



Evidence-backed Azure Well Architected Framework Assessment

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.



Azure Well Architected Framework Assessment



Service Description:

Our evidence-backed Optimal Architecture Review Program evaluates cloud architectures against the Well-Architected Framework, identifying improvement areas for performance, security, reliability, operational excellence, and cost optimisation. This comprehensive assessment ensures your infrastructure aligns with best practices and is poised for future growth and efficiency.



Service Categories

- Azure Cloud Architecture Assessment
- Security and Compliance Best Practices
- Performance Efficiency Review
- Cost Optimisation Strategies
- Operational Excellence Review
- Disaster Recovery and Business Continuity Planning
- DevOps Integration and Automation Strategies



Service Benefits

- Azure Cloud Architecture Assessment
- Security and Compliance Best Practices
- Performance Efficiency Review
- Cost Optimisation Strategies
- Operational Excellence Review
- Disaster Recovery and Business Continuity Planning
- DevOps Integration and Automation Strategies



Our Service Features

- Comprehensive assessment against the Well-Architected Framework for optimal Infrastructure design.
- Detailed platform infrastructure security audit to ensure robust protection and compliance.
- Guidance on disaster recovery planning for business continuity assurance.
- Automation and DevOps strategy development for agile operations.
- Operational process review for streamlining and enhancing productivity.
- Strategic cost analysis for identifying savings and optimising expenses.

Our Approach

KPMG's approach to performing workload assessments builds on Microsoft's Well Architected Framework definitions helping to identify improvement areas for performance, security, reliability, operational excellence, and cost optimisation across your workload portfolio..



Requirements

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



Activities

Operational Excellence

- Analyse current operational procedures and automation.
- Assess ability to monitor and respond to operational health.
- Identify opportunities to improve operational agility and responsiveness.

Security Assessment

- Evaluate existing security measures and risk management strategies.
- Assess alignment with compliance and data protection standards.
- Identify vulnerabilities and recommend security enhancements.

Reliability Evaluation

- Assess the system's ability to recover from failures and dynamically acquire resources.
- Evaluate backup solutions and disaster recovery plans.
- Identify improvements to ensure high availability and fault tolerance..

Cost Optimisation Review

- Review cost management strategies and resource optimisation.
- Identify underutilised resources and potential cost reductions.
- Recommend best practices for reducing expenditure without compromising performance.



Outcomes

The Well Architected Review culminates in a detailed report that outlines key findings and recommendations for each of the five 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: 1-2

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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