

# Kubernetes Metrics

Control the cost and noise of monitoring at scale. Analyze and aggregate your metrics at the source to capture your most useful observability data.

When monitoring applications running in Kubernetes, teams rely on a combination of custom metrics and out-of-the-box metrics libraries. Each library bundles up hundreds of unique metrics and populates your observability tooling. It's not uncommon to ingest millions of time series each minute.

Finding the right balance of data to satisfy your monitoring needs without going over budget can turn into a fool's errand. As a result, many of the ingested metrics are ignored, resulting in organizations paying – often exorbitant costs – to store data that are not useful nor ever used.

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**My whole job is to make developers' lives easier. If I have a product that can do that, like Edge Delta does, that is a win for me.**

Justin Head  
VP of DevOps  
Super League Gaming

## How Edge Delta Can Help

Edge Delta is a new way to do observability. Our distributed architecture processes your data as it's created. As a result, you can make observability costs predictable and surface the most useful insights to keep your applications up and running.



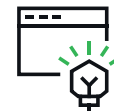
### OPTIMIZE METRICS INGESTION

Distill known metrics libraries to their most useful data. The result is a 90% reduction in time-series ingestion and better signal-to-noise ratios.



### RESOLVE ISSUES FASTER

Find the root cause in minutes without context switching. Correlate metric alerts to the relevant logs for faster post-detection resolution.



### GET UP AND RUNNING IN MINUTES

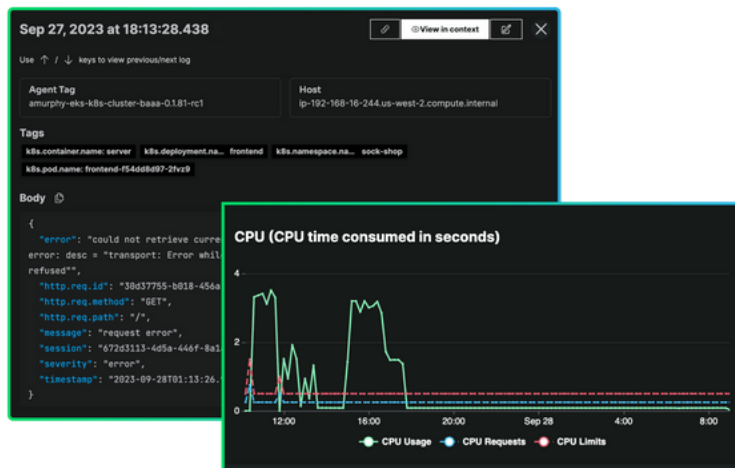
Interact with metrics via out-of-the-box views that help you hit the ground running and create custom dashboards to meet your unique needs.

# How Edge Delta Approaches Metrics

At launch, Edge Delta will automatically collect, analyze, and ingest the “golden signals” (latency, traffic, errors, and saturation), along with the kubelet, cAdvisor, and node-exporter libraries for each of your Kubernetes clusters.

At the point of collection (i.e., the agent level), we distill all 500+ possible metrics across supported metrics libraries into the ones that:

- Users access most frequently
- Have the greatest effect on Kubernetes infrastructure health
- Teams might want to alert on



This reduces the total number of metrics you ingest to roughly 50, capturing only the critical metrics for troubleshooting and quick resolution.

As always, we’ve prioritized performance with this release. The Edge Delta agent now uses eBPF to collect node-level metrics directly from the Linux kernel and maximize resource efficiency.

## Monitor Everything You Run in K8s For Free Up to 10GB Per Day



### 1. CREATE YOUR ACCOUNT

Visit [edgedelta.com](https://edgedelta.com) to get started for free.



### 2. DEPLOY THE AGENT

Run a simple command. You’ll be up and running in minutes.



### 3. SEE RESULTS

That’s it! Reap the benefits and we’ll handle the rest.