



IB BOOST LTD

P | +44 (0)118 230 1337
E | tenders@ibboost.com
W | www.ibboost.com

PERFORMANCE TESTING AND LOAD TESTING SERVICES

Cloud Support – Service Definition

IB Boost is a specialist development consultancy whose focus is on delivering complex solutions to global organisations. Our experience has led to the development of a suite of innovative software frameworks for accelerating project delivery. Our combination of subject matter expertise and innovative software solutions paired with our passionate technology consultants allows us to provide a comprehensive range of cloud solutions for almost any target application technology.

SUMMARY

IB Boost's OCTANE Cloud platform provides a rich platform for monitoring and managing your APIs, services and web application functionality and performance. Use pre-built common metrics and templates, or use ORQA to record and upload complex user scenarios, triggered or scheduled health checks of your services at all times.

SERVICE OVERVIEW

IB Boost offers strategy, design and execution services for load, stress and performance testing of any application, website, or service in the cloud.

Experience

IB Boost has extensive experience with performance testing, having created the ORQA test automation platform and running the commercial TestZoo service, which offers massively scalable distributed performance testing for websites and applications in the cloud with real-time analytics.

Services

IB Boost can advise on the testing strategy, tool selection, test planning and management, and implement and execute performance tests using our testing platform or the most suitable tools for the requirements.

Strategy

It is imperative to identify and understand potential application performance issues that will keep your software applications or websites from meeting the performance requirements your users expect. IB Boost will help you design a performance testing strategy to do just that, from documenting performance benchmarks and user expectations, to identifying bottlenecks and developing a resolution plan.

Tooling

Based on the needs identified during strategy development, IB Boost will advise on the best tools to make sure your systems are operating and will continue to operate at their best with expected peak and average loads over time. These solutions may be out-of-the-box or bespoke solutions based on your needs, timescales, and financial constraints. We can support you in building a business case for these tools and obtaining stakeholder buy-in when necessary.

Implementation

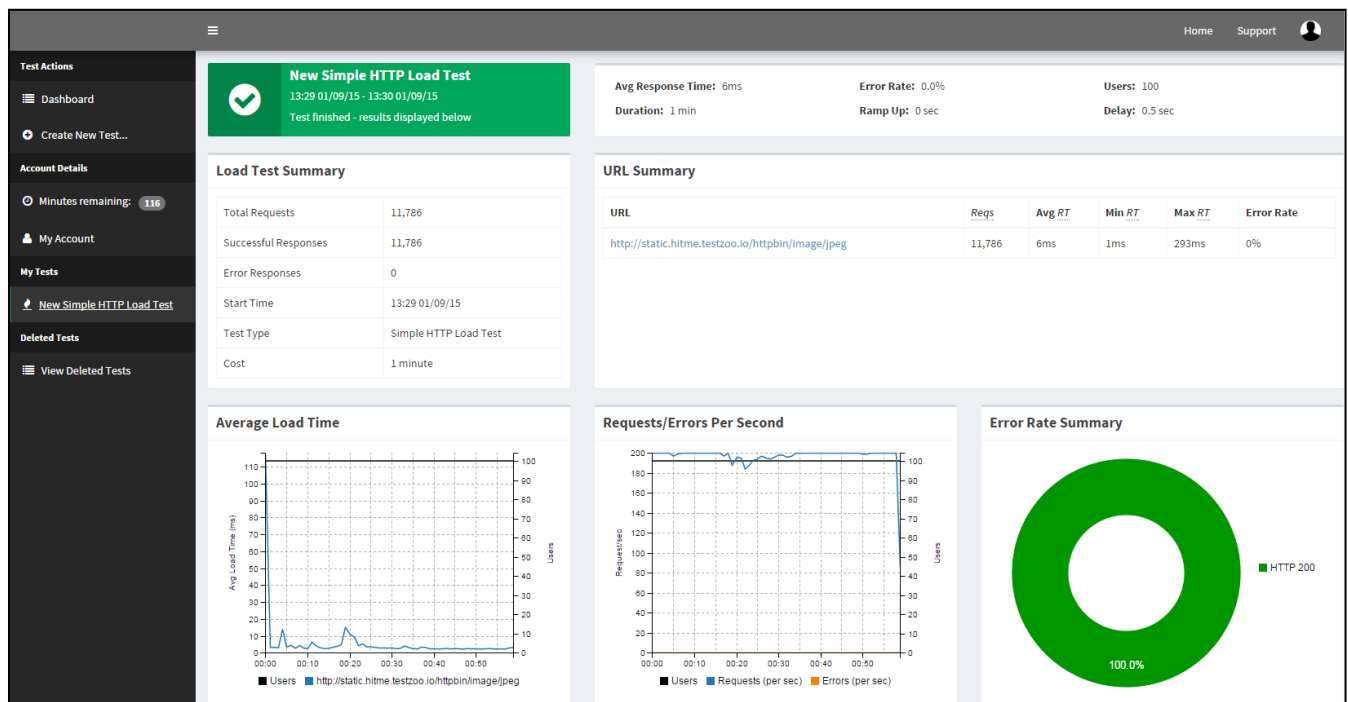
IB Boost can support the implementation of the chosen tools to develop appropriate performance tests for the cloud services and applications under test. With our ORQA test automation tool, along with experience with other tools such as HP LoadRunner, Gatling, Selenium, JMeter and others, we can implement effective performance tests rapidly and integrate these into your development and testing schedule.

