

Gcp Landing Zone

G-Cloud

January 2026

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Google Cloud Landing Zone

Fully automated Google Cloud Landing Zone aligned with NCSC Cloud Security Principles and Google Cloud Architecture Framework. Secure multi-project environments for UK public sector organisations.

1 Service Overview

Appvia delivers fully automated Google Cloud Landing Zones designed for UK government and public sector organisations. We implement Google Cloud Architecture Framework best practices with alignment to NCSC Cloud Security Principles.

What you get:

- **NCSC-aligned security** — Built-in alignment with the 14 Cloud Security Principles
- **CIS and GCP controls** — Security benchmarks baked into the foundation
- **Resource hierarchy** — Centralised organisation, folders, and project structure
- **Organisation policies** — Automated compliance enforcement across all projects
- **Infrastructure as Code** — Repeatable deployments using Terraform
- **UK region deployment** — Data sovereignty compliance with europe-west2 hosting
- **Cloud Identity integration** — Centralised identity and access management
- **Security Command Center** — Integrated security monitoring and threat detection

This provides a secure foundation for hosting regulated government workloads.

2 Our Approach

We follow a structured delivery approach ensuring your landing zone meets government security requirements from day one.

Discovery We work with your architects and security teams to understand your organisation's requirements, existing Google Cloud footprint, and compliance obligations. We document network connectivity, identity integration, and workload requirements.

Design We design your landing zone architecture including resource hierarchy, folder structure, network topology, and organisation policy constraints. All designs are reviewed against NCSC principles.

Build We deploy your landing zone using Terraform. All configurations are documented and version-controlled, enabling your team to maintain and extend the platform.

Handover We conduct knowledge transfer sessions, provide documentation, and support your team through initial workload deployments.

Delivery approach: - Google Cloud Foundation Toolkit patterns - Custom Terraform modules for specific requirements

3 Getting Started

A typical landing zone deployment takes 4-8 weeks depending on complexity:

Phase 1: Discovery & Design Requirements gathering, architecture design, security control mapping, and design sign-off with your stakeholders.

Phase 2: Build & Test Infrastructure deployment, organisation policy implementation, integration testing, and compliance validation.

Phase 3: Handover Documentation delivery, knowledge transfer sessions, and initial workload onboarding support.

Prerequisites: - Google Cloud Organisation with appropriate administrative access - Defined network connectivity requirements - Cloud Identity or Google Workspace for identity

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 Google Cloud Organisation administrator access for landing zone deployment
- Define network connectivity requirements and IP address ranges
- Configure Cloud Identity for user federation
- Make security and architecture stakeholders available for design reviews
- Provide existing project inventory if migrating workloads

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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