

# Kong Mesh Traffic Observability with Datadog

Webinar



# Welcome



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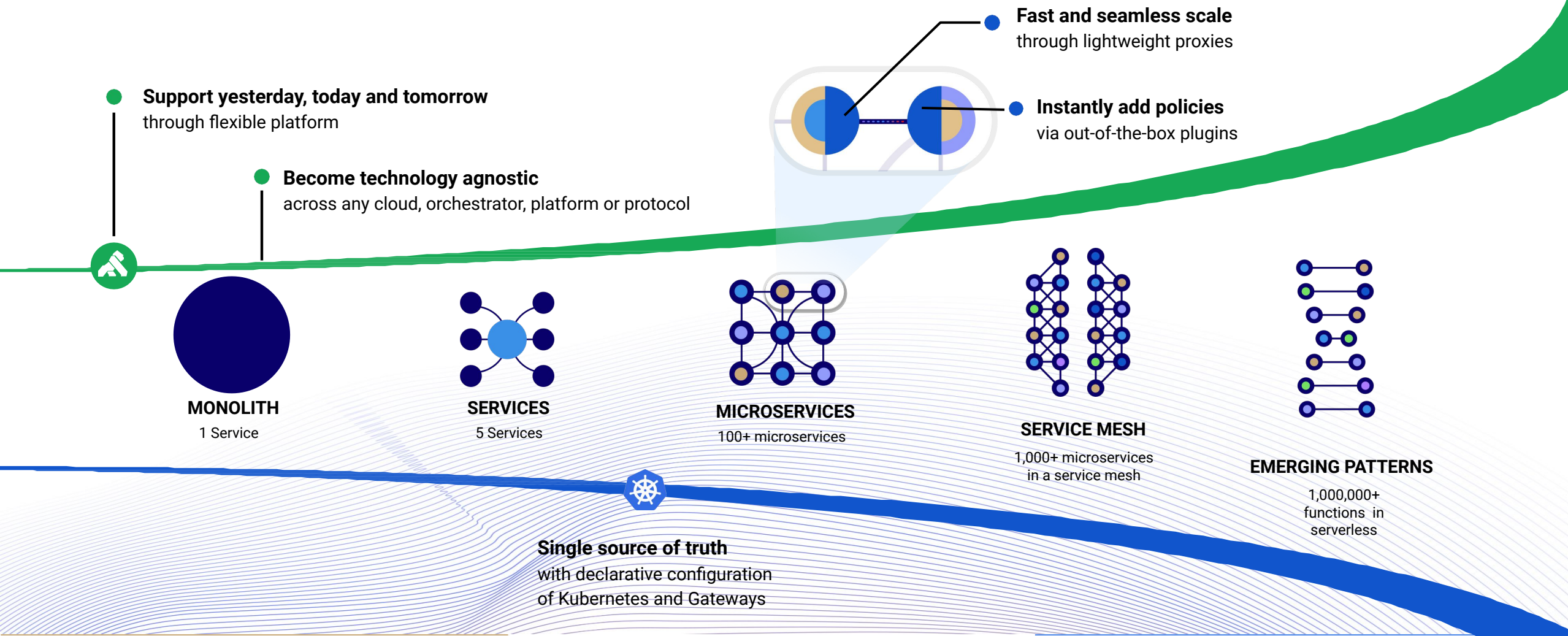


# Agenda

- Kong Mesh Overview and typical policies including mTLS, Traffic Route, Traffic Permission and Traffic Log
- Exploring the Datadog monitoring and observability for APIs and microservices.
- Demos
  - Monitoring Microservice deployment in Kong Mesh using Datadog.
  - Observing Service Mesh consumption.
- Q&A

