

## INTRODUCTION

*Everydayhero is a global fundraising platform that allows people to track and share their charitable activities and visualize their giving journey over time. The platform is integrated with applications and services that easily enable members to record and review volunteer hours, time and effort spent training, stories shared and money raised. Its partners include MapMyFitness, VolunteerMatch, Facebook and Twitter. Ensuring Everydayhero's environment is operating at peak performance is crucial: if users aren't able to access a fundraising page their contributions are potentially lost.*

## LIFE BEFORE SYSDIG CLOUD

Everydayhero had limited visibility into their environment and were unable to pinpoint the root cause of performance bottlenecks that periodically surfaced. "Before Sysdig Cloud we didn't have the visibility to identify issues, so we didn't have a good idea of how many performance problems we actually had," said Daniel Sowter, Manager, Engineering at Everydayhero. Their recent efforts to migrate to AWS and incorporate containers as the backbone of their infrastructure only increased complexity and made management even more difficult.

In addition, Everydayhero was having issues understanding utilization across their containerized infrastructure, meaning they were unable to efficiently scale up and down in their elastic environment. Not enough capacity meant a subpar customer experience. Having too much capacity was cost prohibitive in the long run.

It became apparent that a tool was needed to provide rich container and system visibility to surface key utilization metrics that could help with capacity planning and troubleshooting.

## CHOOSING SYSDIG CLOUD

When evaluating monitoring solutions, Everydayhero had four important criteria:

### 1. CONTAINER VISIBILITY

Since Everydayhero was going all-in on container technologies, they needed a monitoring solution that provided deep visibility into containers and how they interact with other components in the infrastructure. Going beyond basic resource usage metrics was a key requirement.

### 2. DEEP SYSTEM METRICS

Understanding fine-grained system-level metrics was essential for Everydayhero. Seeing the utilization for all nodes in their environment was particularly critical, as that informed their capacity planning process.

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## WHY SYSDIG CLOUD?

- Deep visibility into containers
- Rich system metrics
- Easy installation
- Holistic view of environment

## KEY BENEFITS

- Rapid issue identification
- Streamlined troubleshooting process
- More efficient capacity planning

## QUOTE

"After using Sysdig Cloud, we started to quickly eliminate potential root causes and pinpoint the actual reason performance issues were occurring."

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### 3. EASY INSTALLATION

Everydayhero needed a solution that would be easy to deploy and maintain over time. Getting deep visibility inside their containerized infrastructure without needing to instrument every container was important to their team.

### 4. HOLISTIC VIEW

The solution would need to offer an overall view of Everydayhero's environment and allow the team to drill down into particular areas of interest. Understanding the full context of what was happening in their environment at any point in time would enable proactive performance management.

After evaluating Sysdig Cloud, the Everydayhero team realized that the solution could address all of these requirements and much more.

## LIFE AFTER PURCHASING SYSDIG CLOUD

Sowter and his team are very happy with their decision to purchase Sysdig Cloud, as it has enabled more efficient troubleshooting. "After using Sysdig Cloud, we started to quickly eliminate potential root causes and pinpoint the actual reason performance issues were occurring," said Sowter. One particularly frustrating issue - resolved by using Sysdig Cloud - involved workers inside containers running periodic reports that would result in 10x the normal level of CPU usage. "We thought it might have been an increase in traffic at first, but we were able to eliminate that possibility pretty early on," said Sowter. Because his team was able to see inside the containers and correlate the usage spike with the rest of the activity across their environment, they found the issue and were able to implement a fix.

The rich container metrics also give Everydayhero the data points needed to optimize utilization. By being able to monitor, alert, and troubleshoot resource usage across all layers of their containerized infrastructure, Everydayhero has access to the information needed to make data-driven capacity planning decisions.

Sowter's favorite part about leveraging Sysdig Cloud internally? "Before using Sysdig Cloud, we had a difficult time understanding how our Docker containers were interacting with other components of our infrastructure. Sysdig Cloud is the only solution that delivers the unique ability to see inside containers without instrumenting the containers themselves. This elegant approach fits naturally into our microservice architecture, and gives my team the insight we need to monitor and troubleshoot our new containerized environment confidently and efficiently."

*Try Sysdig Cloud for free today at [sysdig.com](https://sysdig.com)*

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### QUOTE

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