

# Cloud Control Framework



## Supporting the Need for Compliant Cloud Environments

Ensuring IT risks are managed and compliance requirements are met has only intensified with the rapid growth in adoption of Cloud Services. Deployment of **production workloads**, migration of **regulated systems** and increasing storage of large **volumes of data** in the Cloud has driven the need for security and controls to be effectively deployed across customer cloud environments.

However, typical approaches to cloud adoption often result in a disconnect between technology and risk functions and an inability to address overarching enterprise vision, effectively manage risk or meet evolving regulatory requirements.



## Common Challenges



### Shared Responsibility Model Requirements

A lack of understanding of responsibilities relating to cloud services, combined with a limited understanding of nuanced differences between cloud services is a common challenge faced by our clients.



### Disconnect between enterprise risk appetite and technical controls implementation

A range of complex industry standards exist; however, alignment of specific enterprise drivers and compliance requirements are not typically conducted when deploying these controls.



### Cloud skills shortages, training and knowledge transfer

New technologies require enterprise training and upskilling to truly enable successful adoption and understanding of key services, and how contemporary services can be utilised to secure an organisational cloud environment.



### Linkage between Risk & Compliance, Security and Technical Teams

Risk and compliance teams traditionally require substantial upskilling to adequately evaluate existing cloud environment compliance requirements, often relying on external third-party support.



### Cloud Service Provider control mapping

Whilst most large CSPs provide extensive services to secure and control cloud environments, customers are finding it difficult to ensure coverage and completeness across their cloud environment.



### Complex, evolving and dynamic landscape

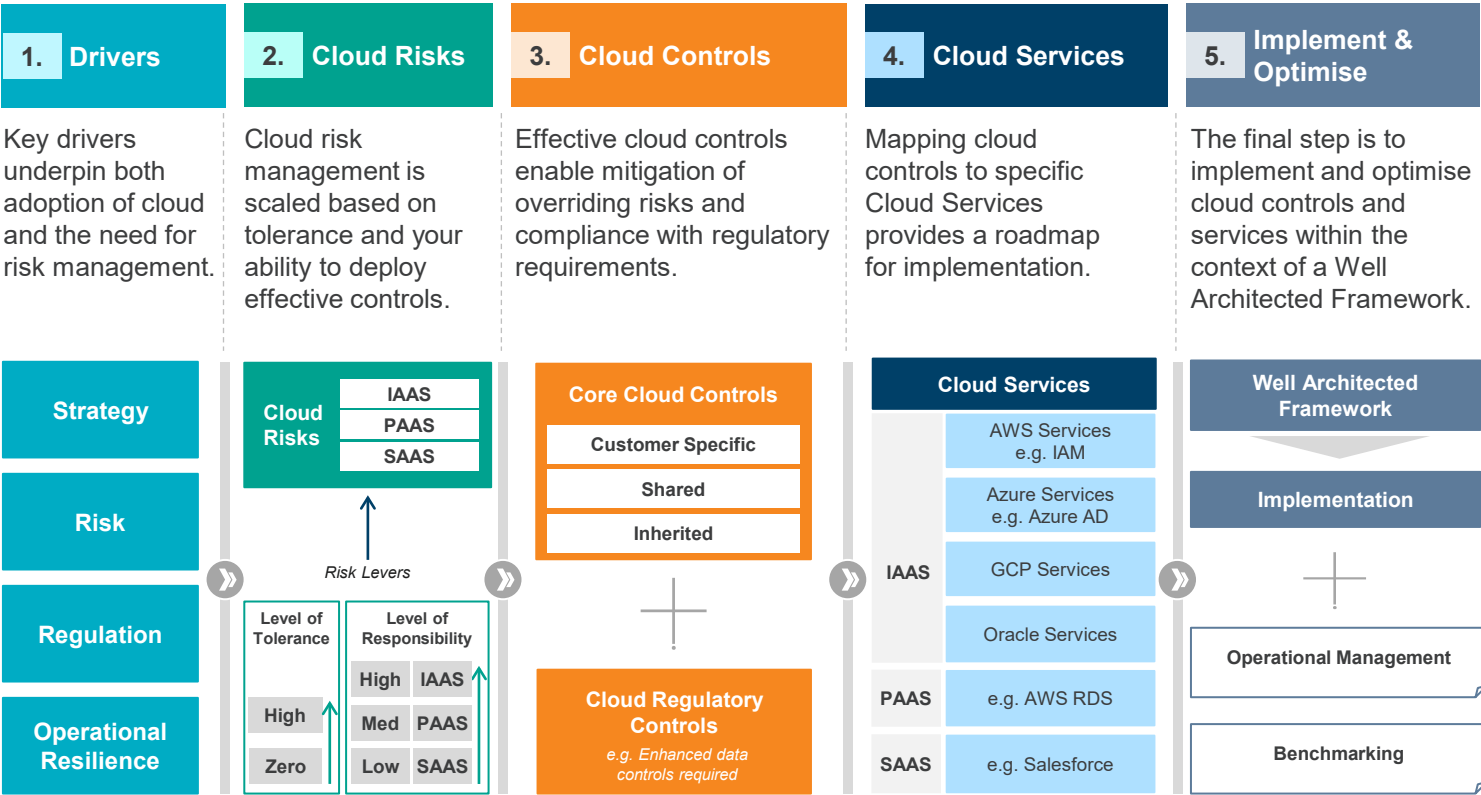
In addition to the constantly evolving business landscape, organisations face uncertainty around alternate cloud deployment challenges, such as adoption of hybrid cloud deployments or overcoming scalability concerns.

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## The Cloud Control Framework

The Cloud Control Framework provides a holistic, structured way to identify and manage your cloud risks within the context of your business drivers and compliance obligations. It provides a mechanism for designing a fit-for-purpose cloud control environment, before architecting, implementing and optimising cloud services to embed and automate control activities.



## Outcomes

The Cloud Control Framework enables traceability, design and deployment of cloud controls at pace to meet evolving enterprise risk, regulatory and strategic requirements.

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## Benefits Provided

The Cloud Control Framework results in the rapid deployment of cloud controls and services, the automation of control activities and the agility to adapt to changing regulatory requirements over time. In addition, our framework provides value through each of the following:

**Linkage** of core enterprise **drivers** (risk appetite, regulation, strategy, etc.) to typical **cloud risks** across **different service types**.



**Rapid deployment** of cloud controls and services and the **automation of control activities**.



**Mapping** of common **cloud risks** to **industry-standard controls** for mitigation (including regulated entities).



Tailored **mapping** of **industry standard** cloud controls to **platform agnostic controls**, as well as **CSP-specific** controls.



Heightened **connectivity** between enterprise **risk management, process** and **technology** business functions.



**Agility** to adapt to **changing regulatory requirements** over time



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