# Accelerate Your Journey to Decentralization

Increase pace of innovation, gain new revenue streams, and lower TCO



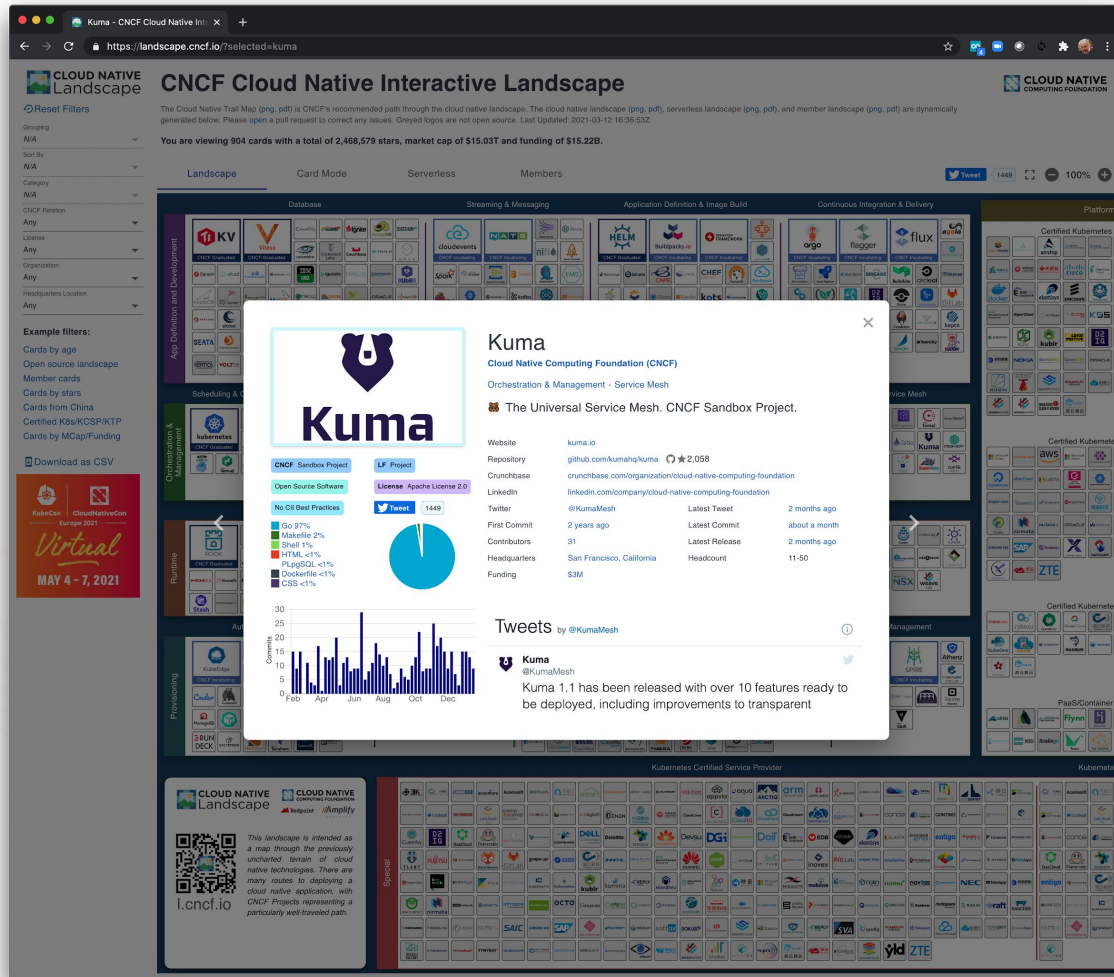


# KONG KONNECT

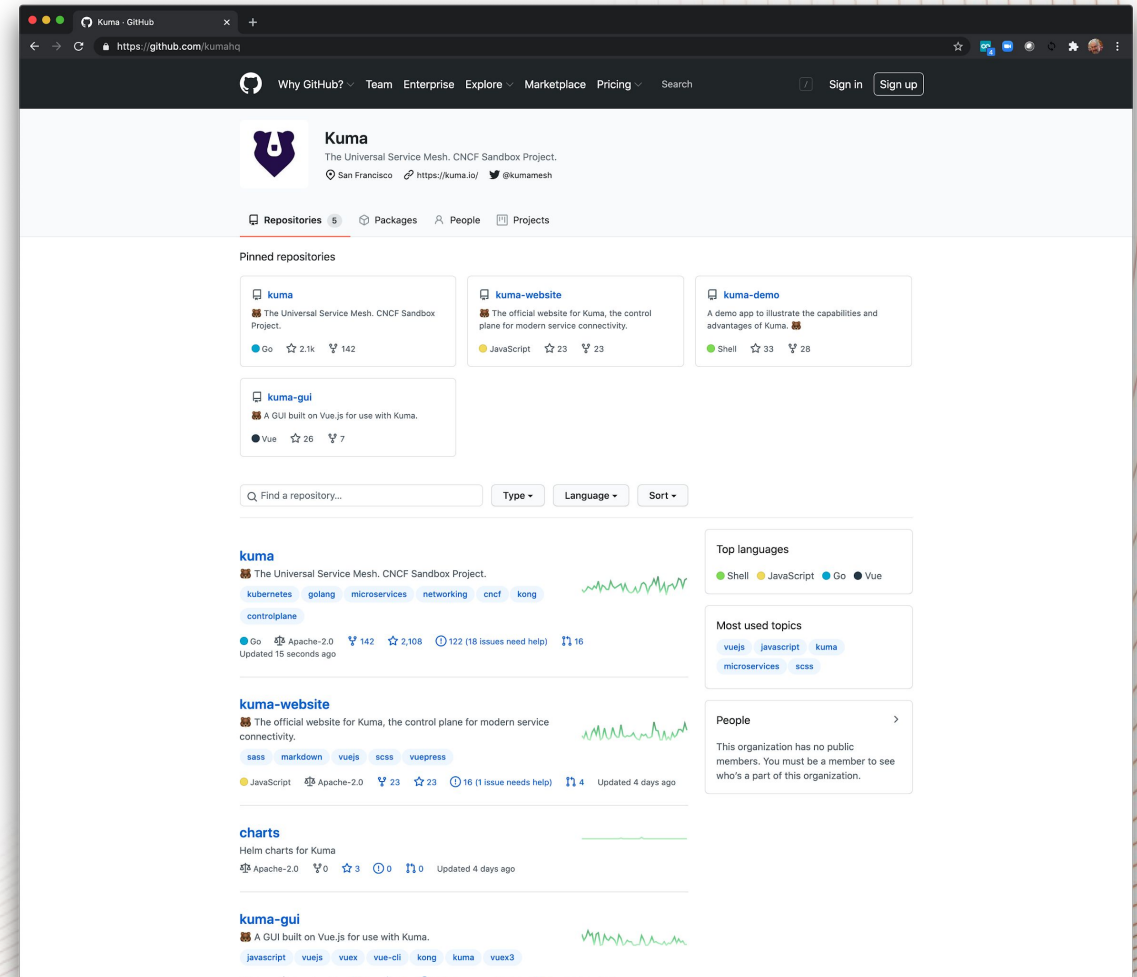


# Kuma & CNCF (Cloud Native Computing Foundation)

Open source Service Mesh Project started by Kong in September 2019 and donated to CNCF