Analysis

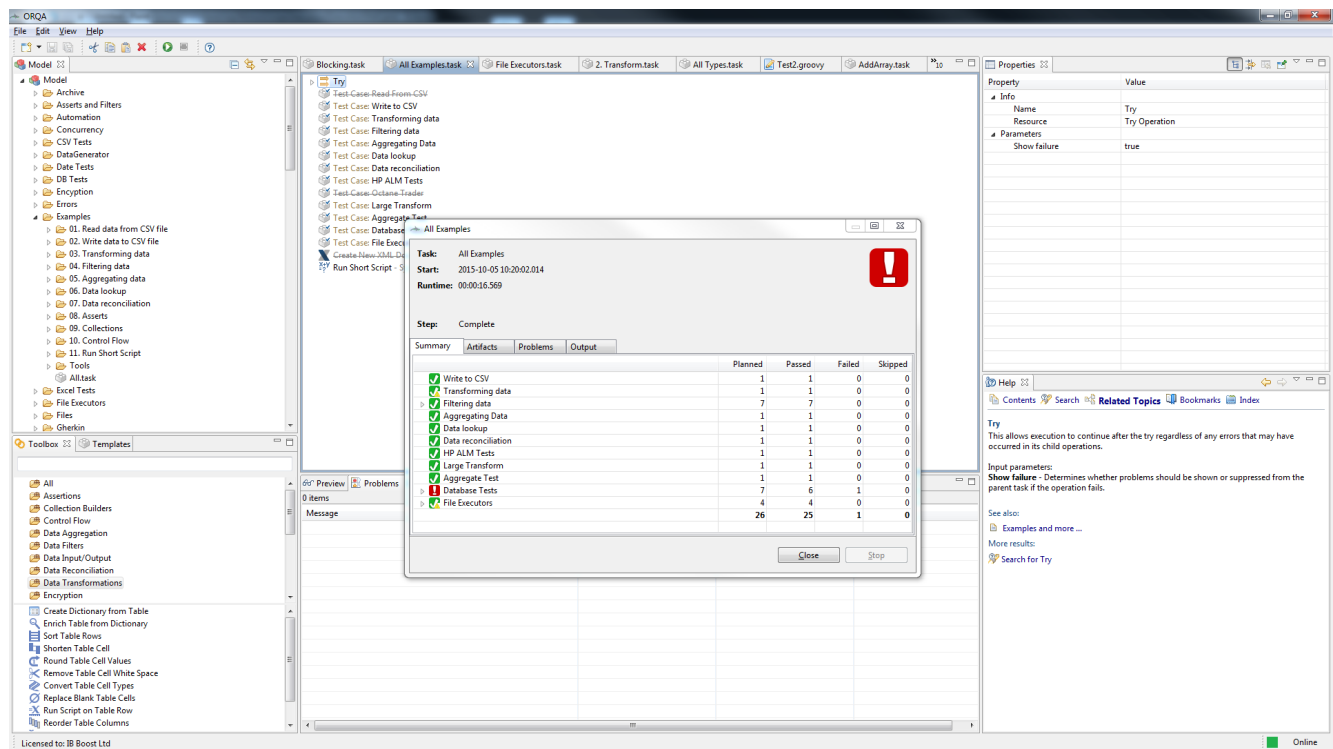
Running tests and capturing output alone is insufficient. We can help you analyse and compare data to benchmarks and industry standards, including identifying bottlenecks that need to be addressed. With a fully-scalable performance testing solution, the ability to process large volumes of data is as critical as running the test. Our experience in aggregating and analysing this allow these services to be leveraged.

Tools

OCTANE provides the ability to run tests and monitoring processes at any scale and at any time. Rich visual dashboards store the results and allow service quality checks on the performance of your applications, services or websites.



The ORQA tool can be used for testing automation and reconciliations of any nature, bringing together all your tests into one platform, and allowing local or distributed execution in the cloud.



FEATURES

- Automated testing services for all aspects of the SDLC
- Distribute testing across nodes and geographical location to simulate users
- Record test scenarios and massively replicate for performance tests
- Test strategies, plans, cases, data, and environment management included
- All performance test types: stress, soak, load, endurance, regression
- Easy-to-use test automation framework: simple to scale
- Multi-platform solution, covering wide range of technologies and platforms
- Experts in HP ALM, HPQC, JMeter, ORQA, Selenium, JUnit, Cucumber
- In-house OCTANE platform promotes an open standard for automating everything
- Integrate performance testing into Continuous Integration or delivery cycle

BENEFITS

- Benefit from our experience and established performance testing software
- Identify, analyse and resolve performance bottlenecks in your applications/websites
- Rapidly get started with testing by recording and replay automation
- Out-of-the-box distributed execution for rapid scaling and simulation
- Reduce time and cost of manual testing efforts
- Shorten release cycles with increased quality
- Stress test hardware and software easily with customised user scenarios
- Ensure technical changes do not impact service delivery performance
- Technical solutions that scale with technology, not bodies
- Introduce BDD and TDD Agile-style practices to your organisation