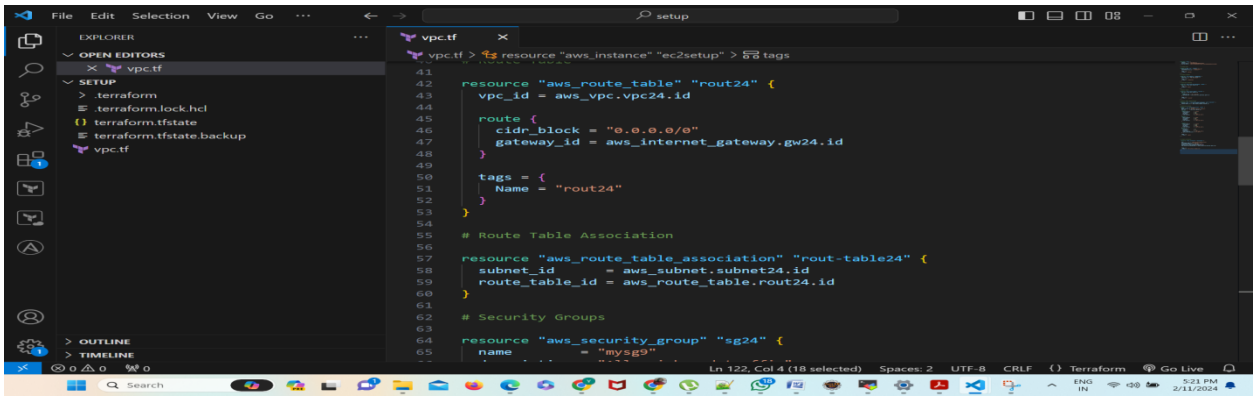
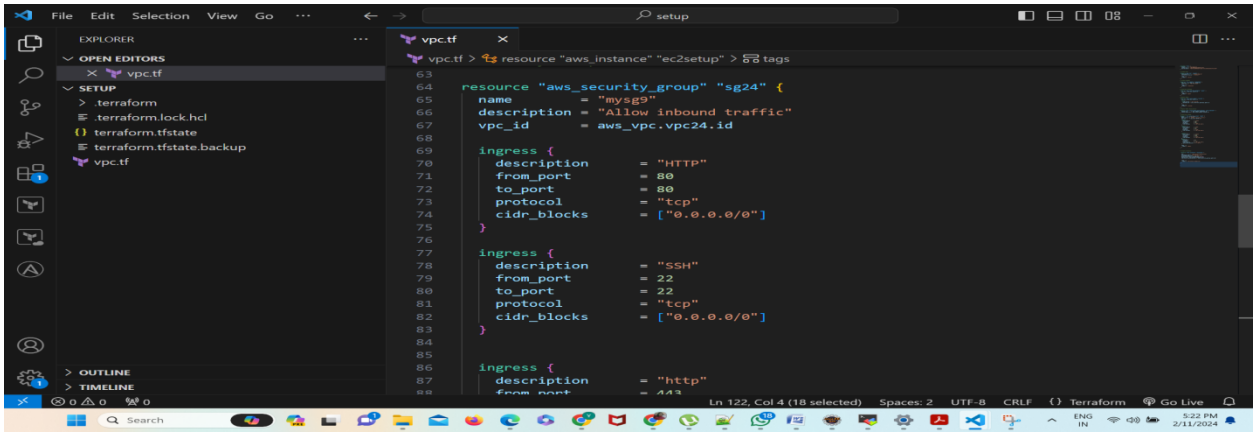