<https://landscape.cncf.io/?selected=kuma>

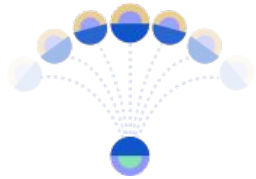
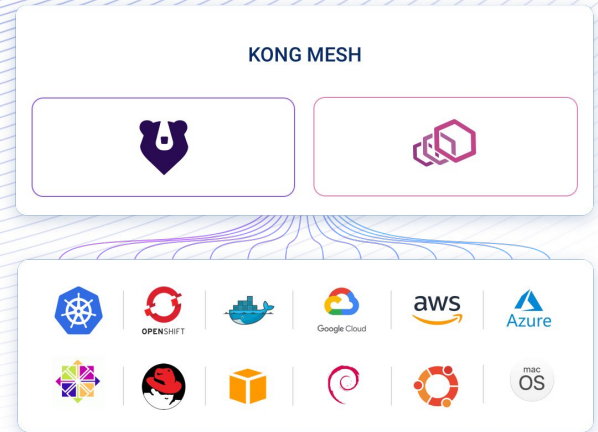


<https://github.com/kumahq>



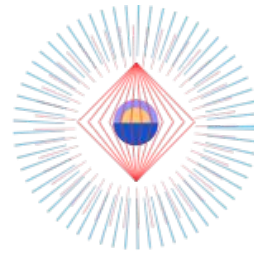
# Kong Mesh Overview

## Why do you need a Service Mesh?



### Ensure service connectivity, discovery and traffic reliability

Intelligently route traffic across any platform and any cloud to meet expectations and SLAs



### Achieve Zero-Trust Security

Restrict access and encrypt all traffic by default to only complete transactions when identity is verified

