



Capacity Optimizer Next Gen

Continuous, real-time, and autonomous optimization of clusters running Spark workloads or microservices.

Achieve Cost Savings Immediately

While many companies move to the cloud for the promise of reduced costs, 82% of respondents to a recent survey indicated that their top cloud challenge is managing cloud spend. Cloud spend can grow exponentially, especially for data intensive big data and Kubernetes workloads running on Amazon EMR and Amazon EKS where overprovisioning is common.

Pepperdata Capacity Optimizer Next Gen delivers you a complete picture of all your Amazon EMR or Amazon EKS clusters and their compute cost, along with the waste in each cluster. Armed with this information, your teams can decide where they want to optimize and by how much. Then, Pepperdata Capacity Optimizer goes to work autonomously reclaiming all that waste in real time, empowering your cloud clusters to continuously run at optimal efficiency—all without requiring manual tuning, application changes, or additional manual effort. In most cases, you will start to see savings immediately.

Benefit From Real-Time, Automatic Optimization

If you use a handful of instances in the cloud, an engineer might help you optimize that workload. However, with larger-scale operations, it is impossible to do what Capacity Optimizer Next Gen does. Capacity Optimizer Next Gen works directly with the native YARN or Kubernetes scheduler to make hundreds and thousands of decisions in real time, around the clock. Capacity Optimizer operates in the background, autonomously and continuously, optimizing your cloud environment in real time in a way that far exceeds what even the most diligent engineer would be able to accomplish.

Supported Environments/Workloads



Amazon
EMR



Amazon
EKS

Overview

LAST 30 DAYS

Total Compute Cost

\$154.2k

[See details →](#)

Pepperdata Managed Clusters

13 / 14

[View clusters to install →](#)

Potential Savings

\$18.9k

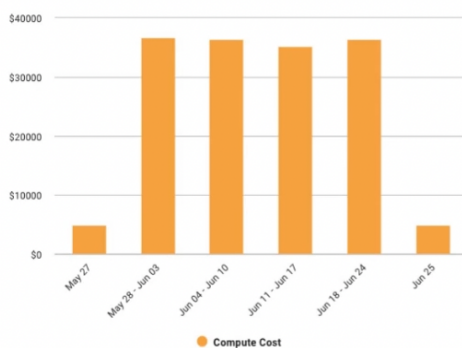
[See details →](#)

Realized Savings

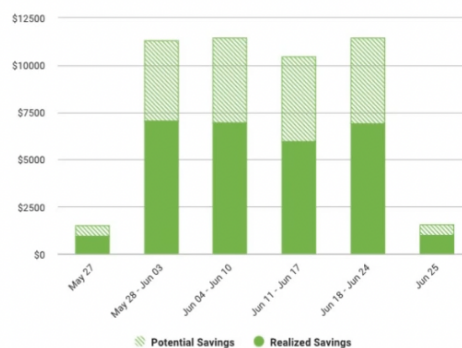
\$28.8k

[See details →](#)

Compute Cost



Savings



Amplify Your Application Efficiency

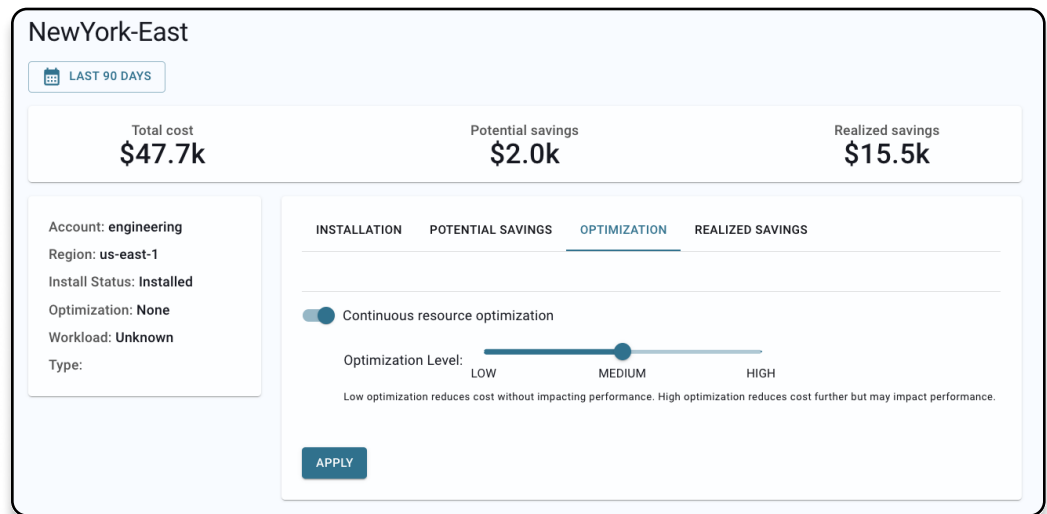
- Increase your node utilization
- Extract greater cost savings from your clusters
- Eliminate manual tuning and application code changes
- Reduce waste



