

Security Implementation Assessment for Google Cloud

Validate your cloud security posture

When done properly, the cloud provides agility, availability and security—but getting to that point requires a focus on implementation details. Many security issues stem from misconfigurations, especially when workloads are integrated and interconnected with other applications and/or platforms.



Standing up cloud infrastructure is one thing—standing it up properly is another matter entirely. When it comes to securing workloads in the cloud, the devil is in the details, especially when migrating complex workloads that include microservices or orchestrated data pipelines. A seemingly innocuous misconfiguration or small, subtle detail can inadvertently expose your organization to risk.

The nature of cloud computing allows you to knit workloads and platforms together to address larger workflows. To do this, not only do you need expertise on how to secure multiple platforms, but you also need expertise on how those platforms communicate and integrate. Getting to that depth of analysis can be a struggle for many IT teams, who might be using up to a dozen different platforms—and who might be constrained by time or resources.

What is Security Implementation Assessment for Google Cloud?

A best practice in security is to bring in an objective third party to assess the implementation. Compliance audits are usually done by specialist organizations that focus on the auditor skill set rather than a technical skill set for implementing a platform or solution. An auditor often looks for non-technical evidence that a compliance requirement is being met, while a technical platform expert looks for ways to effectively and comprehensively meet the security needs of the platform.

With our **Security Implementation Assessment**, our engineers target a specific workload or platform, using checklists and analytical tools to perform a detailed assessment of its implementation and resulting security posture. Once you receive our list of recommendations, you can choose to address those issues in-house or we can provide services to help you implement the appropriate remedial measures.

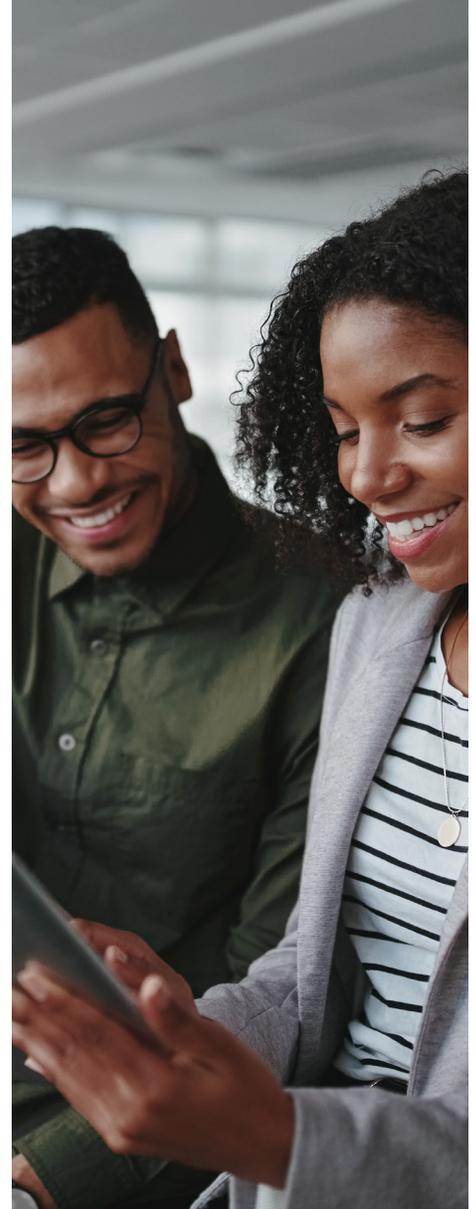
We'll provide a set of deliverables, including:

- A detailed security analysis and validation of your workload or platform
- Specific actionable recommendations to remediate issues, prioritized by impact
- An estimate for Pythian to remediate those issues on your behalf

The Pythian Process

While policies, procedures and controls are important components of a cloud security strategy, they won't necessarily uncover subtle misconfigurations, such as whether an unnecessary port is open to the network or a code dependency is using an older library version. Uncovering these misconfigurations requires digging deep into the implementation level of a platform or workload.

Our experts have the depth and breadth of expertise across platforms to conduct a detailed analysis of your workload and understand the unique threat profile of different applications, platforms and integrations. For example, while we understand the secure implementation of a load balanced application pool, we also understand the minutia of implementing a Managed Instance Group (MIG) on Google Cloud versus an Auto-Scaling Group (ASG) on Amazon Web Services—ensuring a detailed validation of your security posture, regardless of workload, platform or cloud.



