

Everything Your Team Needs, to Govern, test, Manage and Monitor Software, in a Single Package

The Micro Focus DevOps Suite is an integrated set of products that help your team govern, test, and manage software, however you choose to develop it.

The Micro Focus DevOps Suite Combines:

■ ALM Octane:

A comprehensive lifecycle management solution that enhances the speed, quality and scale of software delivery.

■ StormRunner Functional:

An on-demand, analytics-powered service enabling teams to test applications on any environment.

■ StormRunner Load:

A cloud-based load-testing service that makes it easy to plan, run, and scale your testing.

■ AppPulse Suite:

A SaaS application performance management solution that helps application teams deliver superior user experience for their customers.

Supporting modern agile and DevOps methodologies, as well as traditional and hybrid software development practices, it includes ALM Octane¹ for lifecycle and pipeline management; StormRunner Functional² and StormRunner Load³ for functional and performance testing of web and mobile applications; and the AppPulse⁴ suite to monitor and adapt your products' user experience in production.

Introduction

Businesses today are required to deliver software to their users at an ever-increasing pace, but at the same time, they must keep quality consistently high. The need to comply with corporate, industry and even government regulations, together with the demand for a superior user experience, leads organizations to adopt a holistic approach to application delivery. The application delivery toolset must include management, testing and monitoring, but crucially, these tools must be able to communicate with each other and provide visibility, transparency, and end-to-end traceability, and enable collaboration across the whole team and beyond. Enter the Micro Focus® DevOps Suite, which does all this and more.

About the DevOps Suite

The DevOps Suite combines the tools that software delivery teams need in order to deliver software more quickly, and at a consistently high level of quality. As well as being integrated with each other, the DevOps Suite products also integrate with popular commercial and open source software delivery tools, and come with a comprehensive set of entitlements to enable everyone on the team to enjoy

the benefits of the products. The DevOps Suite consists of the following products:

- **ALM Octane:** A comprehensive lifecycle management solution focused on enhancing the speed, quality and scale of delivering software for organizations using modern and traditional development methodologies.
- **StormRunner Functional:** An on-demand, analytics-powered service enabling software development teams to test applications across any browser.
- **StormRunner Load:** A cloud-based mobile app and website load-testing service that makes it easy to plan, run, and scale your testing for web and mobile apps. It's the simple, smart, and scalable approach to modern testing.
- **AppPulse Suite:** A SaaS application performance management solution that helps application teams understand users and their experiences, to deliver and adapt user-focused applications, and achieve high-velocity releases with quality.

Individually, each product is a leader in its own space. Together, the Micro Focus DevOps suite provides your team with everything you need to reduce delivery times, and increase quality, whether you are a DevOps team, agile team, traditional team, or use a hybrid of methodologies.

- 1 www.software.microfocus.com/en-us/products/alm-octane/overview
- 2 www.microfocus.com/functionaltesting
- 3 www.software.microfocus.com/software/stormrunner-load
- 4 www.software.microfocus.com/en-us/solutions/user-experience-management

Product Flyer

Everything Your Team Needs, to Govern, test, Manage and Monitor Software, in a Single Package

ALM Octane

ALM Octane is a unified platform for defining, managing, and automating activities, gaining insight, and sharing assets to deliver applications from ideation to production. ALM Octane manages the process and assets from requirements definition through software development, with visibility into manual and automated functional testing, performance testing, overall quality, and defects, leading to an assessment of readiness for delivery. ALM Octane integrates with upstream project portfolio management software and downstream application release automation, continuous deployment, monitoring, and incident management software to drive complete visibility and management of applications from inception to retirement.

ALM Octane Features

Plan: Predictable application delivery requires awareness of progress and alignment with goals and milestones, as well as the ability to access updated information without relying on error-prone manual data gathering. The ALM Octane platform allows teams to assess the

status quickly within their context and access the right data to make the correct decisions.

Understanding business needs is the most critical piece of data any project team can have. ALM Octane has integrated agile user stories and backlog management directly into the ALM software platform. Through this, teams can quickly document business needs and map them to supporting artifacts in the software development lifecycle, such as defects or tests.

