Create SG: sg.tf

# sg.tf - Creating a firewall rule in GCP to allow SSH and unlimited egress

resource "google\_compute\_firewall" "allow\_ssh\_and\_egress" {

name = "allow-ssh-and-egress"

network = "default" # Replace with your VPC name if necessary

# Ingress rule to allow SSH (port 22) access

allow {

protocol = "tcp"

ports = ["22"]

}

# Egress rule to allow all outbound traffic (unlimited)

allow {

protocol = "all"

}

# Define source ranges for incoming traffic (allow all IPs for SSH)

source\_ranges = ["0.0.0.0/0"] # Allow access from any source

# Optional: Set target tags for applying the firewall rule to specific instances

target\_tags = ["ssh-access"]

description = "Allow SSH access on port 22 and unlimited egress access"

}

Apply using : terraform apply

Check status: terraform state list

--Try to design output file as assignment to fetch vpc detaisl