

Gcp Migration Assessment

G-Cloud

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Google Cloud Migration Assessment

Comprehensive Google Cloud migration readiness assessment. Delivers prioritised migration roadmap and business case for UK public sector organisations.

1 Service Overview

Appvia's Google Cloud Migration Assessment provides a comprehensive evaluation of your applications and infrastructure to plan a successful cloud migration. We use Google Cloud's migration methodology to deliver clear, actionable recommendations.

What you get:

- **Workload analysis** — Classify applications for migration strategy
- **Dependency mapping** — Understand application dependencies and migration sequencing
- **TCO analysis** — Total Cost of Ownership comparison and business case development
- **Security review** — Gap analysis against NCSC Cloud Security Principles
- **Landing Zone assessment** — Evaluate readiness for workload hosting
- **Migration waves** — Prioritised sequencing aligned with business objectives
- **Risk assessment** — Identified risks with mitigation strategies
- **Executive roadmap** — Clear timeline and resource requirements

This assessment aligns with Google Cloud Architecture Framework for structured migration planning.

2 Our Approach

We follow Google Cloud's migration methodology to deliver a thorough, actionable assessment.

Assessment framework:

Phase	Activities
Discovery	Application inventory, migration assessment tool deployment, stakeholder interviews
Analysis	Migration strategy classification, dependency mapping, TCO modelling
Planning	Wave design, risk assessment, resource requirements
Reporting	Executive summary, detailed roadmap, business case

Migration strategy options: - **Rehost** — Lift and shift to Compute Engine VMs - **Replatform** — Minor optimisations during migration - **Repurchase** — Replace with SaaS or Google Cloud managed services - **Refactor** — Re-architect for cloud-native benefits - **Retire** — Decommission applications no longer needed - **Retain** — Keep on-premises with hybrid connectivity

3 Getting Started

A typical assessment takes 4-8 weeks depending on portfolio size:

Phase 1: Discovery We deploy migration assessment tools, gather application inventory, and interview key stakeholders. We document current state architecture and dependencies.

Phase 2: Analysis We classify workloads, map dependencies, model TCO using Google Cloud pricing, and assess security compliance gaps.

Phase 3: Reporting We present findings to technical and executive stakeholders, deliver the migration roadmap, and support business case development.

Prerequisites: - Application portfolio list with basic metadata - Access to infrastructure for assessment tool deployment - Availability of application owners for interviews - Business priorities and constraints documentation

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 application portfolio information and existing documentation
- Enable access to source infrastructure for assessment tools
- Make application owners and technical SMEs available for interviews
- Share business priorities and migration drivers
- Identify stakeholders for findings presentation

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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