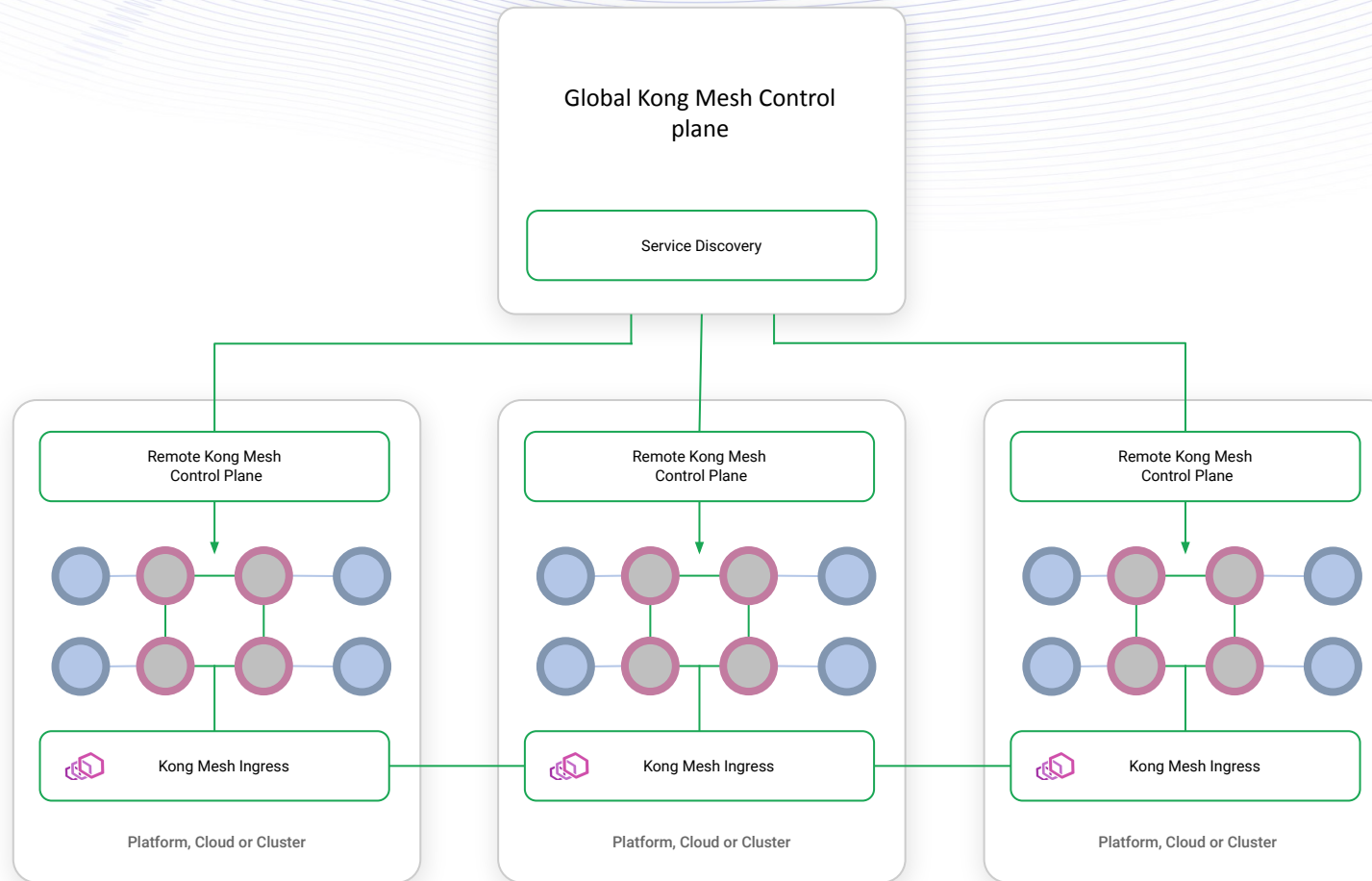


### Gain Global Traffic Observability

Gain a detailed understanding of service behavior to increase application reliability and the efficiency of teams



