



## Get unprecedented performance from your Red Hat applications and solutions

You rely on Red Hat when developing enterprise applications and platform-as-a-service (PaaS) solutions. AppDynamics' partnership with Red Hat ensures optimized application performance, improved DevOps collaboration, and enhanced analytical insight—for the best business results.

### Cash in on today's boundless digital opportunities

A massive market and technology transformation has opened new doors to boundless and highly lucrative digital opportunities. Software-driven enterprises are being built on a new generation of cloud-based applications to gain an advantage over competitors and deliver clearly superior user experiences.

These next-generation applications exploit the expanding connections among users and tens of billions of devices in the exploding Internet of Things. This is enabling exciting new products and services, breakthrough processes, and key insights into individual needs to enhance consumer satisfaction.

Unfortunately, complex cloud environments also come with increased risk. Servers fail unexpectedly. Crisscrossed topologies present a tangled web of things that can go wrong. And it isn't enough for an application to be merely innovative. It must be designed and deployed in a way that you can easily manage and ensure that transactions and interactions are flawlessly handled—to achieve business success.

### Bringing AppDynamics' industry-leading application intelligence to Red Hat customers

Red Hat is playing a key role in driving digital enterprises with its acclaimed PaaS solutions and enterprise middleware. Red Hat's popular OpenShift PaaS platform and JBoss Middleware deliver accelerated development, improved efficiency, and greater choice for both private and public cloud computing. But with cloud's increased complexity, more is needed.

AppDynamics' close partnership with Red Hat lets you rapidly develop and deploy the applications you need while optimizing performance at every phase of the software lifecycle.

- **Monitor and manage your applications on Red Hat to maximize performance—** With AppDynamics' superior application intelligence instrumented into your Red Hat apps, cloud complexity is simply not an issue. Use AppDynamics built-in application intelligence to efficiently auto-discover, monitor, and manage end-to-end business transaction performance. So you can consistently meet end-user expectations and service-level agreements (SLAs), while also raising your ROI on development costs.

#### KEY FEATURES

- Inject AppDynamics application intelligence to optimize Red Hat-based applications
- Develop high-performance apps faster using OpenShift by Red Hat and JBoss Middleware
- Rapidly migrate existing Red Hat-based apps to private clouds with reduced risk

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*Craig Muzilla, Senior Vice President of Applications Platforms Business, Red Hat*

- **Accelerate the delivery of performance-optimized applications**—Your goal is to use Red Hat solutions to develop and deliver breakthrough apps, quicker and at the lowest possible cost. AppDynamics helps you meet that goal by rapidly resolving application issues in every phase of development. At dev/test. In staging and deployment. And in production. This helps your DevOps team and LOB managers work more efficiently together. It also provides accurate data the team can confidently use for more effective decision-making, streamlined automation workflows, and better outcomes throughout the software lifecycle.
- **Ensuring successful migration of existing Red Hat apps to the cloud**—When you migrate your existing, business-critical applications into a private cloud environment, you need to ensure they will perform as they did on your previous platform. Together, Red Hat and AppDynamics provide optimum speed and efficiency while applying industry-best application intelligence and baselining to ensure that your migrated applications operate as well or better in the cloud than in their previous environment.

### AppDynamics integration with Red Hat OpenShift

Choose Red Hat OpenShift Enterprise for your PaaS environment and you'll benefit from AppDynamics' market-leading application intelligence—instrumented right into your apps.

AppDynamics and Red Hat have created integrated components with OpenShift that include built-in application intelligence. These components not only include all the required libraries, source code, build mechanisms, and connection and routing logic as part of a preconfigured application environment, but they also now automatically inject AppDynamics agents into your applications. This gives you instant access to improved visibility and monitoring at the code level—with very little overhead—for the ultimate performance.

In the latest version (OpenShift Enterprise 3), Docker container images are natively leveraged to do the heavy lifting. Each container provides app server images instrumented with AppDynamics intelligent agents. This lets you develop and deploy private cloud applications using the OpenShift by Red Hat PaaS platform and rely on AppDynamics' application intelligence to effectively monitor and manage the performance of your environment.

### AppDynamics integration with Red Hat JBoss

The AppDynamics partnership with Red Hat also offers significant benefits to those who use JBoss Middleware to accelerate the way Java applications are built, tested, and deployed. AppDynamics injects bytecode into your JBoss apps as you develop and deploy them within the JBoss Enterprise Application Platform (EAP)—a fully certified Java EE platform.

This means that transactions in private environments created with Red Hat's OpenShift PaaS or running on JBoss application servers can be automatically discovered and monitored end-to-end through AppDynamics agents instrumented right into the JBoss software. AppDynamics also captures essential metrics that help you track the health of your JBoss application servers and OpenShift PaaS environments. And you get an in-depth view of memory usage by your Java virtual machines with the help of AppDynamics' analytical insights.

### AppDynamics ensures that your Red Hat applications will deliver—every time

With your digital enterprise powered by the apps supporting your products, services, and business processes, it's essential that your software consistently delivers. AppDynamics assures it.

Red Hat is the world's leading provider of open-source software solutions for software-driven businesses and cloud computing. AppDynamics is the leader in application performance management. The partnership between Red Hat and AppDynamics offers a comprehensive application intelligence platform built right into Red Hat platforms and tools. This helps you maximize your business and application performance and ensures that you can deliver a high-quality user experience and achieve new levels of success.

#### WHY APPDYNAMICS

- Gain complete visibility into the performance of all transactions and user interactions
- Simplify monitoring and management of apps and resolve issues quickly
- Optimize performance at every phase of the application lifecycle

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Learn more about the AppDynamics and Red Hat partnership at: [appdynamics.com](http://appdynamics.com)