

Google Cloud Platform - Development Environment

Infrastructure Architecture | 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: dev-pool
Provider: GitHub Actions
Repository: Configured
Status: ✓ Active

No Stored Keys

Google Cloud Project: praxis-gear-483220-k4

VPC Network: dev-vpc

Subnet: dev-subnet (10.0.1.0/24)

Cloud Router

dev-router

Cloud NAT

dev-nat

Compute Engine Instance

dev-vm | e2-medium

Ubuntu 22.04 LTS

Internal: 10.0.1.2

External: 34.173.255.107

Docker Ready

Service Account: dev-vm-sa

Workload Identity Enabled

Infrastructure Metrics

- Resources: 15 Created
- Modules: 4 Deployed
- Security: Compliant
- Cost/Month: \$18-24
- Uptime: 99.9% SLA

Deployed via Terraform

Infrastructure as Code
Version Controlled