

Cloud QA Support G-Cloud 15





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1 Service Overview

Sogeti's (part of Capgemini group) Cloud QA is a suite of services offering Quality Assurance approaches for Buyers' cloud aspirations. Cloud QA can support Buyers' transformation paths as an independent quality assurance function or by integrating continuous testing as part of a DevSecOps solution. Cloud QA can do this by utilising Intelligent Automation Virtualisation and Analytics.

Testing in the cloud offers scalability, flexibility, and cost-effectiveness, enabling faster test execution and improved collaboration. With access to diverse environments and automated tools, testing in the cloud accelerates development cycles and ensures quality software delivery.

2 Business Need

Organisations face increasing pressure to deliver high quality software applications and services to the market faster and more efficiently than before. Testing in the cloud can be implemented as a strategic enabler, by leveraging cloud infrastructure and services for testing, organisations can achieve scalability, flexibility, and cost efficiency. This approach enables accelerated testing cycles, improved collaboration, and enhanced agility.

Sogeti can assist the Buyer in any stage of a Buyer's Cloud journey. Sogeti's OneDeliver portfolio consists of three coherent parts:

- **ADVISE:** Can help the Buyer with Cloud choices. Sogeti can perform the Buyer's Cloud Assessments and introduce Buyers to the Cloud Migration Factory. Can assist the Buyer in developing a Cloud strategy, which can support the business strategy, efficiency and agility. Sogeti can also provide the Buyer with an advisory service.
- **ALIGN:** Sogeti can help to prepare the Buyer by using Sogeti's onshore and offshore delivery capabilities, transforming Buyer's applications portfolio by rationalising, modernising, migrating workloads or creating new Cloud-native applications. Sogeti can provide three migration approaches – re-host, re-mediate and re-write.
- **ANIMATE:** Moving and giving continuous support for Buyers in the Cloud. Sogeti can help to manage the Buyer's migration, set up and applications management, often with the help of Sogeti's large offshore delivery capabilities. Sogeti can provide workload allocation to public and private Sector, safely and in control, provisioning third-party IaaS e.g., Microsoft Azure.

3 Our Approach

3.1 OneShare Solution

Within the OneDeliver family of Sogeti solutions Sogeti has created OneShare, a toolset and a platform that can help simplify the Buyer's application delivery by helping Buyers to manage existing resources. It can deliver a fast, flexible, and continuous application environment on top of Microsoft Azure, as an example a Buyer can load, test, and manage environments in an easier way. Users can copy and deploy test infrastructures or move applications into production with one click of a button.

OneShare is Sogeti's Cloud Platform solution consisting of Self-Service portal, Templates and Services for Cloud environment provisioning and management. OneShare can help provision and manage environments in Azure AWS, Google and IBM. It can:



- Speed up the provisioning of resources across environments with Self-Managed service and resource templates.
- Provide easy provision of environments in Azure, IBM, Google and AWS.
- Control Cloud Usage costs through usage, monitoring and resource scheduling.
- Standardise environments throughout the enterprise in a unified, robust, and repeatable way.

3.2 Business Drivers and Suite of Services

The service can provide:

- **Scenarios:**
 - Cloud Migration testing.
 - Application upgrades.
 - BAU small changes.
 - New releases of SaaS and PaaS.
- **SAP:**
 - New Implementations.
 - System Conversions.
 - Landscape transformations.
 - New Releases and Updates.
- **Provisioning and Orchestration of Test Environments**
 - Test Environment provisioning.
 - Test Environment management.
 - Test Data Management.

3.3 Cloud Strategy and Consultancy

The service can include:

- **Validating Cloud Availability**
 - Resilience and Failover.
 - Disaster Recovery.
 - Back up & Restoration Testing.
- **Validating Cloud Performance**
 - Performance, Stress and Load testing.
 - Application monitoring and performance improvement.
- **Validating Integration and Interoperability**
 - Cloud Technical testing (API and service integration).
- **Validating Cloud security and compliance**
 - Application and user security.
 - Data compliance testing.
 - Access provisioning.



- **Validating Cloud Migration**
 - Functional, Non-functional, and technical validation of Cloud application migration.
- **Cloud Data and Analytical Testing**
 - ETL Testing and reporting.
 - Big Data and analytic testing.
 - Data Masking and compliance.
 - Synthetic Data creation.
- **Test environment Provisioning**
 - Environment configuration and provisioning.
 - Cloud Infrastructure and application installation provisioning.
- **Testing Mobile Applications**
 - Mobile Application Testing.
 - Cross Browser Testing.
 - Usability and Accessibility Testing.

3.4 Cloud QA Benefits

The service can be delivered from the following roles:

Chief Experience Officer:

- Reduced Technology risk by validating business process (SAP).
- Improved business agility by eliminating manual testing and accelerating deployment.

