

Aws Well Architected Review

G-Cloud

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AWS Well-Architected Framework Review

Expert assessment of AWS workloads using the AWS Well-Architected Framework Government Lens. Evaluates architecture across all six pillars with focus on security, compliance, and cost optimisation.

1 Service Overview

Appvia delivers AWS Well-Architected Framework Reviews using the Government Lens, designed specifically for UK public sector requirements. We evaluate your workloads across all six architectural pillars with actionable recommendations.

What you get:

- **Security pillar** — Deep-dive assessment and threat evaluation
- **Cost optimisation** — FinOps analysis and savings recommendations
- **Sustainability** — Support for Net Zero commitments
- **Reliability** — High-availability and resilience evaluation
- **Performance efficiency** — Optimisation guidance
- **Operational excellence** — Practices assessment
- **Government Lens** — Citizen-centric service design review
- **Prioritised roadmap** — Actionable recommendations by risk

Evidence for spend control and business case approvals.

2 Our Approach

We follow the AWS Well-Architected Framework methodology with the Government Lens for public sector requirements.

Review process:

Phase	Activities
Scope	Identify workloads, define review boundaries
Assess	Pillar-by-pillar evaluation using Well-Architected Tool
Analyse	Identify high-risk issues and improvement opportunities
Report	Present findings with prioritised recommendations

Six pillars evaluation: - **Security** — IAM, encryption, network security, data protection - **Cost Optimisation** — Resource efficiency, commitment coverage - **Reliability** — Resilience, disaster recovery, availability - **Performance Efficiency** — Compute, storage, database optimisation - **Operational Excellence** — Runbooks, monitoring, incident management - **Sustainability** — Resource efficiency, carbon footprint

3 Getting Started

Well-Architected Reviews typically take 2-4 weeks:

Phase 1: Scoping We identify workloads to review, gather architecture documentation, and schedule stakeholder sessions.

Phase 2: Assessment We conduct the Well-Architected review using the AWS tool, interview technical teams, and analyse findings.

Phase 3: Reporting We present findings to technical and business stakeholders, deliver prioritised recommendations, and agree remediation approach.

Deliverables: - Well-Architected review report with all pillars - High-risk issues with recommended actions - Prioritised improvement roadmap - Evidence pack for business case and compliance

Prerequisites: - Defined workloads for review - Architecture documentation - Technical team availability for interviews

4 Your Responsibilities

To ensure successful service delivery, you will need to:

- Provide timely access to required resources, stakeholders, and information
- Make appropriate subject matter experts available for design and integration discussions
- Ensure business users are available for acceptance testing as agreed
- Procure necessary software licenses and subscriptions
- Empower your project team to make decisions in a timely manner
- Review and approve deliverables based on agreed acceptance criteria
- Provide architecture documentation for workloads under review
- Make technical teams available for interviews
- Identify stakeholders for findings presentation
- Grant read-only access to AWS accounts if required

5 Security & Compliance

This service supports workloads classified up to **Official-Sensitive** where appropriate controls are in place.

Our security credentials:

- **ISO 27001:2013** and **ISO 9001:2015** certified
- **Cyber Essentials Plus** certified
- **75%+ of our team hold SC clearance**
- All access to customer environments is logged and auditable
- Data remains within UK regions unless explicitly agreed

We operate in alignment with GDS, NCSC, and CDDO security principles.

6 Support & Exit

Ongoing Support

- Dedicated Service Delivery Manager as your primary contact
- Regular service reviews with clear reporting on performance and incidents
- Defined change management aligned with ITIL best practices

Knowledge Transfer

We embed knowledge sharing throughout our engagement: - Documented runbooks and operational procedures - Regular knowledge sharing sessions with your team - Post-incident reviews that share learnings

Exit Process

When the engagement ends, we ensure an orderly transition: - Complete documentation of all configurations and procedures - Knowledge transfer sessions as required - 90-day standard notice period - No disruption to your services during handover

7 Why Appvia

We're a UK-based SME with deep expertise in cloud platforms and a strong track record delivering for UK government.

Cloud Partnerships

- AWS Advanced Tier Services Partner & Public Sector Partner
- Microsoft Azure Solutions Partner
- Google Cloud Partner

Open Source Credentials

- Creators of Terranetes (CNCF project for Terraform on Kubernetes)
- Developers of Wayfinder, a self-service cloud platform

Public Sector Experience

We understand the unique requirements of government and public sector organisations, from security clearance to GDS service standards.

"Appvia have helped us realise our cloud-first strategy with excellent product solutions. The security, governance and peace of mind brought in by the cloud landing zone has dramatically accelerated our journey to cloud-native adoption."

— **Peter Macchiocci**, Bank of England, Head of Platform Engineering

8 Contact Us

To discuss your requirements or request a detailed proposal, contact our Public Sector Team.

Phone: 020 3917 2888

Email: sales@appvia.io

Website: www.appvia.io

When you get in touch, please include: 1. The name of this service 2. Your organisation name 3. Your contact details 4. A brief description of your requirements

We'll arrange a discovery call to understand your needs and provide a tailored response.

Appvia helps organisations build, secure, and innovate across cloud, data platforms, and AI by blending practical engineering expertise with real-world experience.



About Appvia

Appvia helps organisations build, secure, and innovate across cloud, data platforms, and AI by blending practical engineering expertise with real-world experience. Drawing on our background in creating open source CNCF projects like Terranetes and our self-service developer platform, Wayfinder, we bring that industry know-how and expertise into your organisation to help unlock the true value of the Cloud. As an AWS Advanced Tier Partner and a Microsoft Solutions Partner, we specialise in delivering secure, scalable cloud-native platforms and services, including containerisation, FinOps, modernisation, and AI integration.

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