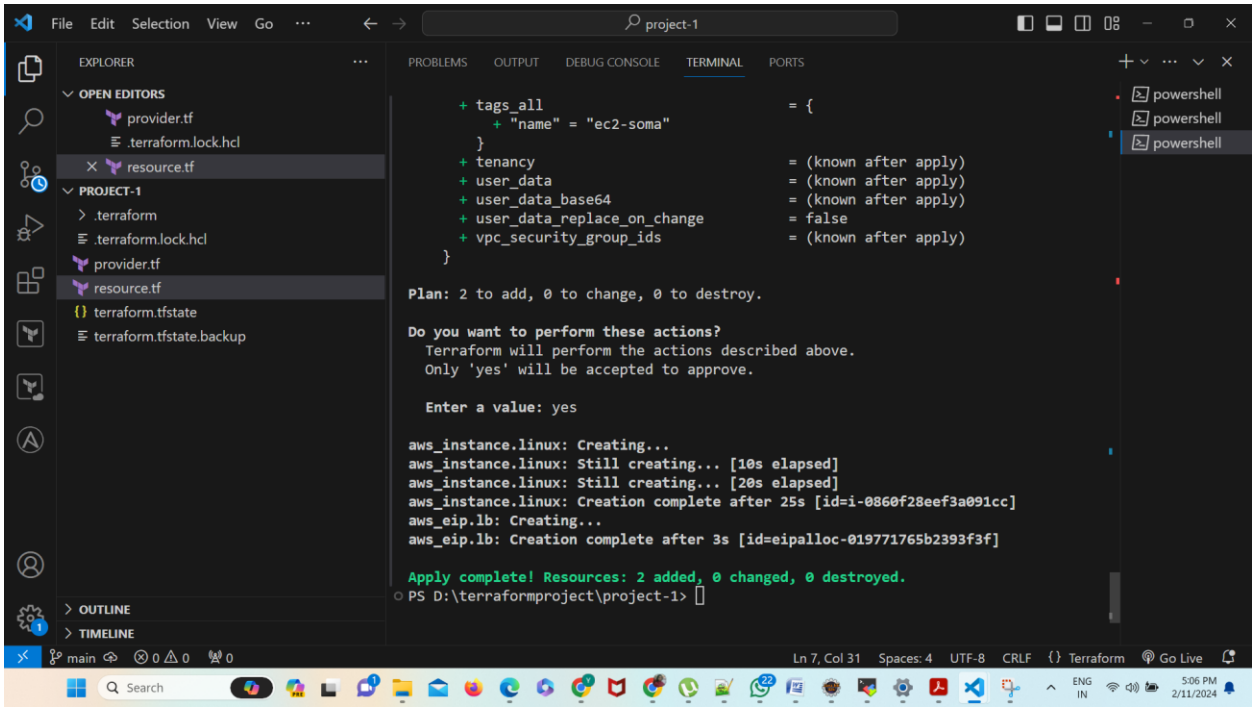

