

CLOUD GOVERNANCE FRAMEWORK



We help organizations understand what controls to implement to improve risk resilience, security and compliance.



Challenges

Lack of controls to manage changes and usage in the cloud can have significant risk and cost implications.

Without a cloud governance framework:

- Difficult to adapt to market changes (e.g. stricter regulations)
- More susceptible to security threats and risks
- Cost and performance inefficiencies

Ideal Solution

Make people understand the critical importance of governance throughout their journey, and design a framework of principles, processes and tooling to enable governance in the cloud.

According to Gartner, "Some [cloud] challenges are external (for example, compliance and regulations), but many are internal. Most challenges are nontechnical and related more to attitudes, fears and trust issues."

Desired Outcomes

Organizations want to enable and optimize governance throughout their cloud transformation journey to improve business agility, risk resilience and operational efficiency in the cloud.

- Meet changing regulatory and compliance requirements
- Cost transparency and optimization
- Data governance
- Deployment automation
- Operational efficiency

CLOUDREACH CLOUD GOVERNANCE FRAMEWORK



Designing a framework of principles, processes and tooling to enable governance in the cloud.

Holistic approach to cloud governance

We take a holistic approach by assessing the current state and future requirements across different areas of governance, such as:

- Monitoring and Reliability
- Security
- Identity and Access Management
- Cost Optimization
- Deployment Automation
- Data Governance
- Multi-Cloud Governance
- Auditing and Compliance

Understand improvement areas to enable governance.

Tailored technical and business recommendations

Our recommendations are not solely based on technology, but also business considerations.

We make sure to involve all key stakeholders and tailor best practice recommendations around governance to their requirements

Incorporate governance is in business processes and culture, as much as in tooling and architecture.

Governance as part of a larger transformation

We treat governance as part of a large cloud transformation journey.

We make sure that our recommendations are aligned to any current or future migrations, landing zone builds, transition to operations, data and analytics initiatives, etc.

Ensure governance is not treated as an afterthought, but a critical part of their journey.

CLOUDREACH CLOUD GOVERNANCE FRAMEWORK + MICROSOFT AZURE



Our approach is aligned with Microsoft Azure's Cloud Governance Framework, which allows our cloud experts to focus on key areas of governance.

SOLUTION ALIGNMENT

Stronger foundation for governance and security

Our key areas of governance incorporate all of Microsoft Azure's cloud governance areas, which provides a better foundation for future implementation plans.

More proactive governance approach and risk resiliency.

Enhanced benchmarking for cloud governance

Microsoft provides us with key resources and topics for benchmarking different areas that are assessed on a high level about the customer's cloud governance capabilities.

More accurate high-level assessment of current state.

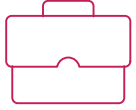
Accelerate cloud readiness and transformation

Microsoft and Cloudreach ensures that an organization's has a cloud governance framework that they can use and optimize to accelerate their cloud transformation journey.

Prepared to undertake future cloud transformations.

Global Perfumery Company

2019 / Perfume and Cosmetics Industry / Germany



Background

The Customer has a very complex enterprise and cloud native application estate, which has a large amount of 3rd party collaborators, both for application and infrastructure.

The Central IT team is in charge of governing the estate, however, there is no proper framework in place to enable and scale governance.

The Customer engaged with Cloudreach to help them develop a governance framework to improve and scale their governance in the cloud according to best practices.



What We Did

The engagement started with a thorough assessment of their estate and processes. This resulted in a lot of points where governance could be implemented, starting with Subscription structure, billing and recharging, account management, security governance and compliance.

In the end, the decision was to proceed on some topics that blended the governance and Landing Zone creation, focusing mainly on Kubernetes clusters and a multi tenant hybrid scenario.

WIN RESULTS



Developed a comprehensive governance framework which included: Account structure, Access Management, Policies, Compliance Audit, Blueprints, Tenant model, Naming and tagging



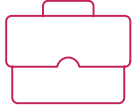
Created a Cloud Landing Zone blueprint, which included the network, security, kubernetes cluster blueprints



Resulted in an implementation phase for our governance recommendations.

Multinational Payments Company

2019 / Financial Services Industry / United States



Background

The customer M&A activity resulted in acquiring application portfolios tied to a individual Azure cloud environment.

