“Our engineers are now one-click away from accessing cloud cost data inside their CD platform.”

“Developers can now contextualize cloud cost relative to their applications and microservices.”

Nick Wilson,
VP TechOps
GoSpotCheck Empowers Developers with Cloud Cost Visibility thru Harness Continuous Efficiency

About
• Nick Wilson, VP TechOps at GoSpotCheck
• David Sudia, Senior DevOps Engineer at GoSpotCheck
• GoSpotCheck’s real-time execution management platform empowers field teams to collect merchandising, sales, and compliance data—in addition to completing tasks in the field

Compelling Events
• Building new cloud-native microservices with Go, containers, Kubernetes and GCP

Cloud Cost Challenges
• Limited visibility from existing solution meant engineering teams lacked adoption
• Lack of granularity and detail around cost of clusters, namespaces, workloads, nodes and pods
• Heavy dependency on adding and maintaining tagging for Google Cloud resources
• Lack of insight into idle costs of Kubernetes clusters to understand true utilization cost of assigned nodes within clusters
• Data collectors were heavily dependent on Kubernetes versions which created TOIL for engineers to fix tag mappings to clusters

Harness Continuous Efficiency Benefits
• Engineering teams can access cloud cost data natively within their Continuous Delivery platform so cost data can be democratized and consumed by everyone
• Complete context and visibility of cloud cost by Application, Microservice, Environment, Cluster, Namespace, Workload, Node and Pod
• No tagging required
• Developers can contextualize cost relative to their apps and microservices
• Proactive budgets and alerts set by application or microservice
• More accurately forecast cloud spend of new products launching in 2020

“We got limited value from our last vendor, cost lacked detail and was hard to make useful for our developers.”
Nick Wilson, VP TechOps

“With Harness CE I identified our search service Cluster was 95% idle. In a few minutes I updated our Kubernetes manifest hardware spec, redeployed it with Harness CD, and our cloud costs dropped 80% instantly.”
Nick Wilson, VP TechOps

CI/CD Ecosystem
• Go, Docker, Kubernetes
• Multi-Cloud - Heroku, GCP & AWS
• CircleCI, HashiCorp Terraform
• New Relic, Sumo Logic, Prometheus

Business Impact & ROI
• Identified 95% idle costs relating to a Search Kubernetes Cluster, and reduced cloud spent by 80% in just a few minutes by updating and redeploying the Kubernetes Manifest spec
• Cloud cost data is democratized so all engineers can be proactive in managing cloud spend

Harness is the industry’s first Continuous Delivery-as-a-Service platform that automates the entire CD process, keeps it secure, and uses machine learning to protect you when deployments fail.

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