# Multi-Zone deployment

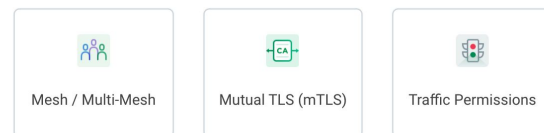




# Service Mesh Policies

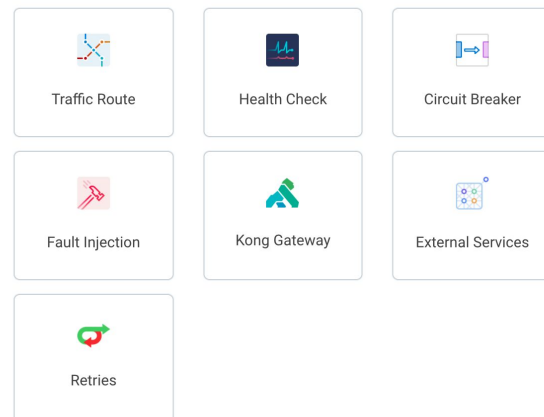
## Security

Identity, Encryption and Compliance



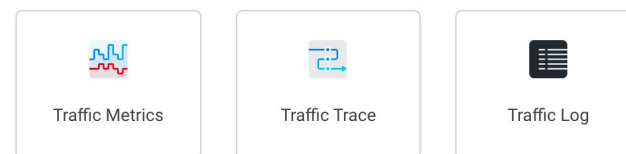
## Traffic Control

Routing, Ingress, Failover



