Main.tf

resource "aws\_security\_group" "allow\_tls" {

name = "allow\_tls"

description = "Allow TLS inbound traffic"

vpc\_id = "vpc-0345745157cfcbd5b"

ingress {

from\_port = 22

to\_port = 22

protocol = "tcp"

cidr\_blocks = ["0.0.0.0/0"]

}

ingress {

from\_port = 8080

to\_port = 8080

protocol = "tcp"

cidr\_blocks = ["0.0.0.0/0"]

}

ingress {

from\_port = -1

to\_port = -1

protocol = "icmp"

cidr\_blocks = ["0.0.0.0/0"]

}

egress {

from\_port = 0

to\_port = 0

protocol = "-1"

cidr\_blocks = ["0.0.0.0/0"]

}

lifecycle {

create\_before\_destroy = true

}

}

resource "aws\_instance" "web" {

ami = "ami-053b0d53c279acc90"

instance\_type = "t2.micro"

key\_name = "test"

depends\_on = [aws\_security\_group.allow\_tls]

vpc\_security\_group\_ids = [aws\_security\_group.allow\_tls.id]

}

Providers.tf:

provider "aws" {

# Configuration options

region = "us-east-1"

}