



THE CHALLENGE

Enterprise organisations are increasingly aware of the business value gained from Google cloud services, and business teams are moving at pace to re-skill and re-tool in order to benefit from these.

In contrast, IT teams remain a support function for existing systems, and are experts at deploying and operating traditional on premise IT infrastructure platforms and technologies, having matured the processes, tools and design patterns over many years of operation.

This residual demand for support and the separation in skills, processes and technology is leaving business workloads running in Google cloud without the much needed guardrails to ensure their deployment and operation is secured and optimised to best practice.

SERVICE OFFERING

Our Google cloud operations review is a quick targeted assessment of a customer's cloud operational capabilities. Focusing on 10 best practice areas we work with cloud IT and business teams to review the current mode of Google Cloud Platform (GCP) operations and platform use.

From this we determine the current level of maturity and deliver a report identifying good and bad practices, highlighting any issues or concerns with recommendations for improving cloud operations maturity.

10 AREAS OF BEST PRACTICE REVIEW

RESOURCE MANAGEMENT

Organising, naming and setting quotas of cloud resources in order to ensure a structured, consistent and controlled environment.

IDENTITY MANAGEMENT

Reliably authenticating users' or services' identity and guarding against loss of credentials and attempts at impersonation.

DATA MANAGEMENT

Understanding the shared responsibility of both the CSP and the customer in the compliant storage and processing of information

ACCESS MANAGEMENT

Ensuring that only the right people/ services are authorised to perform the right actions on the right resources.

COST CONTROL

Instilling cost consciousness of cloud resources by maximising visibility into the costs incurred in near real-time

OPERATIONS

The processes of operating and running cloud infrastructure, services and environments that are correctly managed

ARCHITECTURE

The creation of high-performing, resilient, and efficient cloud infrastructure and services aligned to best practices

SECURITY

Protecting information and systems, establishing suitable guardrails, policies and controls and detecting events

NETWORKING

Connecting and protecting services and the flow of data between them via multiple layers of logical boundaries

DEVOPS

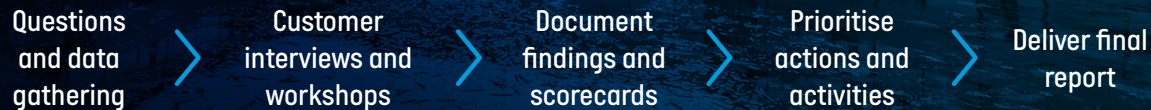
Automating through tooling, processes and code the configuration and provisioning of resources

OUR APPROACH

Customer involvement is key to our approach.

We start with a simple questionnaire to capture insights into current GCP consumption and operations from business teams and cloud management teams. Analysing this, we prepare workshops with cloud consumers and stakeholders to validate the information gathered and elaborate on key topics.

Using the collective information gathered we analyse the current state against Google's set of best practices and create scorecards across the 10 areas with prioritised recommendations and remediation activities.



BENEFITS



Gain independent view of current cloud capabilities and practices



Identify priority areas of operational risk and areas to improve



Receive best practice recommendations with tangible actions



Understand clear steps to reduce risk, improve agility and align with best practice



Gain confidence to allow business teams to scale their consumption of GCP



Google Expertise

- HashiCorp
- Google Cloud Networking
- Google Cloud Onboarding
- Google Cloud Identity & Security
- Google Cloud App Dev & Monitoring
- Security Analytics & Operations
- Disaster Recovery

300+
UK consultants

200+
partner ecosystem

Experienced multi-cloud operations

Best practice design

Independent architectural advice

Enterprise customer experience

To understand more about how Computacenter is helping organisations adopt Google Cloud, please contact your account manager, call 01707 631000 or email enquiries@computacenter.com