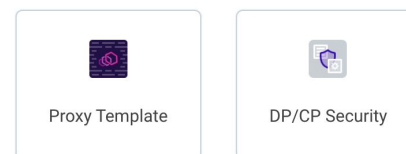
## Observability

Metrics, Logs and Traces



## Advanced

Envoy configuration and Miscellaneous



Kuma



## Enterprise Features

HashiCorp Vault CA

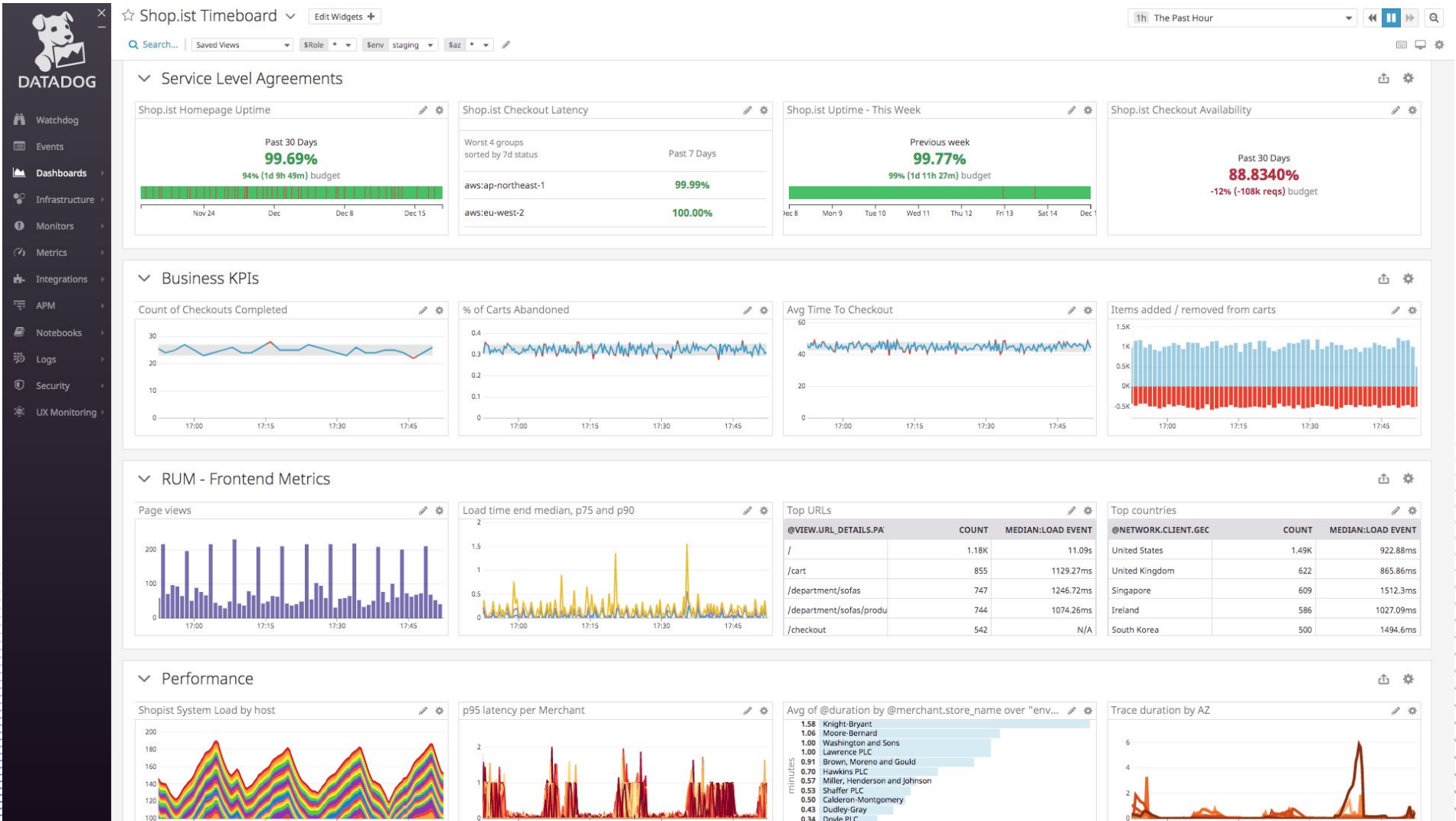
OPA Policy Support

Multi-zone authentication