EXPLORER
provider.tf
.terraform.lock.hcl
resource.tf
OPEN EDITORS
provider.tf
.terraform.lock.hcl
resource.tf
provider.tf > provider "aws"
1 provider "aws" {
2 region = "us-east-1"
3

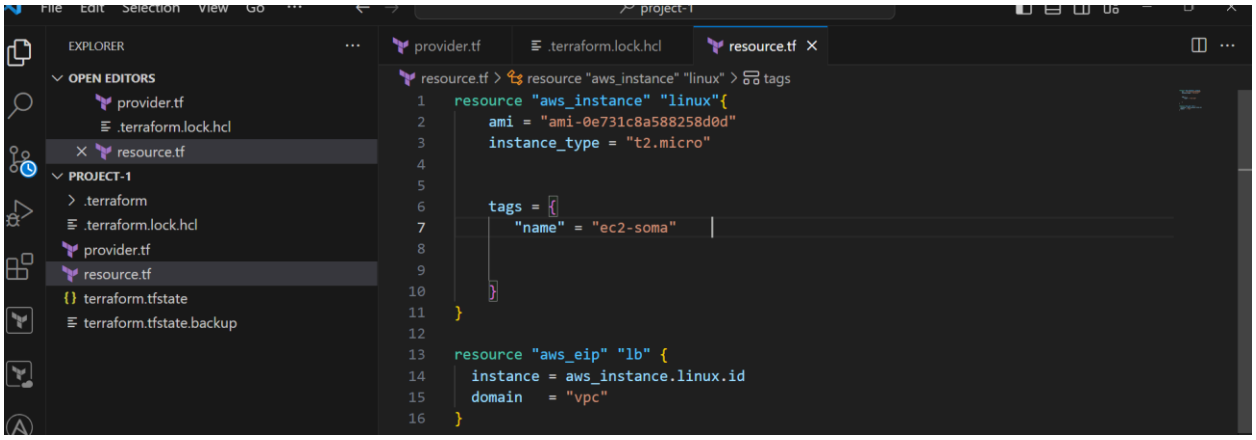

Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availabili
Terrafo...
i-0860f28eef3a091cc
Running
t2.micro
2/2 checks passed
View alarms
us-east-1b

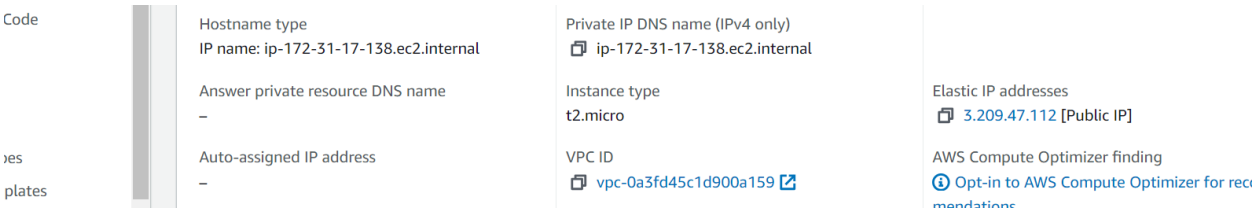

File Edit Selection View Go
setup
EXPLORER
OPEN EDITORS
vpc.tf
SETUP
.terraform
.terraform.lock.hcl
terraform.tfstate
terraform.tfstate.backup
vpc.tf
OUTLINE
TIMELINE
vpc.tf > resource "aws_instance" "ec2setup" > tags
resource "aws_vpc" "vpc24" {
cidr_block = "10.0.0.0/16"
instance_tenancy = "default"
tags = {
Name = "vpc24"
}
}
# Create Subnet
resource "aws_subnet" "subnet24" {
vpc_id = aws_vpc.vpc24.id
cidr_block = "10.0.1.0/24"
tags = {
Name = "subnet24"
}
}
# Internet Gateway
resource "aws_internet_gateway" "gw24" {
vpc_id = aws_vpc.vpc24.id
Ln 122, Col 4 (18 selected)
Spaces: 2
UTF-8
CRLF
Terraform
Go Live
Search
ENG
IN
5:20 PM
2/11/2024

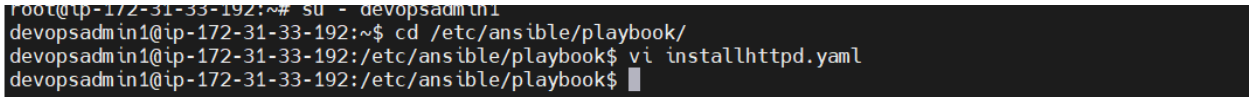

File Edit Selection View Go
setup
EXPLORER
OPEN EDITORS
vpc.tf
SETUP
.terraform
.terraform.lock.hcl
terraform.tfstate
terraform.tfstate.backup
vpc.tf
OUTLINE
TIMELINE
vpc.tf > resource "aws_instance" "ec2setup" > tags
resource "aws_route_table" "rout24" {
vpc_id = aws_vpc.vpc24.id
route {
cidr_block = "0.0.0.0/0"
gateway_id = aws_internet_gateway.gw24.id
}
tags = {
Name = "rout24"
}
}
# Route Table Association
resource "aws_route_table_association" "rout-table24" {
subnet_id = aws_subnet.subnet24.id
route_table_id = aws_route_table.rout24.id
}
# Security Groups
resource "aws_security_group" "sg24" {
name = "mysg9"
Ln 122, Col 4 (18 selected)
Spaces: 2
UTF-8
CRLF
Terraform
Go Live
Search
ENG
IN
5:21 PM
2/11/2024

