

Put Datadog Observability Insights into Intelligent Action

StormForge Optimizes Kubernetes Resources, Application Performance, and Cost



BENEFITS OF STORMFORGE AND DATADOG KUBERNETES INTEGRATION

- Improve resource efficiency and eliminate cloud waste for Kubernetes workloads
- Optimize cost savings and application performance at scale
- Accelerate intelligent action with a single pane of glass
- Automate optimization with AI and Machine Learning
- Achieve fast time to value with rapid and easy deployment
- Improve user experience and consistently meet SLO and SLAs

Optimize application performance and resource utilization while reducing cloud resources costs

Cloud-native Kubernetes applications have become core to business transformation and an organization's ability to accelerate and improve service delivery and business agility. At the same time, cloud native applications, containers, and Kubernetes have also introduced complexity that often hinders scalability and performance. This complexity has led developers to frequently over-provision resources beyond what is actually needed to deliver reliable, stable performance for a positive user experience - which drives up costs and diminishes the savings that cloud can offer. The increased complexity of managing virtual machines, containers and applications requires new technologies to ensure smooth operation, automation and performance that scales. This has led to a proliferation of tools that help identify and alert IT of issues affecting application performance.

The increased use of observability tools has resulted in an exponential growth in data collection and insight, however it's not always clear what actions to take based on that data. Dashboards and greater visibility into the health of cloud native apps and Kubernetes environments have improved insights, but to truly get the most out of applications and investments, teams need to turn observability and insights into intelligent action.

By combining Datadog's leading monitoring service for cloud-native applications with StormForge's machine learning-powered solution for cloud-native application performance and resource optimization, DevOps and business teams can optimize resources, cost savings, and application performance at any scale all from one single interface.

Get the most out of your Datadog investment with StormForge

StormForge leverages the wealth of data you're already collecting from Datadog to turn observability into actionability. Our integration enables StormForge to access metrics collected by Datadog and, using StormForge machine learning, provide recommendations for configuration changes that will minimize resource waste and improve performance.

StormForge makes it easy to optimize your Kubernetes environment:

- Deploy StormForge in under an hour, begin receiving recommendations based on production observability data in less than a day
- Simplify optimization with a holistic approach that combines pre-production experimentation and scenario analysis with real-time configuration recommendations based on production data
- Accelerate action with a single, integrated pane of glass to view ML-driven recommendations alongside the rest of your observability data
- Tune application configurations to reclaim resources, reduce cluster size and free-up resources for developers and projects

By recommending optimized configurations for Kubernetes applications, StormForge helps Datadog customers proactively and automatically ensure operational efficiency and intelligent business trade-offs between cost and performance without time-consuming, ineffective trial-and-error.

StormForge combines proactive pre-production and production optimization in one Machine Learning-powered platform

StormForge is the leader in Kubernetes application optimization. Purpose-built for Kubernetes, the StormForge platform makes it easy to achieve cloud resource efficiency

at scale by combining enterprise-grade performance testing with machine learning to optimize applications automatically. The result is a significant increase in application performance and developer velocity, with much lower costs.

StormForge Optimize Live: StormForge Optimize Live integrates with the Datadog platform to analyze observability data and optimize applications running in Kubernetes in near-realtime. By leveraging machine learning to adjust CPU and Memory parameters, Optimize Live reduces resource waste and ensures that applications request only the amount of resources they need based on actual activity, making the most of observability data already being collected.

StormForge Optimize Pro: StormForge Optimize Pro integrates with the Datadog platform to query metrics and drive intelligent business trade-offs through multi-dimensional application optimization. Optimize Pro rapidly conducts and analyzes experiments against hundreds of application parameters in your non-production environment so that cross-functional stakeholders can understand and anticipate application performance and cost before deploying into production. This streamlined process boosts operational efficiency and application reliability without time-consuming manual tuning.

StormForge intelligently and automatically analyzes, informs, optimizes, and operates throughout the entire cloud-native development cycle to help organizations realize the promise of Kubernetes.

Discover the advantages of StormForge and Datadog

Experience how StormForge can help you turn Datadog insights into actionable business impact. The StormForge and Datadog integration is now available on the Datadog Marketplace. In addition, Datadog and StormForge platforms are both available on AWS Marketplace.

Start your free trial today.

Visit www.stormforge.io

About StormForge

StormForge brings together world-class data scientists and software engineers to enable businesses to drive breakthrough IT and operations efficiency. The StormForge Platform is set apart by its unwavering focus on building AI-powered software products that are designed to help people, not replace them. The StormForge Platform uses enterprise grade performance testing coupled with machine learning to drive major application performance gains and cost reductions in complex environments. In February 2020, StormForge announced funding from Insight Partners to accelerate the growth of its Platform. StormForge was founded in 2015 and is based in Boston and Washington, DC. Learn more at www.stormforge.io.

About Datadog

Datadog is the world's leading monitoring service for cloud-scale applications, bringing together data from servers, databases, tools, and services to present a unified view of your entire stack. These capabilities are provided on a SaaS-based data analytics platform that enables Dev and Ops teams to work collaboratively to avoid downtime, resolve performance problems, and ensure that development and deployment cycles finish on time. Since launching in 2010, Datadog has been adopted by thousands of enterprises including Airbnb, Atlassian, Netflix, PagerDuty, Salesforce, Twilio, Warner Bros, and Zendesk.