FIPS support

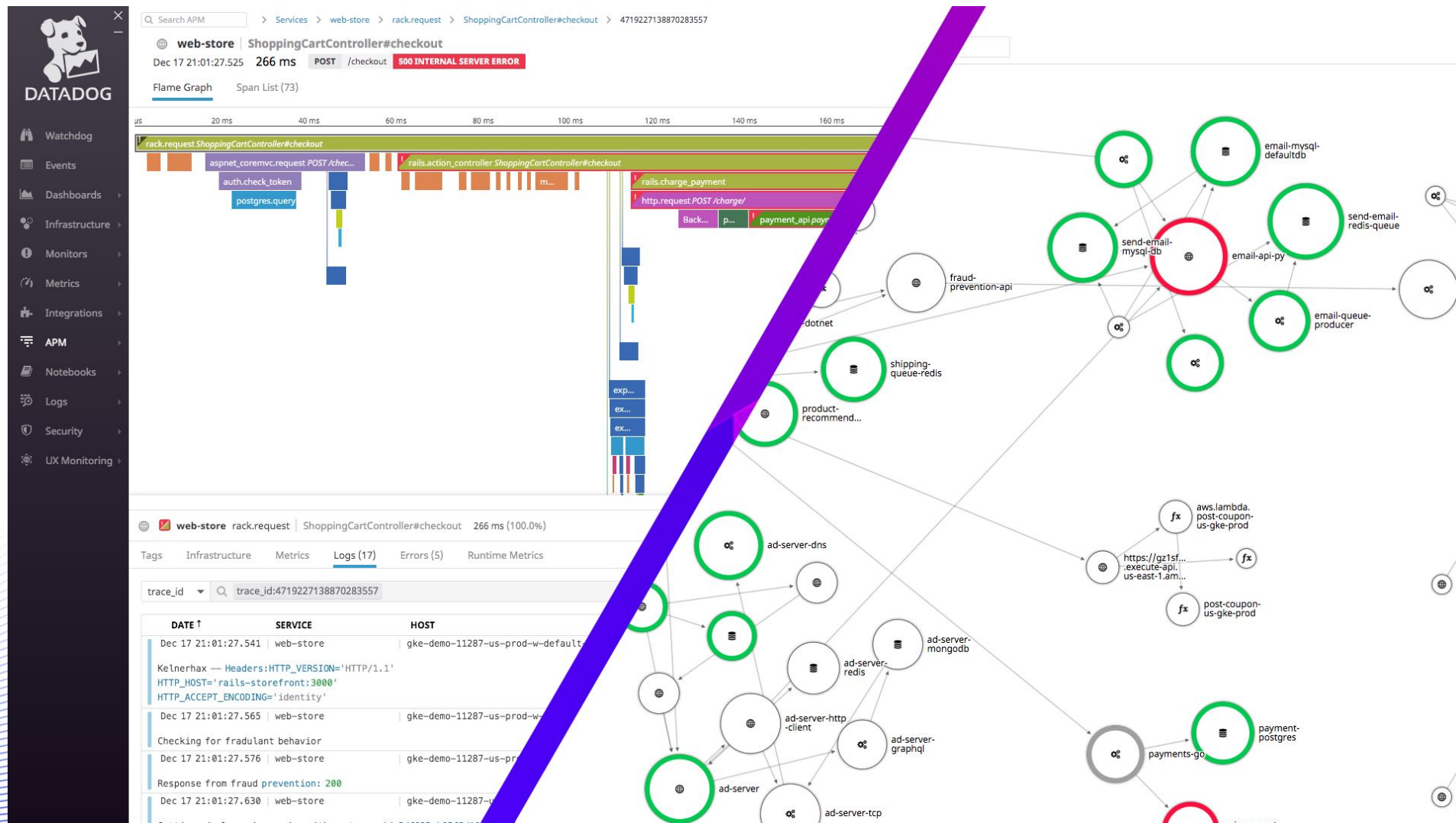
Kong Mesh

# Datadog

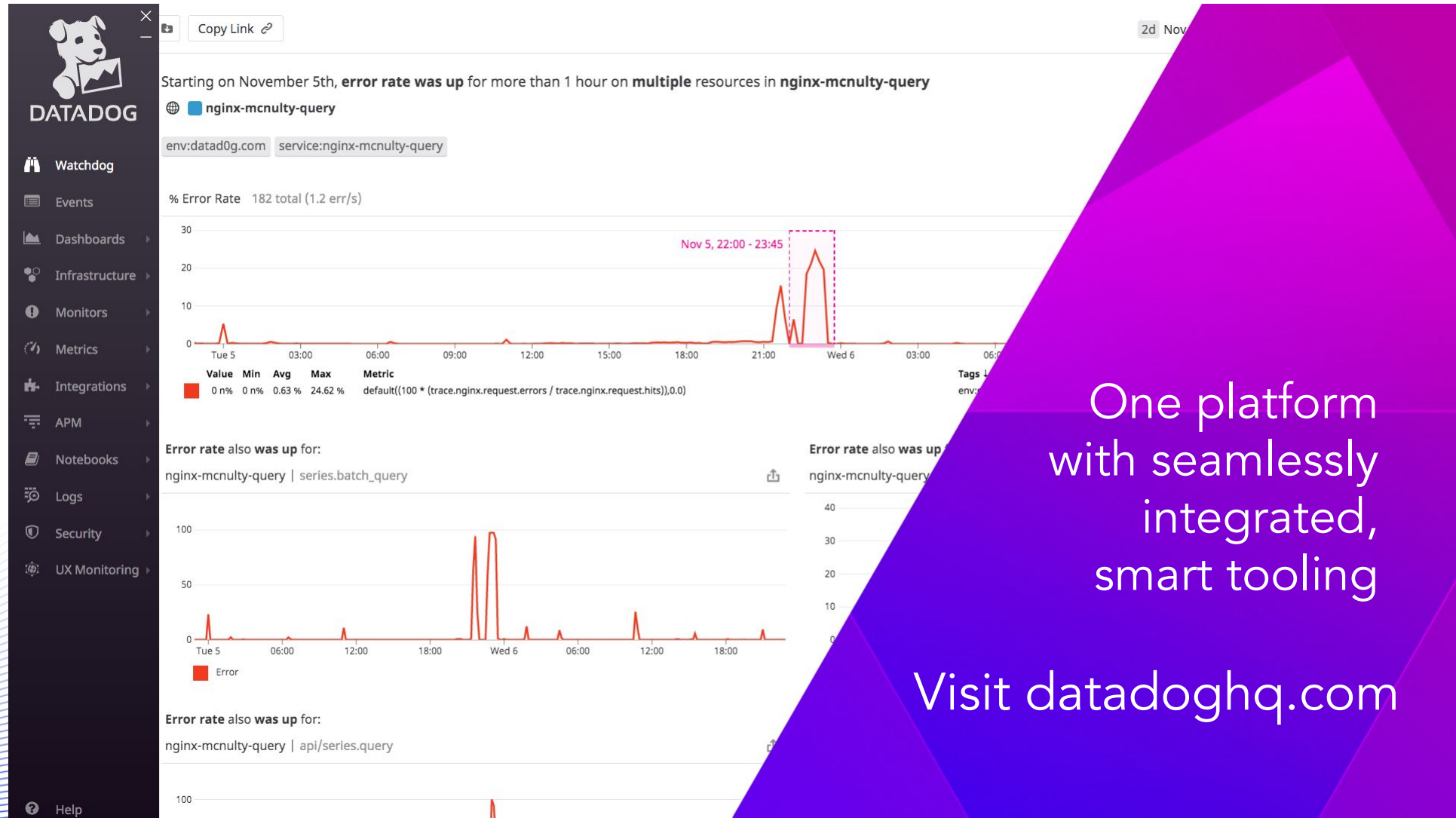




# Datadog

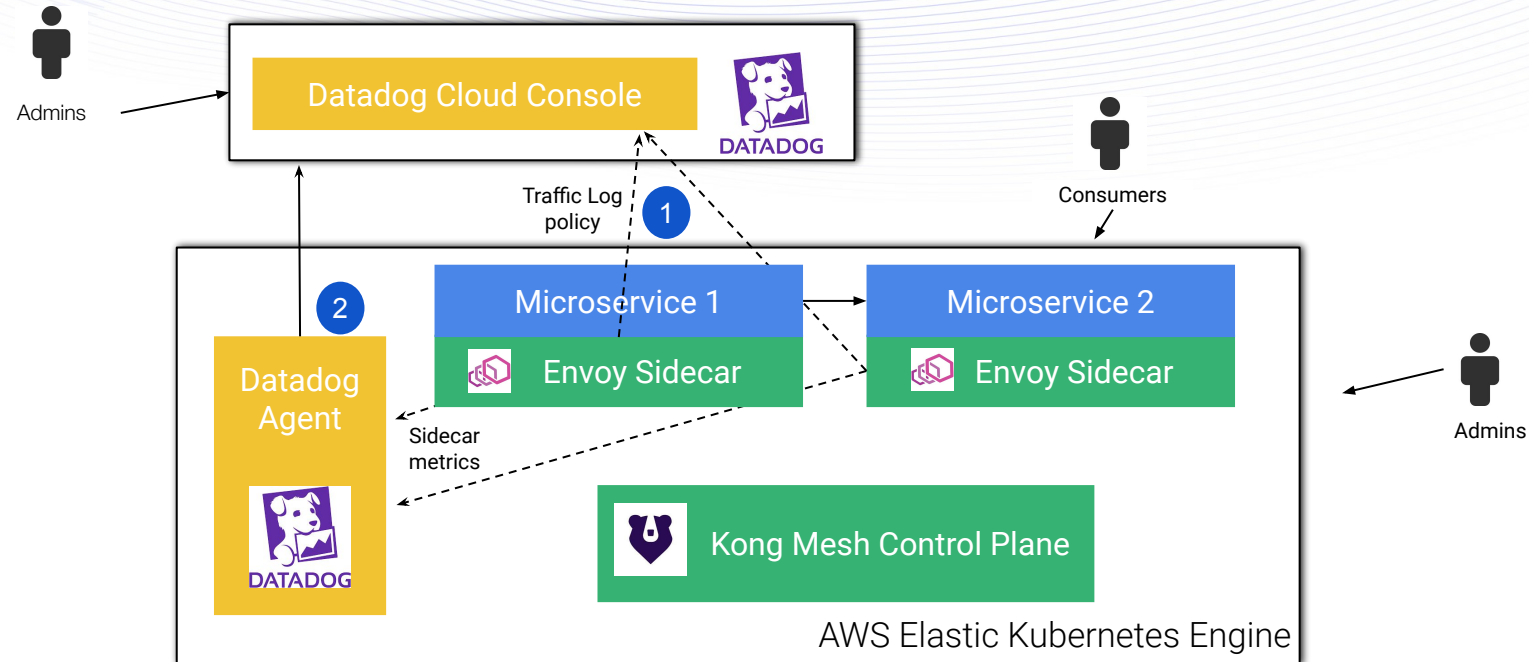


# Datadog



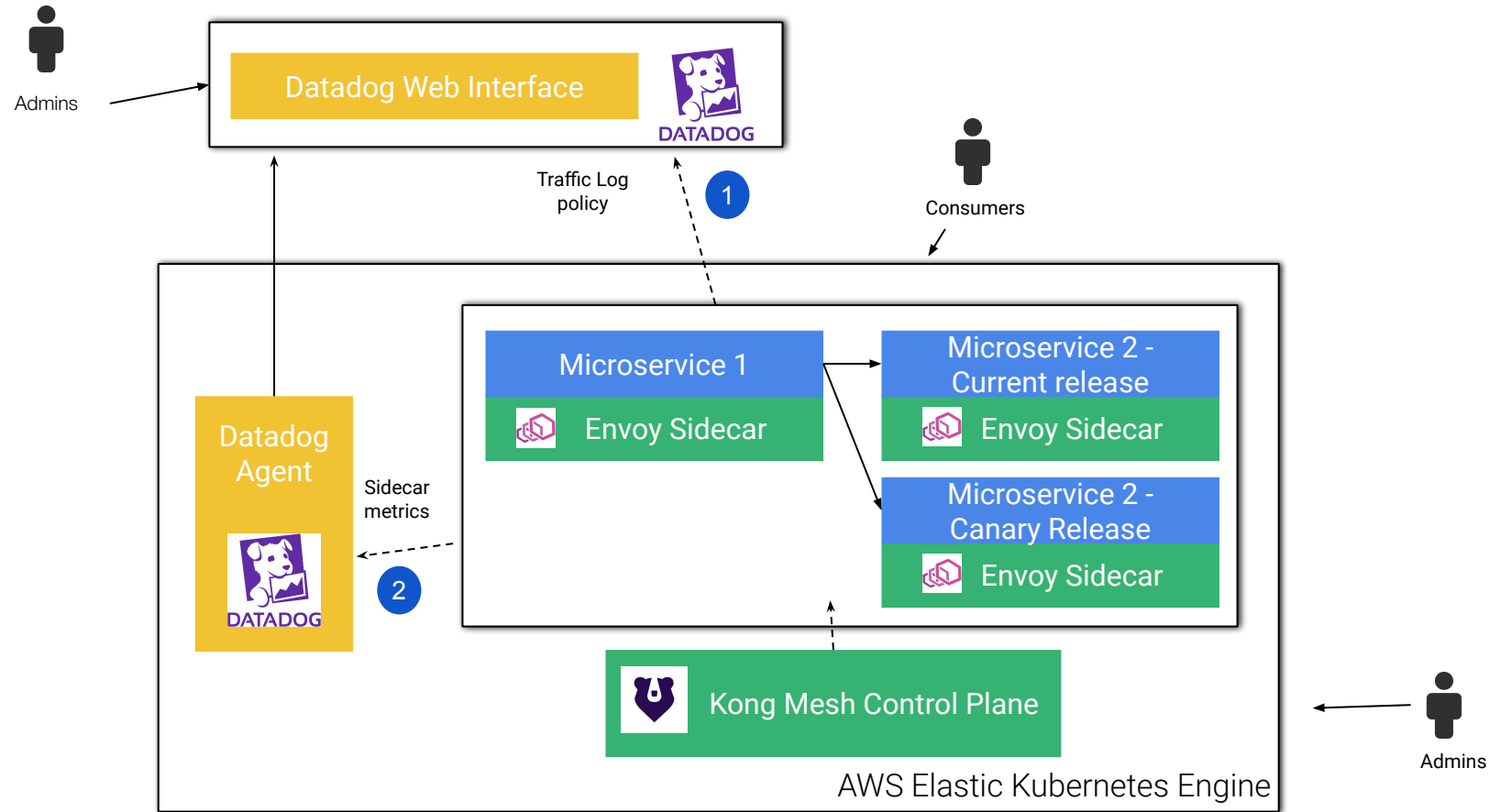


# Kong Mesh & Datadog



1. Kong Mesh Traffic Log policy
