GCP Cloud Optimization – GCP Cloud Foundations

# Milestones / Deliverables

* • Finalize Project Hierarchy & Folder Design
* • Network & VPC Architecture Design
* • GCP Project and Billing Account Setup
* • IAM & Access Control Strategy
* • Logging, Monitoring & Alerting Configuration
* • Cost Optimization, Labeling, and Governance Framework
* • Obtain Budget Approvals and Stakeholder Buy-In
* • Integrate with Enterprise Identity (Azure AD, SAML)
* • Terraform/IaC Implementation and CI/CD Setup

# Dependencies

* • Budget / Funding Approvals for GCP Resources
* • Legal and Security Compliance Reviews
* • Identity Provider Federation Setup (Azure AD)
* • Approval of Network Design and IP Plan
* • Splunk / Monitoring Tool Access and Integration
* • Terraform/CI/CD Tooling Procurement
* • GCP Organization Admin and Billing Account Access

# High-Level Implementation Timeline (2025–2027)

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| --- | --- | --- | --- |
| Workstream | 2025 | 2026 | 2027 |
| Project & Network Design | Design & Review (Q1–Q2) |  |  |
| Budget Approval | Budget Approval (Q2) |  |  |
| Project & Billing Setup | Parent Project Setup (Q3–Q4) |  |  |
| IAM & Org Policy Setup |  | IAM Hardening & Policy Setup (Q1–Q2) |  |
| CI/CD & Terraform Setup |  | IaC Automation (Q1–Q3) |  |
| Logging & Monitoring |  | Splunk Integration (Q2–Q4) |  |
| Application Migration |  |  | Migration Execution (Q1–Q3) |
| Ongoing Ops & Support |  |  | Maintenance (Q2–Q4) |