



THE CHALLENGE

Whilst the adoption of public cloud offers huge opportunities for increasing agility and driving growth, if the foundations are not correctly designed and deployed it can also leave business systems compromised in availability, security and performance. Furthermore, a lack of suitable governance can also result in businesses facing higher than expected costs.

Cloud teams are working hard to support developer and business velocity while battling with the best practice methods for implementing secure governed guardrails, further challenged by demands for multiple clouds platforms. This can often leave business workloads running in Google cloud without these much needed controls to ensure their deployment and operation is scalable, secured and optimised.

SERVICE OFFERING

Our GCP Foundations Service includes 10 best practice elements and aligns to Google's foundational design process. We provide GCP expertise, aligning to your agile methods and equipped with our IAC libraries to architect and automate multi-cloud infrastructures and operations. This enables us to accelerate the readiness of your GCP Landing Zones and also provide flexibility to include your specific IT services integrations.



THE FOUNDATION FOR YOUR CLOUD

Identity & Access Management – Reliably authenticating users and services identity and ensuring they are authorised to perform the right actions on the right resources

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

Networking & Security – Connecting and protecting services and the flow of data with policy defined controls, intrusion prevention and event and incident integrations

Monitoring & Logging – Storing system event for audited and issue debugging. Storing resource metrics so that availability, utilisation and performance can be measured

Data Management – Applying shared responsibility and ensure appropriate and compliant collection, storage and processing of information.

Configuration Management – Extending build and deploy automation to accommodate software deployment and system configuration

Infrastructure as Code & CI/CD – Improving consistency and velocity by automating the configuration and provisioning of resources through code and deployment pipelines.

Resilience – Designing systems to withstand the negative impact caused by failures of cloud services, zones or entire regions.

Cost Control – Instilling cost consciousness and soft boundaries with the consumers of Cloud resources [architects, developers] by maximising visibility into the costs incurred in near real-time

OUR APPROACH

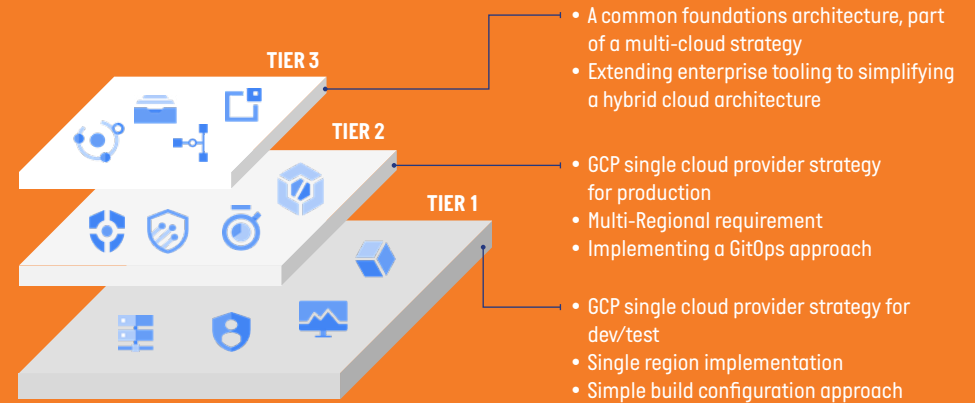
Whilst the core elements of a Landing Zone are reasonably prescriptive and consistently constructed, every customer will incorporate a unique set of requirements arising from existing cloud and technology investments, architecture and regulatory standards, business consumer needs, and service management systems. Our approach provides customers with the means to accommodate this, with a choice of 3 core foundation tiers, and the opportunity to flex the solution by adding additional foundational controls to the scope.

Each foundations tier reflects an incremental level of security, connectivity, operational and DevOps capability, incorporating automation using Terraform or Cloud Deployment Manager, to allow customers to rapidly implement a base set of foundational elements and iterate these in an agile manner.

Computacenter architects work closely with the Cloud and Operations teams throughout the engagement to ensure needs are met and knowledge transfer is successful.

GCP LANDING ZONES

Computacenter have defined 3 incremental tiers of Landing Zone Service to satisfy different customer needs for the creation of a GCP platform.



BENEFITS

Accelerated cloud adoption

Applied governance & guardrails

Tiered solution for iterative capability

CIS strengthened security

Automated operational consistency



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