Highlights

- Build momentum toward value by establishing a strong foundation for your workload.
- Help ensure security, compliance and consistency of infrastructure deployments.
- Accelerate the remediation of identified misconfigurations or security gaps.

You Can Rely On Pythian

Unmatched breadth and depth of expertise

Your modernization journey requires a broad range of skills and experience. Pythian's 25 years of proven expertise in cloud, automation, security compliance, cost optimization and modernization strategy puts in place a manageable, secure and cost-effective foundation for innovative, impactful and secure business solutions.

A flexible partner for the entire journey

We'll help you at every point on your cloud and data modernization journey, from strategy development to designing and deploying your cloud or data platform securely at scale across your enterprise. We'll also help you harness the power of the cloud to modernize and automate your platforms and applications, turn your data into insights and predictions, help with governance and security, and keep your data flowing 24 hours per day, 365 days per year.

Exceptional delivery and support

Every cloud and data modernization project has many moving parts. To keep things moving smoothly and efficiently, Pythian has coupled experienced, capable teams of architects and engineers using proven delivery methodologies with an experienced project manager for every project to ensure delivery of the agreed-upon outcomes. Pythian also offers a full range of Managed Services for your workloads as an accredited GCP Managed Service Provider.

Synergistic services

Pythian's planning, migration and management services are designed to help you leverage the benefits of the cloud quickly while providing various migration solution options. We can deliver a tailored modernization strategy that incorporates future-state architecture, areas of complexity and risk, and estimated cloud consumption costs. We can also perform the migration and ongoing services to manage your workloads in your cloud footprint.

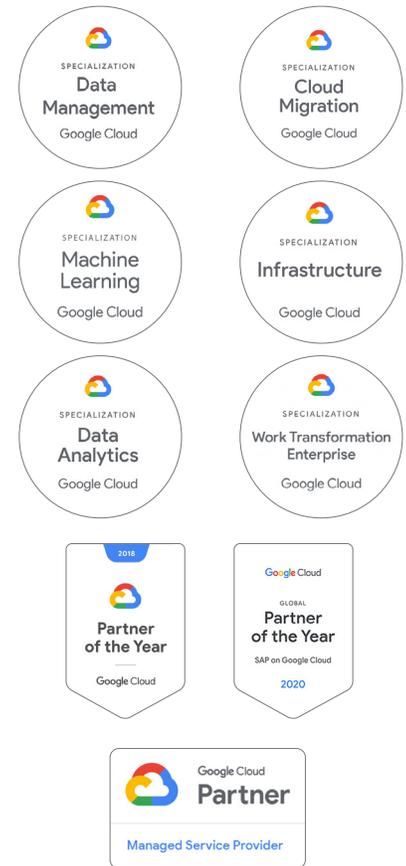
About Pythian and Google Cloud

As a premier Google Cloud Partner, Pythian provides end-to-end consulting services for all Google Cloud solutions, with 25 years of experience in infrastructure, analytics and database solutions. Google Cloud combined with Pythian's cloud, data and analytics services can help you get better ROI on your modernization effort faster.

Pythian also has multiple specializations—Google's highest technical designation—including Infrastructure, Data Analytics, Machine Learning and Data Management. And, as a certified Google Cloud MSP, we've successfully delivered thousands of professional and managed services data and applications projects in the hybrid and multi-cloud world.

Get started with Pythian

As a premier Google Cloud and Specialization Partner, Pythian provides end-to-end consulting services for all Google Cloud solutions. To find out more about how our Security Implementation Assessment for Google Cloud can work for you, email us at [t info@pythian.com](mailto:info@pythian.com) to get started.



ABOUT PYTHIAN

An award-winning, Google Cloud MSP and Specialization Partner, Pythian provides end-to-end services for all Google Cloud. Founded in 1997, Pythian is a global IT services company that helps organizations transform how they compete and win by helping them turn data into valuable insights, predictions and products. From cloud automation to machine learning, Pythian designs, implements and supports customized solutions to the toughest data challenges.

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