



Evidence-backed AWS Well-architected Review

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 Well-architected Review



Service Description:

KPMG's evidence-backed AWS Well-Architected Review, assess your cloud environment against the six pillars of the AWS Well-Architected Framework by AWS Professional Cloud Architects. Identifying areas for improvement and providing actionable recommendations, we deliver tailored reports, presentations, workshops, and training aligning your cloud operations to industry best practices.



Service Categories

- Operational excellence
- Security
- Reliability
- Performance efficiency
- Cost optimization
- Sustainability



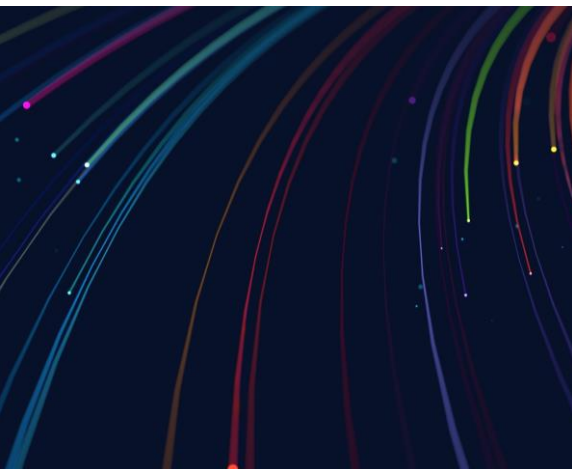
What are the benefits of KPMG Powered IT service?

- Understand how well cloud deployments align with AWS best practices
- Insights from a global consultancy's extensive cloud experience
- Increase overall efficiency with actionable items towards operational excellence
- Uncover potential security vulnerabilities and performance bottlenecks before operational impact
- Identification of cost-saving opportunities without compromising service quality
- Definition of an architecture supporting strategic goals and technology needs
- Accelerate cloud native transformation journey with guided, actionable recommendations.
- Understand and improve the environmental impact of your workload



Our service features

- Comprehensive maturity assessment against the AWS Well-Architected Framework
- Delivering a tailored WAF report with actionable insights and recommendations
- Custom roadmap of improvements prioritising quick wins for immediate impact
- Flexible assessment of any pillar of your choice: Operational Excellence, Security, Reliability, Sustainability, Cost Optimisation, Performance.
- Reviewing cloud networking, high availability, disaster recovery planning, scalability, performance.
- Assess automation of management, deployment processes and observability KPIs
- Evaluate data protection, encryption, deployment security and access governance
- Identify underutilised resources, and pricing models for cost optimisation



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.



Requirements

- A Well Architected Framework assessment requires comprehensive analysis of the current application and infrastructure architecture to evaluate their alignment with the six pillars: operational excellence, security, reliability, performance efficiency, cost optimization and sustainability. Understanding these elements ensures targeted improvements that enhance system robustness and efficiency.



Activities

Review

- Our review process begins with an in-depth assessment of your AWS environment. We use services like AWS Config, AWS CloudTrail or Trusted Advisor to gather data about your infrastructure, configurations, and activity. We conduct workshops with relevant stakeholders to get deeper insights on the workload design, processes and operations.
- The focus areas for each pillar are:
- Operational Excellence: procedures, incident response playbooks, and change management processes.
- Security: data protection strategies, access controls, and security incident response mechanisms.
- Reliability: disaster recovery planning, fault tolerance design, and system availability.
- Performance Efficiency: architecture patterns, automation processes, compute and network components selection, data management.
- Cost Optimization: cost management strategies, identify underutilized resources, and suggest optimal pricing models.
- Sustainability: strategies for environmental friendliness, including energy usage and resource lifecycle.



Outcomes

- The Well Architected Review culminates in a detailed report that outlines key findings and recommendations for each of the six pillars, providing a clear path for enhancing architecture robustness, operational efficiency, and cost-effectiveness. This structured approach ensures the deployment aligns with best practices and business goals, leading to improved system performance and sustainability.



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: > 2 weeks

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

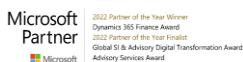


Agentic AI: the what, the why and the how

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





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