

Enterprise Multi-Environment GCP Infrastructure

Development • Staging • Production | Project: praxis-gear-483220-k4

GCP

Internet

External Traffic
HTTPS/SSH Access

Security & Firewall

- SSH Access Port 22
- HTTP/HTTPS Ports 80, 443
- Internal All ports
- Health Checks GCP ranges

Network Tags:

ssh-allowed
http-allowed
health-check

Workload Identity

Pool ID: github-pool
Provider: GitHub Actions
Repository: urajkmr39-lang/GCP-Terraform
Status: Active

No Stored Keys

Google Cloud Project: praxis-gear-483220-k4

VPC Network: development-vpc

Subnet: development-subnet (10.10.0.0/16)

Cloud Router
development-router

Cloud NAT
development-nat

VM

Compute Engine Instance

development-vm | e2-medium

Ubuntu 22.04 LTS
Internal: 10.10.0.2
External: Dynamic IP

Docker Ready

Service Account: development-vm-sa

Workload Identity Enabled

Multi-Environment Setup

- Development: 10.10.0.0/16
- Staging: 10.20.0.0/16
- Production: 10.30.0.0/16
- State Storage: Remote GCS
- CI/CD Ready: All Envs

Enterprise Architecture

Multi-Environment Ready
Remote State Management