Homework_Lesson36_Report

Задание:
1. Напишите конфиг для создания EC2/CE.
2. Добавьте переменную, которая будет определять имя вашей виртуальной машины

Конфиг для создания машина CE написан и прикреплен на github.

Запускаем конфиг.

```
PS D:\Terraform\gsp\terraform_1> terraform apply -auto-approve

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

  # google_compute_firewall.http_https_ssh will be created
  + resource "google_compute_firewall" "http_https_ssh" {
      + creation_timestamp = (known after apply)
      + destination_ranges = (known after apply)
      + direction          = (known after apply)
      + enable_logging     = (known after apply)
      + id                 = (known after apply)
      + name               = "allow-http-https-ssh"
      + network            = "av1-network"
      + priority           = 1000
      + project            = "glossy-precinct-450612-g6"
      + self_link          = (known after apply)
      + source_ranges      = [
          + "0.0.0.0/0",
        ]

      + allow {
          + ports    = [
              + "80",
              + "8080",
              + "443",
              + "22",
            ]
          + protocol = "tcp"
        }
    }

  # google_compute_instance.ubuntu_ce will be created
  + resource "google_compute_instance" "ubuntu_ce" {
      + can_ip_forward      = false
      + cpu_platform        = (known after apply)
      + creation_timestamp  = (known after apply)
      + current_status      = (known after apply)
      + deletion_protection = false
      + effective_labels    = {
          + "goog-terraform-provisioned" = "true"
        }
      + id                  = (known after apply)
      + instance_id         = (known after apply)
      + label_fingerprint   = (known after apply)
      + machine_type        = "e2-micro"
      + metadata            = {
          + "ssh-keys"       = <<-EOT
                alex5482671a1:ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAgNAGBfwRwHpvbKeeYqakwbJnz7nXyV3hM8JfoRDuotr1SmmsYpmipIWrya/J5p/Gl6JjBpTcodNYfcmXwcXYAJMRmbnX/XamQl6L6J
                HXOKLfbVoAxXo5Ka1RAmTwEzK1QH38hj2R6gv1jr7ScnLbME7c1VeumGK7EPZf+p05aM8SVAGEo0OJ3nEzV5y9eI3XYJP+hjdOpi6zhCMwEYhZKY53HZxc9OR83avHAWP5e8I6Auw== alex5482671a1
            EOT
          + "startup-script" = <<-EOT
                #!/bin/bash
                apt update -y
                apt install -y nginx net-tools
                systemctl start nginx
                systemctl enable nginx
            EOT
        }
      + metadata_fingerprint = (known after apply)
```

```
Plan: 4 to add, 0 to change, 0 to destroy.
google_compute_network.av1_vpc: Creating...
google_compute_network.av1_vpc: Still creating... [10s elapsed]
google_compute_network.av1_vpc: Still creating... [20s elapsed]
google_compute_network.av1_vpc: Creation complete after 24s [id=projects/glossy-precinct-450612-g6/global/networks/av1-network]
google_compute_subnetwork.av1_subnet: Creating...
google_compute_firewall.http_https_ssh: Creating...
google_compute_firewall.http_https_ssh: Still creating... [10s elapsed]
google_compute_subnetwork.av1_subnet: Still creating... [10s elapsed]
google_compute_firewall.http_https_ssh: Creation complete after 14s [id=projects/glossy-precinct-450612-g6/global/firewalls/allow-http-https-ssh]
google_compute_subnetwork.av1_subnet: Still creating... [20s elapsed]
google_compute_subnetwork.av1_subnet: Creation complete after 22s [id=projects/glossy-precinct-450612-g6/regions/europe-north1/subnetworks/av1-subnet]
google_compute_instance.ubuntu_ce: Creating...
google_compute_instance.ubuntu_ce: Still creating... [11s elapsed]
google_compute_instance.ubuntu_ce: Still creating... [21s elapsed]
google_compute_instance.ubuntu_ce: Creation complete after 30s [id=projects/glossy-precinct-450612-g6/zones/europe-north1-b/instances/ubuntu24-ce]

Apply complete! Resources: 4 added, 0 changed, 0 destroyed.
```

Инстенс создан.

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☐	◯	ubuntu24	europe-north1-b			10.166.0.3 (nic0)		SSH ▾	⋮
☐	✅	ubuntu24-ce	europe-north1-b			10.0.1.2 (nic0)	35.228.108.30 (nic0)	SSH ▾	⋮

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