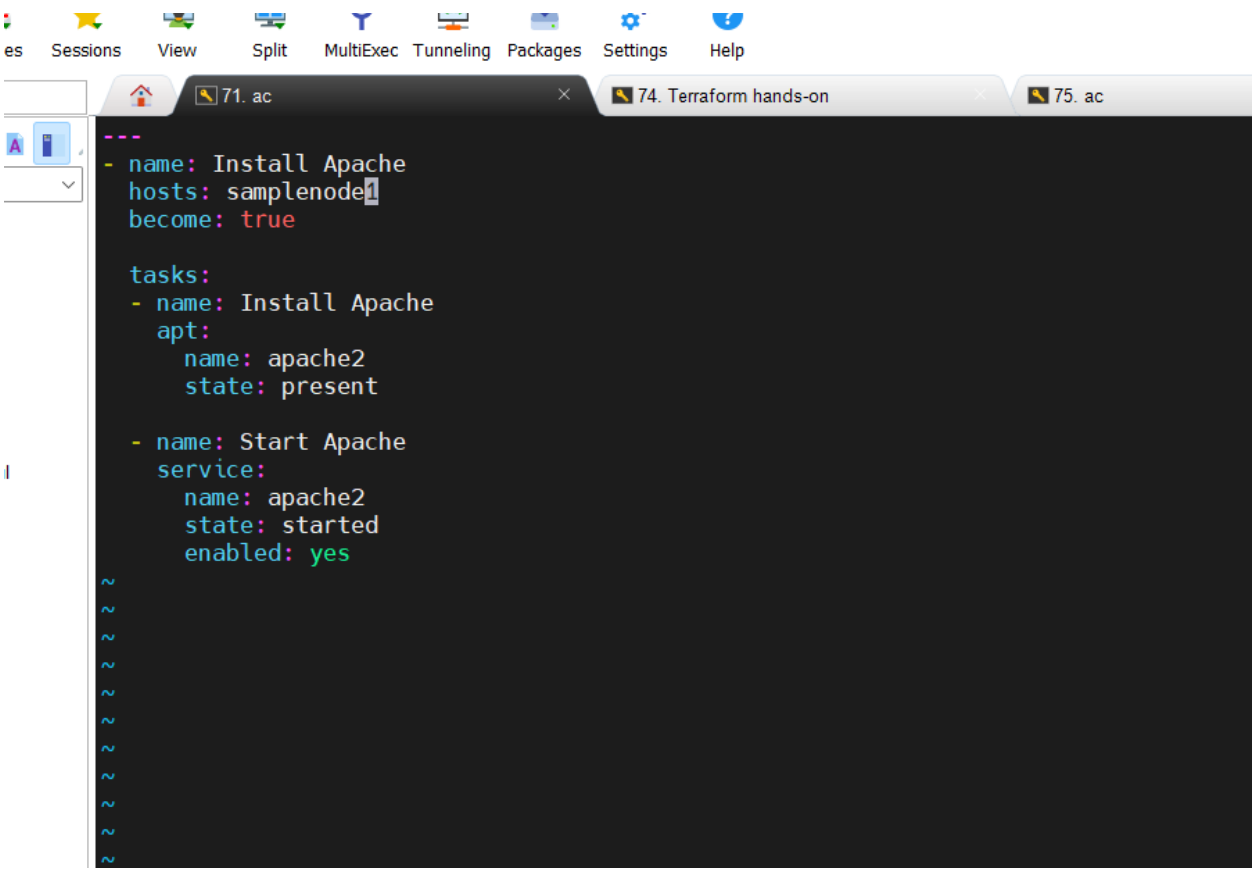

File Edit Selection View Go
setup
EXPLORER
OPEN EDITORS
vpc.tf
SETUP
.terraform
.terraform.lock.hcl
terraform.tfstate
terraform.tfstate.backup
vpc.tf
OUTLINE
TIMELINE
vpc.tf
vpc.tf > resource "aws_instance" "ec2setup" > tags
resource "aws_security_group" "sg24" {
name = "mysg9"
description = "Allow inbound traffic"
vpc_id = aws_vpc.vpc24.id
ingress {
description = "HTTP"
from_port = 80
to_port = 80
protocol = "tcp"
cidr_blocks = ["0.0.0.0/0"]
}
ingress {
description = "SSH"
from_port = 22
to_port = 22
protocol = "tcp"
cidr_blocks = ["0.0.0.0/0"]
}
ingress {
description = "http"
Ln 122, Col 4 (18 selected) Spaces: 2 UTF-8 CRLF Terraform Go Live


File Edit Selection View Go
project-1
EXPLORER
OPEN EDITORS
provider.tf
.terraform.lock.hcl
resource.tf
PROJECT-1
.terraform
.terraform.lock.hcl
provider.tf
resource.tf
terraform.tfstate
terraform.tfstate.backup
OUTLINE
TIMELINE
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
powershell
powershell
+ tags_all = {
+ "name" = "ec2-soma"
}
+ tenancy = (known after apply)
+ user_data = (known after apply)
+ user_data_base64 = (known after apply)
+ user_data_replace_on_change = false
+ vpc_security_group_ids = (known after apply)
}
Plan: 2 to add, 0 to change, 0 to destroy.
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_instance.linux: Creating...
aws_instance.linux: Still creating... [10s elapsed]
aws_instance.linux: Still creating... [20s elapsed]
aws_instance.linux: Creation complete after 25s [id=i-0860f28eef3a091cc]
aws_eip.lb: Creating...
aws_eip.lb: Creation complete after 3s [id=eipalloc-019771765b2393f3f]