Reduced cost of testing, improved time to market and increased quality delivered to the business.

Head of Quality Assurance:

- On demand and flexible test environment provisioning.
- On demand and flexible mobile application testing capability.
- Increased quality through automation of repeatable tasks.
- Keeping pace with updates and HANA releases.
- Shortened project timelines through automation.

Technical Test Lead:

- Leverage of state-of-the-art test automation solutions and test accelerators to speed up and industrialise the Cloud test and validation activities.
- Coverage of key Cloud risks such as performance, availability, interoperability, security, and accessibility by a team of independent and dedicated Cloud experts.

3.5 Sogeti's Accelerators

3.5.1 Generative AI

Sogeti's Generative AI accelerator – Amplifier, augments product owners, architects, and quality engineers from the inception of requirements and infrastructure design to software testing, by forging a streamlined journey to execution.



Amplifier allows us to;

- Build a platform that covers all the use cases of Quality Engineering & testing from test case design to test reporting ensuring entire Software Testing Lifecycle is covered.
- Improves productivity for test case design and automation development.
- Point zero testing approach resulting in significant cost savings for testing.
- Eliminates person dependency making it more process driven.

Key Benefits include:

- **Streamline Team Collaboration:** Connect requirement engineers, product owners, and quality engineers with Sogeti's Amplifier ecosystem integrations such as JIRA, ensuring all disciplines stay in lockstep from requirements to release.
- **Accelerate Product development flow:** Facilitate rapid design validations for architects by translating discussion into Sogeti's Amplifier diagrams and data models, reducing time from whiteboard to development.
- **Optimise QE Processes:** Enhance test case creation for quality engineers with Sogeti's Amplifier TMAP – informed prompts, yielding thorough test scenarios that mirror real-world use without the need for deep manual effort.

3.5.2 End to End Quality Engineering Accelerators

Our accelerators for end-to-end Quality Engineering enable various areas of the end to end quality lifecycle

- **Requirement Mapper** accelerates the manual test design process by using the Model Based Test design technique.
- The **Automation Feasibility** analyser provides an upfront view on automation feasibility of manual test cases. This provides you with clear insight on what the benefit and ROI of automation will be.
- The **Test Script Generator** generates test scripts in an automated fashion by combining tags established in the Requirement Mapper
- The **Quality Engineering Maturity Modeler** is designed to help assess the current level of Maturity of the organization in their DevOps transformation journey, Performance Engineering Assessment, Test Data Management (TDM) and Test Environment (TEM) assessments.
- The **Automation Framework Chassis** provides ready to use CI/CD pipeline setup at the start of new projects.
- Unified dashboard generates near real time reports and actionable insights to enable rapid decision making.

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

5 Service Management

Buyer-focused approach to delivering information technology. It focuses on providing value to the Buyer and, also on the Buyer relationship.



If a Buyer migrated to cloud but need a capability to control of their newly modernized applications, things can get very complicated very fast. Sogeti's managed Service Solutions are designed to solve that challenge.

Sogeti is only one of 16 partners worldwide to be accredited as a Microsoft Azure Managed Services Provider (MSP) and Sogeti services help streamline operations with use of industrialized tools for effective Service Management and Service Delivery.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact us to discuss.

7 On-boarding and Off-boarding

Capgemini shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service.

8 Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer is a critical element in the provision of G-Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.

Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Capgemini's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.

9 Vendor Accreditations/Awards

Sogeti – the part of the Capgemini Group, is an award-winning company both globally and nationally. The below list presents companies' names that Sogeti has won series of awards with over the years:



2025 winners of Best Advancing Software Testing Practice, awarded to the team or initiative that has made a positive contribution to the software testing profession. This is in recognition of those that go above and beyond to make the testing industry or practice better. It means breaking down barriers, thinking beyond our employers or clients, and using our skills and knowledge for the betterment of the profession.

Microsoft, IBM, Intel areas of Testing, HPE, Oracle, Digital, High Tech related awards, ESRI S-GROUP, Delivery, awards related to technologies and solutions.



For the 13th year in a row, Capgemini has been recognized as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgment of our ethical culture that makes us an employer of choice and responsible player in the eyes of our clients, shareholders, and the wider community.



10 Sub-contractors

Capgemini UK may use the following subcontractors to deliver this service:

- Capgemini Technology Services India Limited.

11 Business Continuity and Disaster Recovery

No disaster recovery plan is provided as part of these Services.

12 Pricing

This service is priced in accordance with the SFIA Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.

13 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

We would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.

14 Termination Terms

Please refer to the Supplier Terms for this service.

15 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.

Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

1. The name of this service.
2. The name of your organisation.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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