

LambdaTest's

Integrated Enterprise Execution Environment on Cloud

"LambdaTest is doing for test automation what Kubernetes did for container orchestration - creating that next level of efficiency around test automation so that people can actually focus on testing versus test orchestration."

~Satya Nadella, Chairman and CEO, Microsoft at Microsoft's Future Ready Summit 2023

Challenges Faced by Enterprise Testing Teams

Digital-first customers expect features/updates at record speeds and enterprises have no option but to meet these asks given the increasing market competition. However, their complex test execution environments become a blocker and impede the release velocity.



Complex Test Environments

Heterogeneous applications, multiple test automation frameworks (Selenium, Tosca Playwright, TestComplete, Cypress, etc.) COTS apps (SFDC, SAP, Simulators etc.)



Vulnerable Test Environments

For regulated industries, public test cloud infrastructure is a deterrent.



Automation slows down at scale

Complexity and cost of managing in-house test infrastructure increases exponentially at high concurrency. Also impacting release velocity

Introducing LambdaTest's Enterprise Execution Environment (E³)

E³'s JITO – Just In Time Orchestration –will replace multiple execution environments with a single LambdaTest environment and become the digital highway for all your testing-related needs.

Now, teams can execute tests across frameworks, tools, languages, devices, browsers, or APIs, at blazing-fast speed, under a unified execution environment.





Smart Orchestration Features

- ✓ Pre-steps and Post-Steps for fine grain control on test execution environment
 - ✓ Smart auto test splitting over multiple machines
 - ✓ Automatic retries of failed tests
 - ✓ Pattern Based Automatic Scheduling
 - ✓ Automatic test trigger on git hooks
- Automatic reordering of tests for the faster feedback



Deep Insights

- ✓ Auto Error Categorization
- ✓ Flaky Test Management
 - Run text x times
 - Run tests in random order
 - Throttle system resources like network
- ✓ Smart Observability
 - Historical analysis
 - Group Error Stats
 - Test failure RCAs

Smart Orchestration & Deep Insights

You Focus On Writing Tests And We Take Care Of The Rest!

Why LambdaTest?



Increased Release Velocity



Faster Feedback to Developers



Zero Test Flakiness Due To Infra



Reduced Test Execution Time



Deep Insights & Observability



Zero Maintenance



120+ Integrations to Ensure Ease of Use



Flexible Deployment Model - Shared Cloud



Flexible Deployment Model - Private Cloud

The LambdaTest Trust

Helping you build trust with your customers is important to us and so is building trust with you. Having all the essential security, compliance and legal matters in a place is critical in protecting and the work we share.



4.8



Gartner

4.6



Capterra

4.6



4.4



Trustpilot



200M+ Tests



2M+ Users



500+ Enterprises



130 Countries