

```
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
  }
}
}
```