



# Applied Observability for Modern Applications

Epsagon's platform for applied observability enables teams to automatically detect, troubleshoot, and resolve issues within complex microservice environments. With a lightweight agent SDK, Epsagon provides automated instrumentation and full visibility for containers, VMs, serverless, and more with no training, manual coding, tagging or maintenance required.

[epsagon.com](https://epsagon.com)



“ When it comes to monitoring and troubleshooting, we completely rely on Epsagon and its automated approach. ”

**Ynon Cohen**, Engineering Team Leader at Via





# The Challenges of Achieving Observability for Microservice Architectures

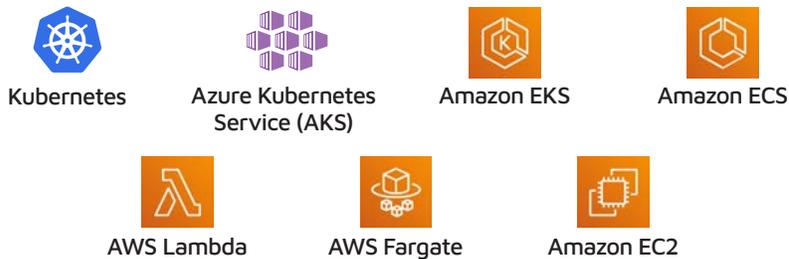
Given the growing adoption of public clouds and cloud microservices including containers, Kubernetes and serverless, developers need a full-depth, applied observability solution that automatically makes sense of complex data and delivers immediately actionable insights on performance, high-level infrastructure, service relationships, and cost. Some challenges that teams face include;

- **Highly distributed, cloud-native applications** with many components are hard to monitor, troubleshoot, and fix.
- **Basic logs and metrics are inadequate** for monitoring and fixing cloud applications.
- **Traditional APM solutions that rely on bytecode instrumentation** do not scale well in microservice environments as you move workloads to modern services such as Kubernetes, AWS Lambda, or AWS Fargate.
- **Lack of tool automation:** searching logs for what needs fixing is highly manual. Even open tracing frameworks require extensive training, manual implementation, and maintenance.
- **Making sense of application and architectural complexity** in Cloud 2.0 with its hyper-growth in data volume, more widespread adoption of hybrid container and serverless environments, and multi-cloud microservice architectures.

# Epsagon Delivers Applied Observability for the Most Complex Environments

Our SaaS solution automates manual monitoring with a lightweight agent SDK that allows you to customize alerting and dig deep into issues, enabling full observability for containers, VMs, serverless, and more with no training, manual coding, tagging or maintenance required.

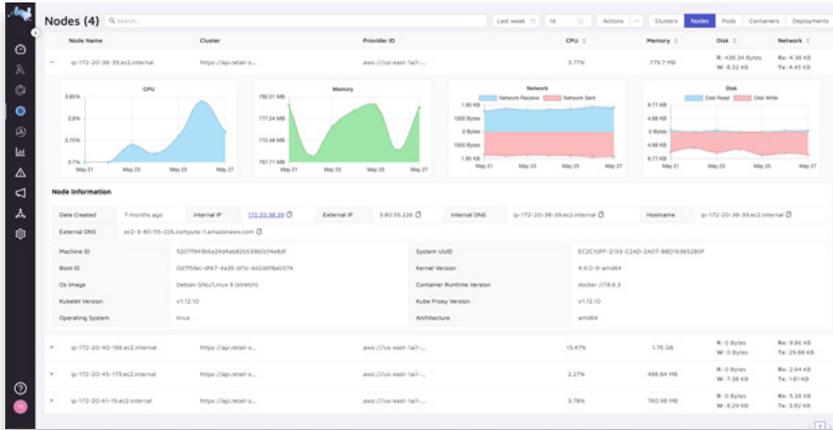
- Full automation: 5-minute setup, including auto-discovery of your cloud stack and auto-instrumentation.
- Flexibility: runs across any workload—Kubernetes, Azure Kubernetes Service (AKS), and Amazon EKS, ECS, Lambda, Fargate, and EC2.



- Easy and fast access to every transaction thanks to a lightweight agent SDK with no sampling.
- Automatic correlation of metrics, logs, traces, and payloads in a single platform, giving you all the data needed to fix issues in seconds.

# Performance in Clear View

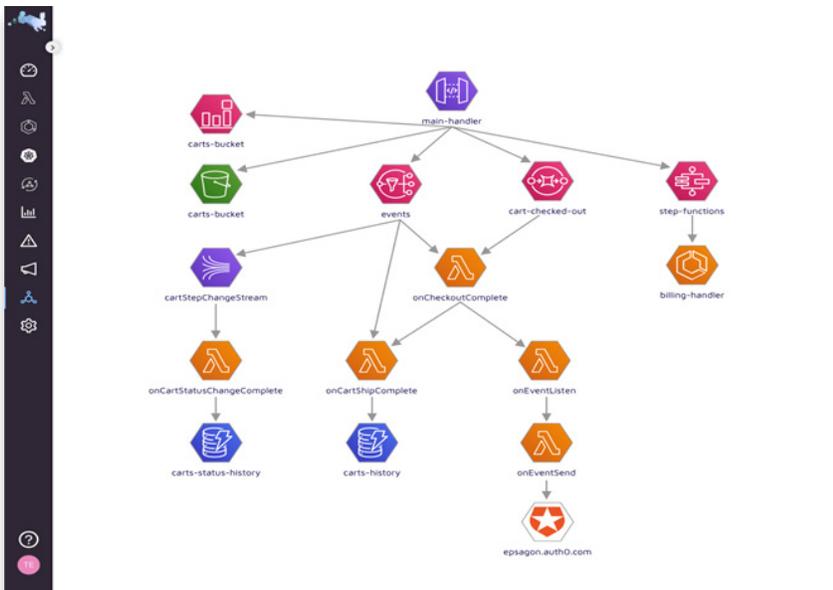
Epsagon offers out-of-the-box and customizable visual dashboards for Kubernetes including AKS and Amazon EKS; AWS ECS, Fargate, Lambda, and AppSync; and OpenWhisk.



These enable visual tracking, analysis, and display of key performance metrics to monitor environment health, plus automatic and custom alerting on expanded metrics like traces, user-defined resources and environment resources with a click of a button.

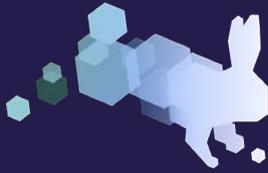
# See Everything in Production

From our Service Map view, you see how Epsagon connects every request in a transaction and automatically traces to the root cause.



You'll never miss a trace and can drill down to see the problem instantly with automatically correlated metrics, logs, traces, and payloads.





# epsagon

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