

Advanced End-to-End SAP on AWS Testing with Tricentis Tosca

Optimize your SAP investments with the Gartner Top Rated Continuous Testing Platform

Tricentis is an AWS Advanced DevOps Competency Partner.



Industry trends & challenges

SAP S/4HANA on AWS is fast becoming the centerpiece of enterprise Digital Transformation initiatives. However, conventional and legacy software testing approaches lack comprehensive capabilities to fully test SAP across all touch points in complex landscapes. Tricentis Tosca, the Gartner top Rated Continuous Testing Platform for SAP, helps leading enterprises modernize testing for SAP Digital Transformation initiatives.

Tricentis Tosca for SAP

Tricentis has changed the game with a new approach to SAP business process testing. Tricentis has established an advanced SAP business process test automation technology that lets you effortlessly prevent defects to your core end-to-end business transactions - across and beyond SAP (APIs, web UIs, Java, mobile interfaces, mainframes, data warehouses, and more).

Benefits

Enterprises who need to accelerate testing for SAP rely on Tricentis. Our industry-leading Continuous Testing Platform provides automated insight into the business risks associated with every release. Using Tosca, we have seen that customers can test 10x faster with visibility into business risks.



Automated End-To-End Testing for SAP

Automatically test your SAP implementation and beyond. Test business processes across all connected applications + APIs



Load Testing for SAP Fiori

Easily construct and run load tests specifically tuned to support SAP Fiori



Validate SAP Workloads on AWS

Prevent business disruption by revalidating SAP business processes – measure performance impacts across each critical path.



AI-Enabled Testing for the Business User

Tricentis Tosca's model-based test automation approach enables business users to rapidly create resilient, reusable test assets.

Solution Space

Discover scalable and secure solutions that will empower you to achieve your business needs with Amazon Web Services (AWS) and AWS Partner Network (APN) Partners that have attained AWS Competency designations. Customer ready solutions are based on architectures validated by AWS, include a combination of AWS services and APN Partner technologies, can be deployed quickly with solution accelerators like AWS Quick Starts, and feature optional consulting offerings provided by APN Partners, to accelerate your cloud transformation.

[Click here to get started with this Solution Space offering](#)

Solution overview



Key features

- Record application usage in real time to create building blocks that can be reused across advanced test scenarios
- Automatically identify and manage test elements that trigger false positives via smart identification, self-healing technologies, dynamic synchronization, and additional stabilization technologies
- When an application element is added or changed, just update the model once; all impacted tests are automatically synchronized

Tricentis on AWS



Tricentis on AWS enables business users to plan, construct, stabilize, and execute resilient and reusable end-to-test for all core SAP technologies and beyond the boundaries of SAP. A single test definition can be used across technologies and test types (API, UI, load testing...), dramatically reducing the learning curve and time required for complete test automation. Enabling consistent and continuous testing within CI/CD pipelines, critical capabilities such as service virtualization, test data management, test impact analysis, and distributed execution are a fundamental part of the integrated solution. Additional, Tricentis' AI-driven risk-based testing aligns testing activities with business priorities. We highlight what to test first, help you design test cases for optimal risk coverage, and report the business impact of any test failures that occur.

How it works

Tricentis Tosca guides users to the most efficient set of tests required to cover the top business risks, then lets them reuse test assets across all target browsers and devices. The process is the same, whether you are testing S/4HANA, Concur, Hybris, SuccessFactors, Ariba, or other core applications or if you are testing from the UI, API, or mobile interface. Testers can rapidly learn the intuitive process, then begin creating tests that any other team member can readily understand and extend.

Driven by model-based test automation, Tricentis SAP testing exposes critical regressions without overwhelming users with false positives or requiring burdensome maintenance as the application evolves. With Tricentis Tosca's model-based tests, test logic is separated from the technical details. This means that if a technical detail changes, users can update it once in a central model, then that change is automatically propagated throughout the test suite. If a frequently-used control changes, this could mean the difference between an easy 2-minute update versus days or weeks of tedious test script reworking.

Getting started

[Click here to get started with Tricentis today.](#)



About AWS: For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 100 services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 49 Availability Zones (AZs) across 18 geographic regions in the United States, Canada, Europe, Asia, Australia and South America. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs. To learn more about AWS, visit <http://aws.amazon.com>

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