

Evidence-backed Azure ARC Design and Implementation

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 Firewall Design and Implementation



Service Description:

KPMG offers evidence-backed comprehensive implementation of an Enterprise Scale Azure Firewall Design and Implementation, tailored for organisations looking to deploy cloud infrastructure at scale. This foundation facilitates secure, scalable, and efficient Azure cloud environments, ensuring best practices in governance, compliance, and operational excellence for enhanced cloud management and deployment capabilities.



Service Categories

- Azure Infrastructure Setup and Configuration
- Security and Compliance within ALZ
- Governance and Policy Management
- Identity and Access Management
- Resource Management and Optimisation
- DevOps and Automation
- Disaster Recovery and Backup
- Networking and Connectivity
- Monitoring and Operations
- Cost Management and Optimization



Service Benefits

- Significantly reduces deployment times for faster market entry.
- Enhances security posture, minimising business risk and exposure.
- Streamlines governance, improving policy compliance and management efficiency.
- Optimises resource use, reducing operational costs and waste.
- Automates workflows, increasing productivity and operational agility.
- Improves network performance, offering seamless connectivity and access.
- Facilitates proactive monitoring, enhancing system reliability and performance.
- Elevates cost management, leading to smarter financial planning.



Service Features

- Tailored Azure Firewall Design and Implementation ensuring operational excellence and scalability.
- Comprehensive compliance and security framework implementation.
- Expert Governance setup for policy and access management.
- Streamlined identity and access control solutions.
- Resource optimisation for cost efficiency and performance.
- Advanced DevOps practices for agile deployment and automation.
- Robust disaster recovery planning and backup solutions.
- Seamless networking and connectivity architecture setup.
- Proactive monitoring and operations for uninterrupted service.
- Strategic cost management for optimal cloud expenditure.

Our Approach

KPMG's award winning approach to accelerated Azure Firewall Design and Implementation delivery ensures your organisation has a robust, industry aligned and scalable foundation within Microsoft Azure.



Requirements

Design and implementation of an Azure Firewall necessitates a detailed assessment of the organisation's current IT infrastructure, comprehensive understanding of business objectives, and strict adherence to industry compliance standards. This foundational groundwork ensures the designed Azure environment is scalable, secure, and optimised to support enterprise-level operations, including future growth and technological advancements.



Activities

Mobilisation

- Gather key stakeholders to define project scope and objectives.
- Establish clear communication channels and project governance.
- Kick off the project with an initial stakeholder meeting to align on goals.

Planning

- Conduct detailed requirement gathering sessions to capture specific needs.
- Develop a comprehensive project timeline and milestone plan.
- Identify required resources and tools for implementation.

Design

- Architect a scalable, compliant Azure Firewall Design and Implementation solution.
- Define network topology, storage solutions, and compute resources.
- Ensure the design meets both current and future business requirements.

Build

- Deploy the Azure Firewall Design and Implementation architecture using IaC.
- Implement automation for resource provisioning and management.
- Conduct initial testing to validate setup and configurations.



Outcomes

Implementing an Azure Firewall Design and Implementation effectively equips the enterprise with a highly scalable, secure, and well-governed cloud environment. This infrastructure supports optimised operations, facilitates regulatory compliance, and enhances overall business agility and resilience, paving the way for sustainable growth and technological innovation within public cloud.



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: 2-6

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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