



Meet PHOTON

Your end-to-end performance testing AIDE*

Continuous technological advancements and digital transformation demand new ways to test products. Hop on this exciting journey with us to go from unmanaged performance testing work to smooth, end-to-end performance testing at the speed of digital.

PHOTON is a one-stop performance testing solution that addresses the testing problems of today's business leaders and technical architects. It improves quality and trust in the product and increases the efficiency of teams.

Availability is the key.

Availability supports **Reliability**.

Reliability defines **Quality** and **Trust**.

Are you keen to optimize your testing potential?

Do you find yourself saying YES to these questions?

- Is achieving a one-stop performance monitoring solution a priority for you?
- Are you interested in tracking performance test improvement?
- Do you face challenges in distributing data across multiple load generators?
- Do you think adding machines to a load-generating cluster is effort-consuming and tiresome?
- Do you face difficulty in understanding the test report about whether the test passed or failed?

If you face any of the above challenges, the path to your solutions is called PHOTON!

This is PHOTON

Proven – Developed with the foresight and recommendations of industry experts, customers, and project stakeholders to address all their requirements.

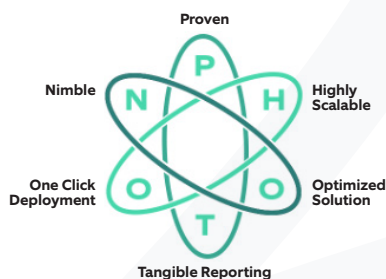
Highly scalable – PHOTON is highly scalable and can test applications that need large, distributed load and can scale the load to the nth number.

Optimized – PHOTON enables the performance testing teams to work under any given constraints and deliver the best value to the project.

Tangible – Real-time and standardized reporting helps in identifying bottlenecks quickly, with utmost precision.

One-click – PHOTON can help you reduce deployment time drastically and easily, giving more room to create real-world load test planning scenarios.

Nimble – PHOTON's advanced tech stack is equipped with inherent platform independence and seamless integration capabilities.



Why choose PHOTON?



Quick and cost-effective

With PHOTON, you can set up and execute your test environment much faster, with minimal efforts.



Transparency and analysis-backed support

An intuitive reporting dashboard and performance trend analysis provide accurate projections for comparative analysis across releases.



Scalable and reliable

PHOTON can dynamically scale up load generator machines as per the user load requirements and test the availability of the application, even in extreme load conditions.



End-to-end performance monitoring

PHOTON's advanced tool stack ensures test executions, client-side performance monitoring, log monitoring, and PHOTON infrastructure monitoring.



Acceptance criteria-backed results

PHOTON provides with an acceptance criteria mechanism which helps in evaluating NFRs.

Start using PHOTON from Day 1 in your performance testing lifecycle and enjoy 50% greater efficiency!

*AIDE – Nagarro's model to speed up performance testing

Analyze



- Get functional understanding of the application
- Know the application architecture and different protocols used
- Understand the ecosystem and integration with systems/sub systems
- Identify the testing tools in use
- Understand the development model, team structure, and test environments

Investigate



- Know about the test environment and deployment platform.
- Learn about the firewalls, security permissions, and any specific accessibility permissions

Deploy



- Get AWS account with Admin permissions
- Deploy PHOTON by following the deployment UI
- Validate the PHOTN setup

Execute



- Create script
- Execute test
- View results on Dashboard
- Analyze and figure out possible bottlenecks



About Nagarro

In a changing and evolving world, challenges are ever more unique and complex. Nagarro helps to transform, adapt, and build new ways into the future through a forward-thinking, agile and caring mindset. We excel at digital product engineering and deliver on our promise of thinking breakthroughs. Today, we are 19,000 experts across 34 countries, forming a Nation of Nagarrians, ready to help our customers succeed. (Status: 06/2023)

For more information, visit www.nagarro.com

It's time to leverage all these invaluable benefits in performance testing, it's time to make PHOTON your trusted AIDE. So why wait? Just reach out to us at

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