Apply complete! Resources: 2 added, 0 changed, 0 destroyed.
PS D:\terraformproject\project-1>
main
Ln 7, Col 31 Spaces: 4 UTF-8 CRLF Terraform Go Live


EXPLORER
OPEN EDITORS
provider.tf
.terraform.lock.hcl
resource.tf
PROJECT-1
.terraform
.terraform.lock.hcl
provider.tf
resource.tf
terraform.tfstate
terraform.tfstate.backup
resource.tf > resource "aws_instance" "linux" > tags
1 resource "aws_instance" "linux"{
2 ami = "ami-0e731c8a588258d0d"
3 instance_type = "t2.micro"
6 tags = {
7 "name" = "ec2-soma"
11 }
13 resource "aws_eip" "lb" {
14 instance = aws_instance.linux.id
15 domain = "vpc"
16 }


Code
Hostname type
IP name: ip-172-31-17-138.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-17-138.ec2.internal
Answer private resource DNS name
–
Instance type
t2.micro
Elastic IP addresses
3.209.47.112 [Public IP]
Auto-assigned IP address
–
VPC ID
vpc-0a3fd45c1d900a159
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for rec


devopsadmin1@ip-172-31-33-192:~$ cd /etc/ansible/playbook/
devopsadmin1@ip-172-31-33-192:/etc/ansible/playbook$ vi installhttpd.yaml
devopsadmin1@ip-172-31-33-192:/etc/ansible/playbook$


Sessions
View
Split
MultiExec
Tunneling
Packages
Settings
Help
71. ac
74. Terraform hands-on
75. ac

- name: Install Apache
hosts: samplenode1
become: true
tasks:
- name: Install Apache
apt:
name: apache2
state: present
- name: Start Apache
service:
name: apache2
state: started
enabled: yes

```
root@ip-172-31-33-0:~# apache2 -v
Server version: Apache/2.4.52 (Ubuntu)
Server built:   2023-10-26T13:44:44
root@ip-172-31-33-0:~#
```