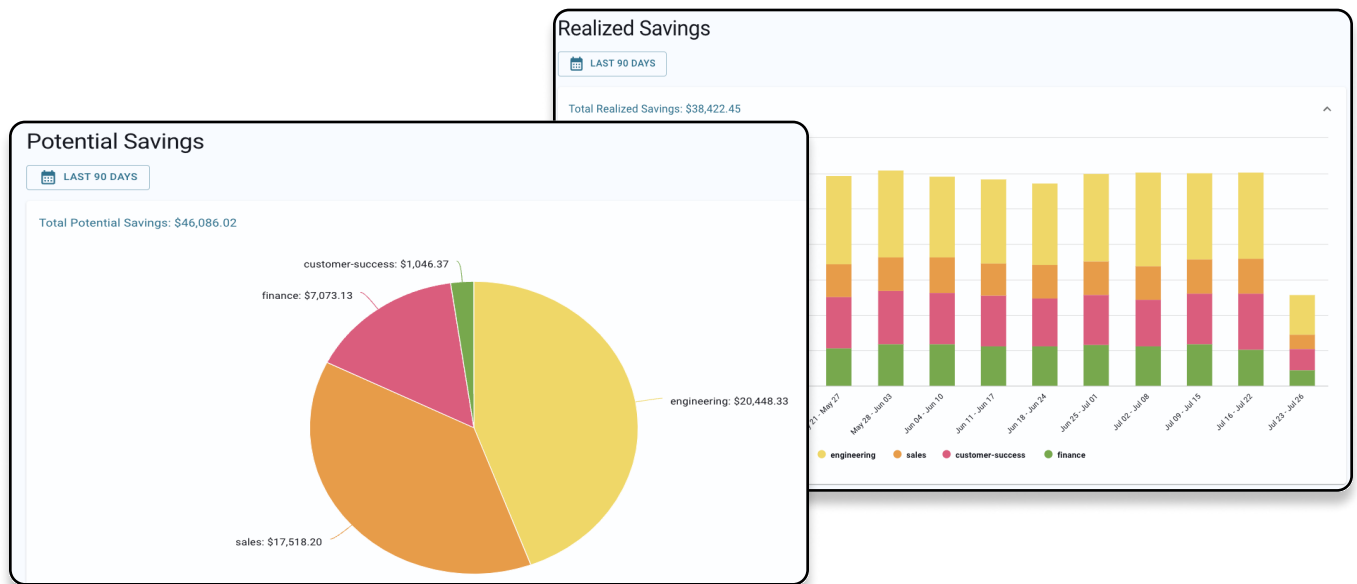
Gain the Financial Insight and Control You Need

Capacity Optimizer Next Gen enables you to control your optimization levels at a granular level and share financial insights across teams.

- Analyze and share visualizations of potential and realized savings by cluster, service, or line of business
- Choose your optimization level based on price/performance SLAs
- Optimize at the service or cluster level
- Visualize spending via pre-built daily and monthly roll ups
- Deliver management-friendly views to your exec team



Capacity Optimizer Next Gen supports both batch (e.g. Spark) and microservices optimization. It also provides a highly intuitive dashboard with a completely updated look and feel focused on cost and savings.



Capacity Optimizer Next Gen enables CIOs, CFOs, CTOs, and FinOps leaders to immediately see the current level of application optimization on Amazon EMR and Amazon EKS and choose the degree of optimization needed for each business unit at the service or cluster level.



About Pepperdata

Pepperdata is the only cost optimization solution that delivers up to 47% greater cost savings—continuously and in real-time—on Amazon EMR and EKS with no application changes or manual tuning. Our customers include the largest, most complex, and highly-scaled clusters in the world, at top enterprises such as Citibank, T-Mobile, Autodesk, Securonix, Royal Bank of Canada, and those in the Fortune 5. For more information, visit pepperdata.com.

Free Waste Assessment

Reach out to us at sales@pepperdata.com or visit www.pepperdata.com/free-waste-assessment to see how much application waste is in your environment.

