

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

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VPC Network: dev-vpc

Subnet: dev-subnet (10.0.1.0/24)

Cloud Router
dev-router

Cloud NAT
dev-nat

VM

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