Build: High-velocity teams realize that a quick understanding of what went into a build and where to triage is an effective means to faster application delivery. ALM Octane integrates directly into your Jenkins continuous integration and build environment, so you can quickly view release and quality pipelines, as well as adjust as new or changing validations and regression tests are created.

Test: Consistent quality is critical in any application being delivered to support your business. The ALM Octane platform provides the

ability for teams to author tests using Gherkin, assists in the conversion of automated scripts and manages the execution of your test suites. ALM Octane allows you to execute functional tests from StormRunner Functional and Performance Tests from StormRunner Load, and the results of these tests are visible in ALM Octane. Whether you're planning your tests within the context of a continuous integration pipeline or executing regression tests on the fly, with ALM Octane you can view aggregated quality within the context of your entire application.

Track: Whether you want to log a defect during a regression test, or review the status of a test or user story, ALM Octane provides information tailored to your context. Customizable reports, graphs, and dashboards help the team stay on top of critical items and with prioritization.

StormRunner Functional

StormRunner Functional is a SaaS solution that allows engineers to test their web and mobile applications intelligently and continuously, with an optimized return on investment.

StormRunner Functional Features

Hassle-free functional testing: StormRunner Functional lets you run tests against hundreds of browser and operating system combinations with just a few mouse clicks. StormRunner Functional maintains and manages the test lab so you don't have to.

Advanced root cause analysis: StormRunner Functional reports help you to investigate and isolate issues in your app, and submit any defects you find to ALM Octane and other lifecycle management tools.

One-stop shop: Run automated or exploratory tests using Micro Focus products, such as Unified Functional Testing (UFT) and LeanFT/ UFT Pro, or go open-source with Selenium and Appium.

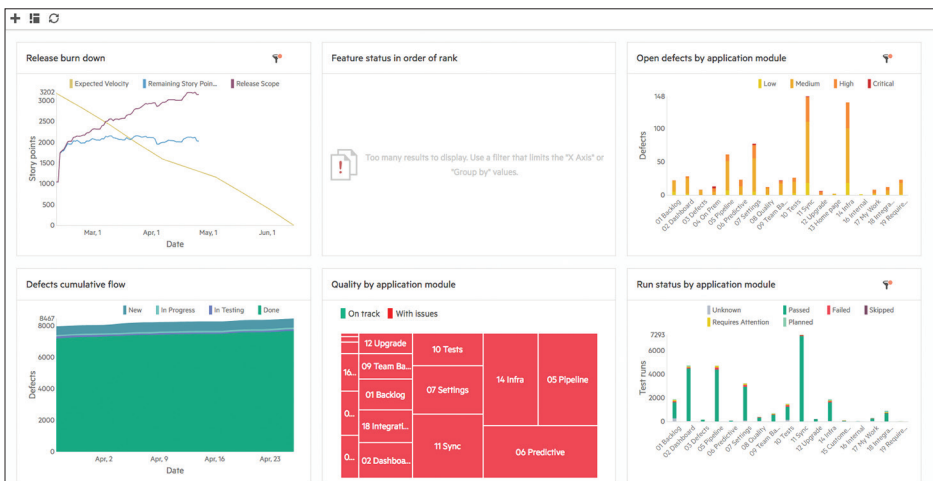


Figure 1. End-to-end visibility through ALM Octane's dashboard

StormRunner Load

With its smarter approach to testing, StormRunner Load makes it easy to plan, run, and scale your testing for web and mobile apps. StormRunner Load is a 100 percent cloud-based load-testing service that supports web and mobile protocols. It is at once simple, smart, and scalable.

StormRunner Load Features

Simple: StormRunner Load makes it easy to design and create load tests. From the point at which you sign up for the service, you can start your first load test in less than 10 minutes. With StormRunner Load, your agile performance testing team can now start mobile app and website load testing in the cloud much earlier in the project. Your developers don't have to wait for performance engineers to become available for testing. They can run tests for themselves, in the course of each sprint, to accelerate the velocity of your project and the quality of the released software. Your

