

Evidence-backed AWS Cloud Optimisation

A KPMG Service for G-Cloud 15



KPMG About us

KPMG is one of the largest AI Platforms & Cloud Engineering Advisory and Implementation providers in the UK. We bring end-to-end services across the entire cloud life-cycle from Strategy and Planning, to Architecture and Build, through to running Secure cloud-native applications. This is enabled by our diverse, industry-leading and multi-disciplined experts.

 AI Platforms & Cloud Engineering in its 10th year	 1000+ AI Platforms & Cloud Engineering Team (670+ Engineers & Architects, 500+ Advisory & Delivery consultants)	 2000+ AI & Cloud certifications in Azure, Google, AWS	 £30M + AI Platforms & Cloud Engineering spend supported annually	 600+ AI Platforms & Cloud Engineering projects completed	 50%+ Focused on highly regulated industries
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AI Platforms & Cloud Engineering Practice

- Deep domain experience across a wide range of Cloud providers and technologies
- Leading and award-winning scaled engineering capability
- Long established consulting approach and methodologies

Our Principles

- Industrialised approach reusing assets and accelerators
- Automate everything
- Deliver value for money
- Pride ourselves on high quality outcome deliverables

How we Operate

- Sprint based projects for fast iterative results
- Delivering with our clients using outcome focused multi-disciplinary teams
- Strong, established network to ensure partnering excellence

Our Core Propositions

Besides the core propositions we deliver 240+ services mentioned in our Service Catalogue

Operational Excellence 	AI Powered Modern Platform 	Modern Engineering 	Value & Sustainability 	AI Powered Application Modernisation 
• Cloud CoE & Target Operating Model • Cloud Programme Risk and Assessment • Cloud Maturity Assessment	• Cloud Design, Build, Migrate & Transform • Cloud Risk Controls & Cyber • Cloud Security Architecture	• DevOps & DevSecOps • Secure SDLC • Site Reliability Engineering (SRE)	• ESG • Cloud Value Management • FinOps • Sustainable Technology	• Gen AI • Cloud Data & Analytics • Logging and Monitoring

Across our many delivery centres, we work with clients of all industries, specialising in complex, high risk or regulated sectors.



Combining our expertise with our alliance tech solutions, we harness the power of smart technologies. Together, we solve your most complex business issues to create sustainable success.



AWS Cloud Optimisation



Service Description:

KPMG's evidence-backed AWS Cloud Optimisation service helps you optimise your AWS environment for cost, without hindering performance or security. The service provides a comprehensive set of tools and services to help you implement FinOps best practices.



Service Categories

- FinOps
- Cost Optimisation



What are the benefits of KPMG Powered IT service?

- Understand Usage & Cost
- Quantify your own business value through unit economics
- Save costs through workload optimisation while maintaining your reliability and performance
- Save cost centrally through rate optimisation
- Accelerates innovation through continuous improvement
- Increased agility through automation and latest available features



Our Service Features

- Gather usage & cost data to showback with appropriate context to relevant FinOps personas
- Identify, report and optimise wasteful AWS spending
- Consolidation of resources towards business strategy
- Allocation of discounts according to business requirements
- Provides recommendations for how to set up and improve the FinOps practice
- Identify new services and features for continuous improvement

Our Approach

KPMG proposes a well-defined approach that will assist in delivering a customised solution that meets your requirement. Using our global framework, industry experience and methodologies we will accelerate your journey to cloud, adoption of your operating model structure, creation of a resilient architecture and business case.



Key Drivers

- Maturity and operating model optimisation: driving maximum benefit from FinOps tooling and policy by ensuring accountability for costs
- Visibility and Monitoring: Gaining a picture of cloud spend and attributability through detailed cost reports, tagging, cost allocation tools, forecasting and anomaly detection capabilities
- Resource optimisation: Ensuring your resources are appropriately sized for their workloads and implementing automated scaling and scheduling where appropriate
- Utilizing Reserved Instances and Savings Plans: Taking advantage of discounts for predictable workloads through commitment discounts.
- Optimizing Network and Storage: Choosing the most cost-effective network configurations and storage options based on data access patterns.



