# New Relic for DevOps

Deploy More and with Greater Confidence

Companies that incorporate DevOps practices get more done, plain and simple. They deploy code up to 30 times more frequently than the competition, and things go wrong less often. But that success depends on many factors, including the ability to accurately monitor all the changes going on in your (likely polyglot) environment. Your operations team needs a software analytics solution that supports continuous development and testing, as well as increased collaboration, communication, and integration.

New Relic provides the data you need to measure and monitor the new features the Dev team delivers, while ensuring the stability that the Ops team is in charge of. As a DevOps-driven company itself, New Relic understands the specific challenges software teams are facing, and have built specific features with agile app delivery in mind.

## Triage App Problems Fast

New Relic offers the following features to help you deliver features faster, maintain stable operating environments, and gain more time to add value.



### Application Server Overview

The Application Server Overview dashboard is your point of entry when looking at the overall health of a specific application. The dashboard displays high-level information, including response times, Apdex scores, throughput (requests per minute), web transactions, error rate, recent events, and server information. All of this data is shared through a single pane of glass, which is useful for everyone, whether you're part of the Dev team or Ops team.

## Browser Monitoring

Browser Monitoring provides valuable insights into the actual experience users are experiencing on your site. It gives you details around JavaScript errors, AJAX timing, and lets you manage end-user performance with breakdown by browser, location, device, and more–all in real time. The data New Relic collects comes from actual users on your site, so you know you're looking at the real deal. Browser Monitoring allows you to continuously deploy new code, check how the end user is impacted, and ensure the code didn't disrupt anything.

## Errors Dashboard

DevOps-centric teams are primarily tasked with getting software to users more rapidly, and insight into errors helps make that happen. The Errors dashboard shows a chart with the error rate percentage for the selected time period, along with a list of error messages. You can view and drill down details, use search and sort options, hide
or delete the error, share it with others, or file a ticket about it. Think of it as a collaboration tool to understand what errors occurred and how to fix them faster.

## Transaction Traces

A huge part of being agile is having the ability to pinpoint and solve performance issues rapidly with minimal disturbance. Transaction Traces provide deep visibility into the cause of application performance issues down to the tiniest detail. You can access code-level diagnostics, including SQL call details and explain plans, and don't forget those full stack traces.

## Cross Application Tracing

You may have complex environments with service-oriented architectures, where one bottleneck is affecting multiple applications and transactions. Cross Application Tracing makes it easy for DevOps–focused teams to get to the root cause of a problem and get it in front of the right person quickly.

## App Map

The App Map helps you keep an eye on all the moving pieces of your application. You can quickly pinpoint pain areas and understand if issues are being caused by your code or a third-party service your app is calling out to. That means no more guessing which services are causing your application to be slow.
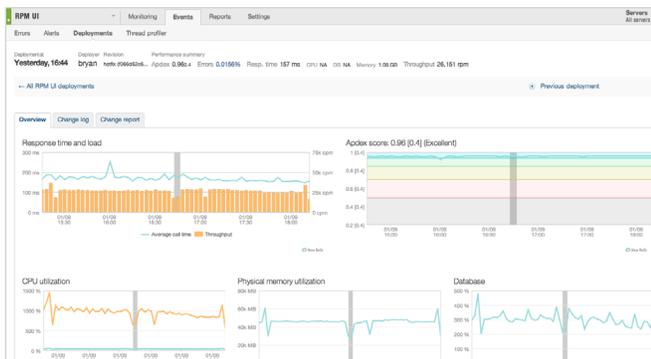


## Deployment Reports

Your mission: to get great, new code out the door as frequently as possible. One way to stay in tune with how all these changes reports list recent deployments and their impact on end users and app servers' Apdex scores, along with response times, throughput, and errors. You can also view and drill down into the details and catch errors related to recent deployments, or file a ticket and share details with your team.
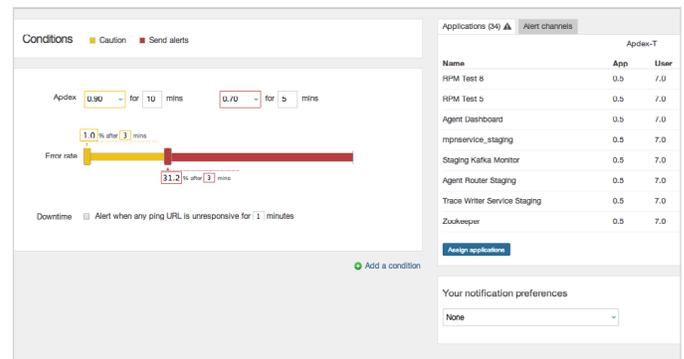
## Alerting

Modern software teams are constantly deploying, making it critical to constantly monitor and know what's going on in their environment. New Relic lets you easily create Alert Policies to set thresholds for groups of applications with similar alerting needs. You can manage alert channels by creating specified user groups or leverage New Relic's integrated channels, such as HipChat, Jira, PagerDuty, and Campfire. We also offer a handy iOS mobile app, so that there's never a moment when you don't have visibility into the responsiveness and availability of your service.

## Platform Plugins

An agile team knows to use the right tool for the right job, but there are more pieces making up a modern day stack than most tools can provide insight into. That's why New Relic leverages third-party technology providers' open APIs to offer you the New Relic Platform. In Plugin Central, you can integrate additional monitoring capabilities to the New Relic dashboard. If you don't see a plugin you need, you can easily create and deploy new plugins for your own use (or for sharing with our thousands of customers).

### Increase the Effectiveness of Your Team

With New Relic, DevOps-focused teams enjoy the following benefits:

- Accelerated problem resolution
- Faster delivery of new features
- More stable operating environments
- Greater collaboration
- More time to focus on what matters

"When you're building software in an agile environment, it's easy to overlook simple fixes during the initial build. New Relic pointed us to some of the blind spots that had emerged during our first few months of work. And within a few days, we'd increased our response time across the board by 90 percent."

**Jason Kunesh**
Director of User Experience,
Obama for America

### Why New Relic

New Relic is a software analytics company that makes sense of billions of metrics about millions of applications in real time. Our comprehensive SaaS-based solution provides one powerful interface for web and native mobile applications and consolidates the performance monitoring data for any chosen technology in your environment. When your brand and customer experience depend on the performance of modern software, New Relic provides insight into your overall performance.

Get insight into app errors and isolate the root cause

See page load times, get error rates, track slow transactions& monitor the full list of servers running your app

Easily deploy New Relic's agent and start seeing data in minutes

You'll receive your exclusive t-shirt after deploying.

Learn how New Relic can help your team embrace DevOps. Visit: http://newrelic.com/dev-ops