ACUTEST
Part of Trustmarque

MIGRATE TO THE CLOUD WITH CONFIDENCE

Cloud Services Testing and Assurance

Head in the cloud?

Migrating services to the cloud is complex and demands a huge shift in both your infrastructure and ways of working. Acutest removes the complexity to optimise all test activity surrounding your cloud and hybrid-cloud products and services. Our Cloud Services Testing and Assurance ensures you reach the cloud with confidence and achieve solid foundations for future deployments.

Achieve real benefits in terms of delivery frequency, deployment success and progress transparency for your cloud migrations.

We can also provide specialist Azure migration assurance for services specifically tested in the Microsoft Azure cloud.

Why consider testing and assurance for cloud-based services?

Programmes migrating applications, services and data to the cloud are complex and take many forms. They include: digital transformation, lift-and-shift migrations, bespoke services, off-the shelf services and hybrid cloud or on-premise solutions. Regardless of the route to the cloud, there are common challenges regarding time, cost and quality, usually with the goal to migrate with minimal disruption.

As well as the physical migration, you will want to adopt best practice for product and service delivery, enabling deployments to be made more frequently and with confidence. However, moving from a traditional model, with infrequent and time intensive releases, to a more agile approach can be a challenge.

A successful migration requires new skills, organisational and process changes, and the introduction of new testing capabilities such as test automation within cloud environments.

Acutest's cloud testing specialists can help you get there.

What will the engagement look like?

The Acutest principles for assuring cloud services

We follow a tried and tested outcomes-based methodology shaped by a defined set of principles, proven to help you get the most value.

Begin with the big risks

During a cloud migration, the risk of a system failing is a combination of how likely it is to fail and the impact of that failure, should it occur.

We prioritise each item of data, element of the service and migration process (such as cutover, rehearsals/dry runs, data reconciliation and acceptance) using this likelihood/impact technique.

End-user and customer-centric migration

Testing a cloud service requires more than just testing the functional software requirements. You need to be mindful of the end-user perspective.

We see the migration through the customer's eyes. Our catalogue of cloud-ready non-functional requirements considers everything from a customer's point of view to focus on the things that really matter.

Fail fast

Finding and fixing problems early during a cloud migration is key to delivering on time and budget. Defects found close to the migration (or worse still, after) are difficult and costly to fix.

By actively assuring the data and migration activities early in your cloud migration programme, we'll deliver significant savings in terms of time and cost.

The core benefits

- Increase the frequency and success of deployments (200 times more often with an 85 per cent reduction in failed changes*)

- Quicken the pace of deployment (100 times faster from code commit to deployment and two thousand times faster to recover from downtime*)

- Improved governance with more transparency and visibility of your status and progress

- Leverage automation and low-cost tooling for scalable cloud consumption

- Achieve your target migration delivery date and budget

*(Figures according to The Accelerate State of DevOps Report 2019)

A business driven view of requirements and design

We know that traditional approaches to documenting the requirements and the design of cloud migration projects are long, complex, difficult to track and largely misunderstood. We translate the requirements into simple language that can be understood by both technical teams and business stakeholders.

We achieve this by creating stories and scenarios that describe all the required and predicted behaviours of the proposed cloud-based service and its users. This helps to remove any ambiguity, providing real world examples that are easy to understand.

Leverage automation and tooling

The Acutest approach of using stories and scenarios also provides the basis for a full set of automated tests for the new cloud-based service. These can be executed on both the old and the new platforms, enabling a precise comparison. Low-cost tools are used to enable the creation of these tests and the use of real data.

It is important to note that automating manual tests from the original service may not deliver as much benefit as adopting this approach. It creates better tests that cover the full scope of the cloud service and provides tools that enable the migration to take place.

Why Acutest and Trustmarque

Trustmarque has an established Cloud Centre of Excellence and is a leading partner to the major cloud providers including AWS and Microsoft Azure. Acutest is a market-leading testing and quality assurance provider with a rich history of helping customers to get their digital transformation and change projects across the line. Together, we can help you to maximise your cloud migration, adoption and ongoing cloud consumption.

**Talk to your Account Manager or visit
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