



Cloud Resilience Stress Testing for Peak Performance

G Cloud 15 - LOT3

1. Insight

Insight leads the delivery of transformative solutions, supported by a powerful ecosystem of over 6,000 global partners including Microsoft, AWS, and Cisco.

As a Fortune 500 company with a long-standing history of delivering trusted services to the UK Public Sector, we combine our own deep expertise in consulting, advisory, and transformation with partner innovation to create holistic solutions across cloud, data, modern workplace, cybersecurity, and application services.

Guided by proven methodologies and ESG principles, we work collaboratively to design and implement tailored strategies that drive measurable business impact while promoting sustainability and governance excellence.

2. Insight for the Public Sector

Your End-to-End Digital Transformation Partner

As a leading Solutions Integrator, Insight combines deep technical expertise with a vast partner ecosystem to help UK government organisations modernise, innovate, and deliver citizen-centric services. We hold places on over 85 public sector frameworks, offering a compliant, efficient route to digital transformation.

We don't just supply IT; we design, deploy, and manage the solutions that secure your data and unlock value.

Core Areas of Expertise

- **Innovation, Data & AI:** we deliver end-to-end data science and custom AI solutions. From modernising data platforms to deploying bespoke machine learning and spatial computing, we help you unlock the value of your data to drive operational efficiency.
- **Modern Infrastructure & Cloud:** Building scalable, hybrid foundations that reduce technical debt and support multi-cloud strategies.
- **Modern Workplace:** Empowering the public sector with secure, flexible tools to work from anywhere, attracting talent and improving productivity.
- **Cybersecurity:** Comprehensive managed security services, threat detection, identity protection, and compliance management to ensure your data remains sovereign and secure.
- **Modern Apps:** Agile application development creating meaningful and impactful tools that link to tangible benefits, improvements and cost savings.

Our Approach: Consulting, Lifecycle, & Managed Services

We deliver value at every stage of your technology journey, ensuring accountability from strategy to support:

- **Consulting (Architecting the Future):** We bridge internal skills gaps with data-driven strategy. From "Discover & Design" to full-scale migration planning, we ensure your investments solve real public sector challenges.
- **Lifecycle (Seamless Execution):** We take the risk out of procurement and deployment. Leveraging global buying power, we handle everything from supply chain management and imaging and implementation to sustainable asset disposal (ITAD).
- **Managed Services (Always-On Support):** Shift from "keeping the lights on" to innovation. We provide 24/7 infrastructure monitoring, cloud cost optimisation (FinOps), and security operations to ensure resilience.

3. Services

Service Name

Cloud Resilience Stress Testing for Peak Performance

Service Description

A premium service delivering rigorous stress testing of cloud-hosted systems to assure peak resilience, scalability, and reliability for organizations operating critical workloads in cloud environments.

Features

- Simulates extreme user and transaction loads on cloud infrastructure
- Identifies bottlenecks and vulnerabilities under maximal stress scenarios
- Custom stress scenarios tailored to unique cloud workloads
- Automated test scripting and cloud-native tool integration
- Detailed real-time monitoring of system resource consumption
- Analysis of application and infrastructure performance thresholds
- Comprehensive reporting with actionable remediation recommendations
- Repeatable stress test cycles to validate fixes and improvements
- Stakeholder debrief workshops and executive-level readouts
- Secure handling and isolation of all test data and environments

Benefits

- Ensures business continuity during traffic surges or crisis events
- Reduces risk of outages by preemptively revealing system failures
- Validates scalability of cloud solutions before go-live or upgrades
- Boosts stakeholder and client confidence in digital services
- Shortens incident response time through proactive issue detection
- Optimizes cloud resource allocation and cost forecasting
- Facilitates meeting regulatory and compliance performance mandates
- Empowers IT teams with in-depth operational insights
- Supports smooth cloud migration and transformation initiatives
- Enhances overall digital user experience and trust

Constraints

Requires client collaboration; test environments must mirror production; limited to supported cloud platforms.

CONTACT US

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