

Function/Service Optimisation Skills service definition

Overview

Our Function/Service Optimisation Skills service provides specialised training for local authority staff in the public sector, focused on developing practical expertise in cloud function and service optimisation. This includes right-sizing resources, performance tuning, cost management, waste reduction and sustainable practices across cloud platforms. The service equips teams with the knowledge and tools to maintain efficient, high-performing, and cost-effective cloud environments long-term. It aligns with UK government priorities, including the Government Digital Service (GDS). By building internal capability, we enable clients to reduce vendor dependency, achieve ongoing savings, and support resilient, citizen-centric digital services through empowered, confident teams.

Service Scope and Approach

The service begins with a needs assessment phase, collaborating with IT operations, finance, cloud architects, and learning leads to identify skill levels, role-specific requirements and organisational optimisation priorities based on current cloud usage.

Key elements of our approach include:

- **Core Optimisation Techniques:** In-depth coverage of right-sizing methodologies, instance/family selection, auto-scaling configuration, storage tiering, and serverless alternatives across major platforms (e.g., AWS, Azure, Google Cloud).
- **Cost and Waste Management:** Training on cost exploration tools, budgeting, tagging strategies, reserved instances/savings plans and anomaly detection to identify and eliminate inefficiencies.
- **Performance and Sustainability Focus:** Sessions on monitoring, benchmarking, tuning for latency/throughput, and green computing choices that minimise energy use and environmental impact.
- **Hands-On and Role-Based Learning:** Practical exercises and case studies drawn from public sector scenarios, tailored to different roles.

Deliverables

Clients receive a comprehensive training package, including:

- Customised training materials with slide decks and optimisation checklists.
- Hands-on exercises, tool walkthroughs and post-session resources (e.g. recorded sessions, further reading).
- Participant feedback summaries and skills gap closure report.
- Ongoing support pack with templates, community access recommendations, and follow-up webinar options.

All materials are provided in accessible digital formats compliant with WCAG standards and designed for internal reuse or training.

Engagement Model

Engagements typically span 4-12 weeks, covering design, delivery and evaluation, with flexible formats including remote, on-site, or hybrid to suit staff availability. We deliver in small cohorts for interactivity. Pricing is fixed fee, scoped by participant numbers and customisation needs, with options for multiple cohorts aligned to training budgets.

Value Proposition

This service builds sustainable internal expertise that drives continuous cloud efficiency, commonly achieving ongoing cost reductions, improved service performance, and lower environmental impact without external consultancy dependency. Local authorities gain confident teams capable of proactive optimisation, better budget control and alignment with government spending and sustainability targets. Our public sector-focused training ensures practical, applicable skills that directly enhance digital service reliability, resilience and public value delivery.

This service is educational and capability-building, providing training design and delivery without including formal certification (unless specified), ongoing managed optimisation, or technical implementation, enabling seamless integration with other G-Cloud services for comprehensive transformation support.

