

XTIVIA GOOGLE CLOUD PLATFORM (GCP) FOUNDATIONS BENCHMARK ASSESSMENT

STOP GAPS. BUILD TRUST. SECURE YOUR CLOUD.

Is your Google Cloud environment truly secure? While Google protects the underlying platform, your specific configuration needs guardrails to prevent data leaks and unauthorized access.

XTIVIA's deep-dive assessment uses the **CIS Google Cloud Computing Platform Benchmark**—the definitive security standard developed through a community consensus of industry experts. **For specialized services such as databases, we dynamically incorporate relevant, additional CIS Benchmarks to ensure full coverage of your unique environment.**

XTIVIA is a proud CIS Member, ensuring our team brings the highest level of trust and expertise to securing your infrastructure.

Key Assessment Categories (The Audit Focus)

This audit provides total visibility into your cloud posture by focusing on critical pillars of your Google Cloud environment:

- **Identity and Access Management (IAM):** We verify "Least Privilege" access, enforce Multi-Factor Authentication (MFA), and audit Service Account keys to prevent credential exposure.
- **Logging and Monitoring:** We confirm that **Cloud Audit Logs** are enabled across all services and that **Log Sinks** are configured to capture and export all security-critical events for analysis.
- **Networking and Virtual Private Cloud (VPC):** We evaluate VPC firewall rules to prevent unrestricted access (0.0.0.0/0), ensure Private Google Access is utilized, and audit the use of Legacy Networks.
- **Storage and Database Security:** We verify that **Cloud Storage** buckets are not publicly accessible and ensure encryption (Customer-Managed or Google-Managed) is enforced across all data at rest.
- **Compute Engine and GKE:** We audit VM instances for project-wide SSH keys, and for **Google Kubernetes Engine (GKE)** clusters, we incorporate both the GCP Foundations and the specific **Container-Optimized OS (COS)** benchmarks.
- **Data Loss Prevention (DLP):** We audit for the implementation and effectiveness of DLP policies to detect, classify, and protect sensitive data (PII, financial data) residing in Cloud Storage and BigQuery.
- **Security Command Center (SCC) & Operations:** We verify the deployment and configuration of the Security Command Center (SCC) for continuous asset inventory, vulnerability scanning, and threat detection, moving beyond a point-in-time audit.
- **Secrets Management:** We verify that all secrets, keys, and API credentials are secured through a managed service such as Secret Manager rather than embedded in code or configuration files.
- **Resource & Cost Governance:** We review orphaned resources, unattached disks, and misconfigured services that pose both a security risk (unmonitored assets) and a potential for unnecessary cloud spend.

Why This Matters: Trusted Cloud Governance

Our assessment ensures your security posture reflects current best practices in cloud defense.

- **Proactive Threat Mitigation:** Address common vulnerabilities, such as exposed storage buckets and overly permissive IAM roles, before they lead to a breach.
- **Continuous Compliance:** Align with global regulatory frameworks, such as SOC2 and HIPAA, by providing documented evidence of a hardened, compliant environment.

Ready to Secure Your Google Cloud Environment?

Don't let misconfigurations put your data at risk. Schedule your **GCP CIS Benchmark Assessment** with XTIVIA today to establish a secure, verified foundation for your business.

Contact XTIVIA:

- **Assessment Details:** virtual-dba.com/cis-security
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XTIVIA Overview

XTIVIA is a proven technology integration and innovation company known for delivering leading-edge technology solutions to our clients' specific requirements, regardless of project complexity. Since 1992, our success has stemmed from a demonstrated ability to deliver deep expertise via professional services, empowering clients to successfully, competitively, and profitably leverage their chosen technology. XTIVIA has offices in Colorado, New York, New Jersey, Texas, Virginia, and India. www.xtivia.com