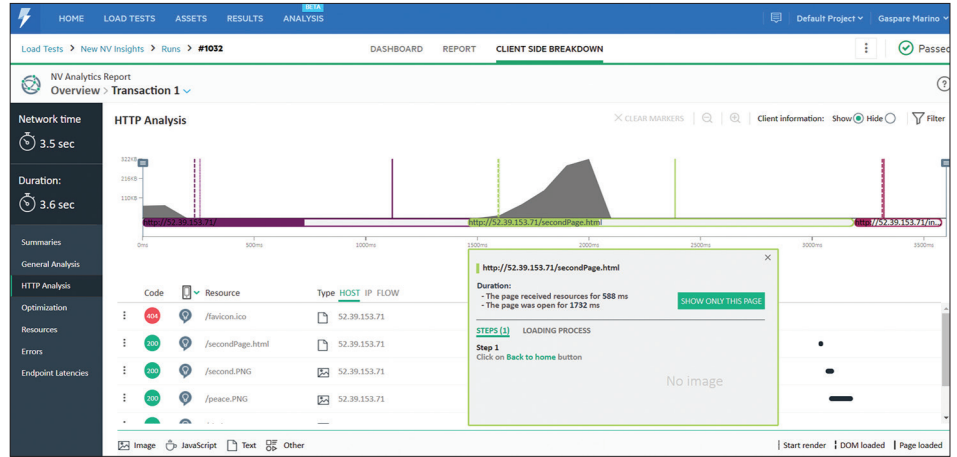


Figure 3. Client-side breakdown in StormRunner Load helps optimize network traffic

developers can use open source scripting tools like JMeter and Gatling, or integrate with their continuous integration platforms using Jenkins or AWS CodePipeline to automatically run test in the agile cycle.

Smart: StormRunner Load is smart. It uses predictive analytics to help you understand anomalies and problems in real time. With the benefit of intuitive analytics, you can easily interpret the test results to identify the performance profile of the application and then determine your mitigation options. In the testing process, StormRunner Load captures valuable metrics on how your application behaves under different virtual user loads. StormRunner Load provides robust, real time analytics, with extensive reporting capabilities.

By integrating with Micro Focus and other monitoring and analytics tools such as SiteScope, Dynatrace, and New Relic, you can measure hundreds of metrics in each test run.

Scalable: StormRunner Load can scale to HUGE. It automatically enables you to scale your load-testing solution to more than 1 million virtual-user load tests. With a self-driving test lab at your disposal, your teams don't have to waste time and energy managing your testing infrastructure. It's automatically created on demand to meet the needs of your specific test, saving your team time and money.

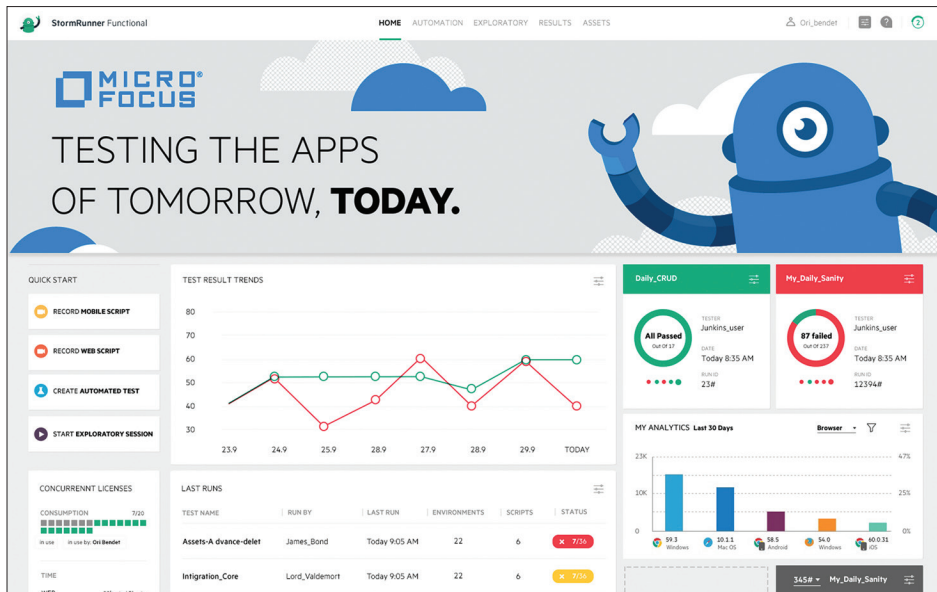


Figure 2. Understand what needs to be tested with StormRunner Functional's powerful analytics