Activities

Analyse, Design & Build

- Our team follows a comprehensive set of AWS Cloud Optimization Strategies to optimize costs and improve performance of the infrastructure. We conduct a thorough analysis to identify areas of overspending and implement cost-saving measures such as rightsizing instances, using spot instances, and recommend different AWS Saving plans and reserved instances where appropriate.
- We use a combined approach leveraging in-house tools and domain expertise with automation through cloud native AWS services, like AWS Cost Explorer and Trusted Advisor.
- We conduct a deep analysis of the workload to recommend and implement improvements based on new services or features to enhance performance and productivity. We also explore the suitability for using caching mechanisms and content delivery networks (CDNs) for faster data delivery.



Outcomes

- Significant cost savings through efficient resource utilization and optimized pricing models.
- Lower monthly bills and improved financial performance.
- Better utilization of cloud resources, leading to increased performance and agility.
- Greater visibility and control over cloud spending, enabling better budgeting and forecasting.
- Enhanced compliance with internal cost management policies and industry regulations.
- Improved realisation of cost optimisation opportunities through embedded accountability and opportunity to benefits realisation tracking.



High-Level Timelines

Our indicative timeline is based on our experience of delivering similar engagements for multiple organisations. Once engaged, we will work with you to create and agree a bespoke plan to meet your specified requirements.

Weeks: Varies

Why KPMG



Top Professional Brand

KPMG has a strong brand and excellent reputation. We are focused on customer needs and have a pragmatic approach for the design and delivery of our Projects. Our team has a proven track record of delivering similar engagements and an intimate knowledge of challenges faced by our clients.



Constructive Input and Challenge

We consider it to be our responsibility to bring an independent perspective and constructively challenge existing processes and systems. We will highlight and share with you both internal and external leading practices.



We Employ a Collaborative and Integrated Team Approach

We deliver a full suite of evidence-backed recommendations in collaboration with KPMG sector and technical experts in all parts of our business around the globe. By working in multi-disciplinary teams, we can deliver holistic thinking and insights for even the most complex challenges.



We Have Strong Relevant Recent Credentials

We have worked across multiple industries and will bring insights from other sectors to challenge your thinking. We have vast Cloud and DevOps expertise within our technology practice in the UK region alone, who cover everything from hosting strategies to building landing zones. We produce agile, resilient and efficient IT functions that support the wider enterprise.

Our Team, Stories and Solutions

Business Outcomes Powered by Cloud

Our Solutions

Cutting-edge technology, business focused solutions

Our Stories

Discover the impact we've made in the Cloud industry

Our Insights

What are the big issues at the top of your business agenda? Read our latest thinking and research to stay on top of change.

AI and Machine Learning

Thought-leadership, expert analysis, and guidance on all things AI.

AI and Machine Learning

Technology and innovation

Trusted insights and actionable advice on emerging technologies.

Technology and Innovation



The CEO Guide to AI Value



Agentic AI: the what, the why and the how

And many more....

KPMG Industry Analyst Recognition

Industry analysts recognition and accolades - KPMG Global



Microsoft Partner of the Year for 2023
Microsoft Prestige Award for Supplier of the Year



KPMG named a **Global Leader** in Verdantix Green Quadrant: **ESG and Sustainability Consulting 2024**



Global Partner of the Year 2024
Google Cloud DE&I Partner 2024



2x Guinness World Records for DevOps and Cloud Upskilling

DevOps upskilling in KPMG and the community



2020, 2021, 2022

Highly Commended / DevOps Leader of the Year 2023



The Forrester Wave™: Cybersecurity Consulting Services in Europe, Q1 2024





Contact Us



Jonathan Grice

Partner, Head of AI
Platforms & Cloud Engineering
Infrastructure Government and
Healthcare

KPMG LLP, CIO Advisory
15 Canada Square
London E14 5GL
jonathan.grice@kpmg.co.uk



Ana Sirvent

Director,
Head of AWS & GCP

KPMG LLP
15 Canada Square
London E14 5GL
ana.sirventgarcia@kpmg.co.uk



kpmg.com/uk

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