The customers made the strategic decision to consolidate Microsoft Azure cloud resources under a single Enterprise Agreement, migrate application to single secure PCI DSS compliant Azure estate and improve visibility of Azure Cloud Services spend across application teams.



What We Did

Cloudreach conducted onsite workshops to assess the customer's current state cloud governance practices and performed structured review of current state Azure architectures.

Cloudreach delivered an Azure specific Governance Framework document. The Governance Framework included recommendations, best practices and work streams aimed to improve the ability of Cloud application teams to govern their Azure estate in a secure, compliant and organized manner including organizational cost transparency.

WIN RESULTS



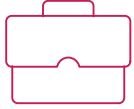
Developed a comprehensive governance framework that ensures the security, integrity and cost management of all Azure cloud-based assets



Implemented the recommended solutions, processes and security controls to comply with regulatory standards.

Government Department

2019 / Public Sector / United Kingdom



Background

Customer made the strategic decision to adopt public cloud using Microsoft Azure as part of its greater strategy to be 100% digital by 2022. They have a well developed, legacy IT operations service provided by inhouse, contractor, and third-party managed services providers.

However, as they began to adopt public cloud, the need to develop a different operations capability for cloud platforms was identified. They recognise that they urgently require a dedicated cloud operations team and require guidance on what it should do, how it should do it and a roadmap on how to implement the team.



What We Did

Cloudeach conducted an assessment of the customer's operational readiness with Digital Change Directorate Operations in focus and created an Cloud Operating Model Roadmap (COMR) broken down to 3 months packages.

As part of the COMR implementation, Cloudeach created the Cloud Governance Framework for the Customer, which defined governance for their Azure subscription structure, networking, tagging, naming conventions, RBAC Model, compliance and logging. Cloudeach created templates for a Cloud Landing Zone based on the governance framework.

WIN RESULTS



Developed a comprehensive governance framework for Account structure, Access Management, Policies, Compliance Audit, Tenant model, Logging, Naming and tagging



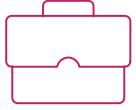
Architecture design patterns based on the governance framework has been introduced to the department to accelerate best practice adoption



Cloud Landing Zone is deployed based on the defined templates

Multinational Media Company

2019 / Media Industry / United Kingdom



Background

Customer's long term strategy is to become 100% Digital by 2020. It had a loosely federated IT infrastructure service, with the Global IT team managing on-premise workloads via an outsourced service, with local and regional elements of the company, known as Brands, developing local IT solutions, often in the cloud to meet their immediate needs.

Customer desires to bring back in-house and centralise governance and control of their IT services to reap economies of scale whilst ensuring compliance to Security and Architectural principles.



What We Did

Cloudeach reviewed customer's current operating model and provided recommendations on a Target Operating Model for using Public Cloud Providers in an Omni/Multi cloud scenario.

Cloudeach also provided recommendations on cloud governance and the design of their target reference architecture for each Public Cloud Provider identified.

WIN RESULTS



Developed clear vision and principles that help align key stakeholders to a common strategy



Greater understanding of importance of governance in the cloud and the capabilities required to enable and manage it across multi-cloud scenarios



helped the customer move away from their traditional outsource contracts to a more commercially agile model (MSPs)

WHY CLOUDREACH?



Microsoft Accreditations

Microsoft Partner

- Gold Cloud Platform
- Gold Data Analytics
- Gold Application Development
- Gold Collaboration and Content
- Gold Datacenter

Gold Microsoft Partner

Azure Expert MSP

Microsoft

1-TIER CSP PARTNER

Microsoft-Certified Experts



80+

Certified Solutions Architects & Engineers

Market Leader

Gartner Magic Quadrant Leader for Public Cloud Managed Services Provider in **2017 & 2018**.

Supercharged by Software

Our migration and management software platform, Cloudamize, brings absolute confidence to decision-making. Committed to codifying our know-how, once we solve a problem we automate the solution.

Global Scale and Reach

Wherever you are, whatever the challenge, we're here to help throughout your cloud journey.

Applications come First

We care about what you care about – the applications that power your business. We create an environment of total reliability where the safety and success of your applications is guaranteed.

Thank you