

```

resource "google_compute_network" "vpc_network" {
  name                = "my-custom-mode-network"
  auto_create_subnetworks = false
  mtu                  = 1460
}

resource "google_compute_subnetwork" "default" {
  name                = "my-custom-subnet"
  ip_cidr_range       = "10.0.1.0/24"
  region              = "us-west1"
  network              = google_compute_network.vpc_network.id
}

# Create a single Compute Engine instance
resource "google_compute_instance" "default" {
  name                = "flask-vm"
  machine_type        = "f1-micro"
  zone                = "us-west1-a"
  tags                 = ["ssh"]

  boot_disk {
    initialize_params {
      image = "debian-cloud/debian-11"
    }
  }

  # Install Flask
  metadata_startup_script = "sudo apt-get update; sudo apt-get
install -yq build-essential python3-pip rsync; pip install flask"

  network_interface {
    subnetwork = google_compute_subnetwork.default.id

    access_config {
      # Include this section to give the VM an external IP address
    }
  }
}

```