

GCP Cloud Engineering Foundations

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LEVERAGE THE CLOUD TO SCALE QUICKLY AND SECURELY. This engagement brings your environment up to par with industry best practices including infrastructure-as-code, CI/CD pipelining, infra-code security analysis, and secrets and configuration management.

Secure Cloud Preparation

This engagement will help your team design and deploy the core resources necessary to securely automate and iterate on the Google Cloud Platform. Containers, serverless, Kubernetes and Big Data solutions all need a supporting cast of tools and orchestration to run securely. Our team can help you understand where and how to leverage native GCP building blocks with infrastructure-as-code including:

- Organization/Folder/Project Hierarchy
- Artifact and Source repo orchestration
- Secret and Key Manager deployment
- Tailored Terraform modules
- CloudBuild Pipelines
- GKE orchestration & hardening
- Logs, Monitoring, and instrumentation
- Services Accounts & Cloud Identity

DevOps for Google Cloud

Use of popular tools and services, including:

- Cloud Build
- Cloud Deploy
- Container Registry
- Artifact Registry
- Source Repositories
- Cloud Foundations Toolkit
- Cloud Logging

Intended Audience

Infrastructure stakeholders and engineers/developers responsible for deploying and maintaining the GCP footprint. Compliance and security teams are also encouraged to join.

Engagement Scope

This engagement covers a broad range of domains including:

- 🔒 Workflow guidance and guardrails
- 🔒 Infrastructure Code
- 🔒 CI/CD Setup
- 🔒 Secrets Management
- 🔒 Artifact Management
- 🔒 Serverless Orchestration
- 🔒 Container Orchestration
- 🔒 Config Management
- 🔒 Identity Management
- 🔒 Logging and Monitoring
- 🔒 Software Supply Chain
- 🔒 Dependency Management

New environments can usually be ready to test in 8-10 weeks.