2. Datadog Agent

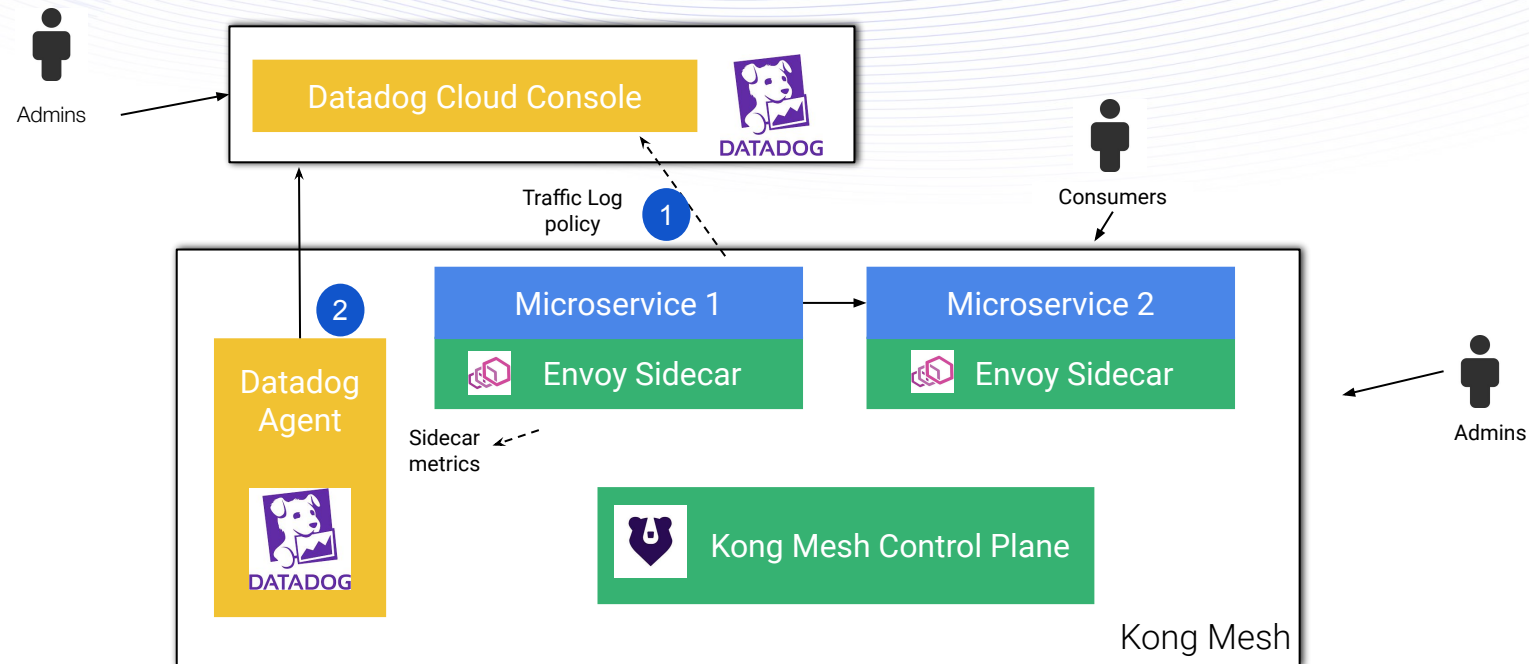
# Kong Mesh & Datadog



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# Kong Mesh & Datadog



1. Kong Mesh Traffic Log policy
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