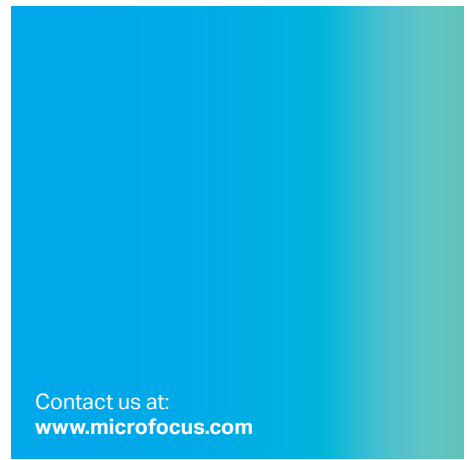
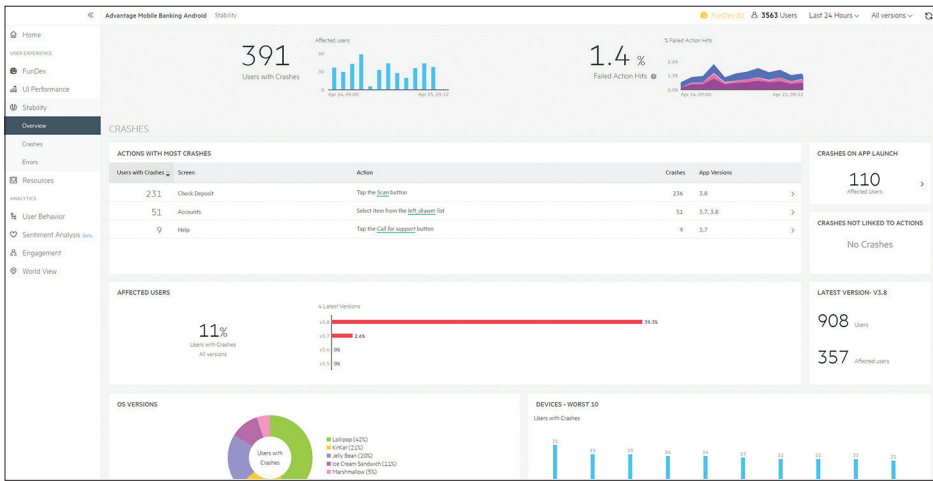


Figure 4. User engagement measured in AppPulse Mobile

AppPulse

Micro Focus AppPulse Suite is a SaaS application performance management solution that helps application developers understand users and their experiences. It automates and accelerates the process by which they deliver and adapt user-focused applications. And it lets them isolate user experience (UX) issues—from user actions down to the line of code—to achieve high-velocity releases with quality. AppPulse Suite is actually four products: AppPulse Active, AppPulse Mobile, AppPulse Web, and AppPulse Trace, which together give you end-to-end visibility into the UX. Application teams can quickly isolate problems that negatively impact the UX and drill down to the root cause—from user actions, to network issues, down to the line of code or specific transaction log. The result: teams can achieve both the velocity and the quality required to meet user expectations and business objectives.

AppPulse Features

Synthetic Monitoring: AppPulse Active helps you to enhance your UX and meet your Service Level Agreements (SLAs) by using synthetic monitoring to proactively emulate real user performance and availability information.

Real User Monitoring: AppPulse Mobile tracks the digital UX screen-by-screen, and provides a single, meaningful UX score. Know where users entered and exited the app, and everything that happened to them along the way. AppPulse Mobile lets you open a defect directly in ALM Octane, which is automatically populated with the information gathered by AppPulse Mobile, such as logs, environment details, and other relevant details.

Web Performance Monitoring: AppPulse Web reduces triage time and cost by identifying availability issues with web apps by drilling down from a specific user error to the line of code on the server side.

Transaction Analytics: AppPulse Trace isolates performance problems to the line of code or the specific log message for the transaction by tracking end-to-end transaction flow through all service tiers.

Learn More At

- www.microfocus.com/alm-octane
- www.microfocus.com/apppulseactive
- www.microfocus.com/apppulsemobile