



Evidence-backed AWS Kubernetes EKS

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
--	---	---	--	--	---

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 Kubernetes EKS



Service Description:

KPMG's evidence-backed expert AWS EKS service for greenfield projects, migrations, and optimisations., focuses on the orchestration of scalable, secure, and efficient containerised applications. We provide end-to-end solutions including architecture, design, build, run and infrastructure optimisation for seamless cloud-native application development and operations.



Service Categories

- EKS Cluster Architecture Design
- Containerisation and Microservices Implementation
- Security and Compliance Configuration
- Performance Optimisation and Scaling
- Network Configuration and Service Mesh Integration
- Stateful and Stateless Application Deployment
- Monitoring, Logging, and Diagnostics Setup



What are the benefits of KPMG Powered IT service?

- Accelerates deployment times with automated CI/CD pipelines and containerisation.
- Enhances application security, significantly reducing risk and ensuring compliance.
- Optimises resource utilisation, lowering operational costs and increasing efficiency.
- Facilitates seamless scalability, easily adapting to changing business needs.
- Improves network reliability and performance with advanced configuration strategies.
- Simplifies application management, freeing up time for innovation and development.
- Increases system resilience and uptime through robust disaster recovery plans.
- Provides deep operational insights with integrated monitoring and logging.



Our Service Features

- EKS cluster design.
- Efficient containerisation techniques.
- CI/CD pipeline setup for automated build and deployment processes.
- Comprehensive security configurations aligned with industry compliance standards.
- Robust network architecture with integrated service mesh for enhanced connectivity.
- Expert deployment strategies for both stateful and stateless applications.
- Integrated monitoring and logging tools for real-time operational insights.
- Proven disaster recovery solutions ensuring business continuity and data integrity.

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

- Eliminate the need to manage complex Kubernetes infrastructure, freeing up your team to focus on application development
- Quickly deploy and scale your containerized applications without worrying about infrastructure management.
- Deploy and manage microservices-based applications.
- Modernize existing applications by containerizing and running them on Kubernetes.



Activities

Cluster and Networking Setup

- Configure EKS cluster.
- Implement high availability and disaster recovery strategies.
- Utilise autoscaling for dynamic compute resource adjustment.
- Configure subnets, routes, gateways, firewalls etc.

Security Implementation

- Implement mutual TLS and network policies for secure pod-to-pod communication.
- Configure Role-Based Access Control (RBAC).
- Integrate security scanning tools for vulnerability identification and remediation.

CI/CD Pipeline Integration

- Configure and integrate a CI/CD pipeline.
- Automate deployment processes to reduce manual intervention and errors.
- Establish feedback loops for continuous improvement.

Logging & Monitoring

- Implement a centralized logging system.
- Configure monitoring tools to track cluster performance and resource utilisation.
- Establish alerting and incident response procedures.



Outcomes

- Reduced Operational Overhead as it eliminates the need to manage Kubernetes infrastructure, freeing up your team to focus on application development.
- Quickly deployed and scaled containerized applications without worrying about infrastructure management.
- Optimized resource utilization through efficient cluster management.
- Improved security posture for containerized applications.
- Accelerated application development and release cycles.
- Support continuous innovation and growth.



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

© 2026 KPMG LLP, a UK limited liability partnership and a member firm of the KPMG global organisation of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee. All rights reserved. Document Classification: KPMG Confidential

Document Classification: KPMG Confidential

CREATE. | CRT164925A January 2026