

```
terraform project
$HOME/terraform/
|-travelgo (project directory)
|  |-main.tf
|  |-variables.tf
|  |-inputs.tfvars
|  |-outputs.tf
|  |-.terraform/
|     |-providerplugins
|     |-terraform.tfstate
```

each resource = #id resource (provisioned on the cloudplatform)
declaration



terraform.tfstate



```
1. security group
resource "aws_security_group" "travelgosg" {
  ingress {
    from_port=22
    to_port=22
    protocol="tcp"
    cidr_block = "0.0.0.0/0"
  }
  egress {
    from_port=0
    to_port=0
    protocol="-1"
    cidr_block = "0.0.0.0/0"
  }
  tags = {
    "Name" = "travelgosg"
  }
}

2. keypair
resource "aws_key_pair" "travelgokp" {
  key_name="travelgokp"
  public_key = file("~/ssh/terraformmkp.pub")
}

3. ec2
resource "travelgoec2" {
  instance_type="t2.micro"
  ami = "ami-9389904"
  key_name = aws_key_pair.travelgokp.key_name
  vpc_security_group_ids = [aws_security_group.travelgosg.id]
  tags = {
    "Name" = "travelgoec2"
  }
}
```

#id
travelgosg

#id
travelgokp

#id
Amazon EC2
travelgoec2