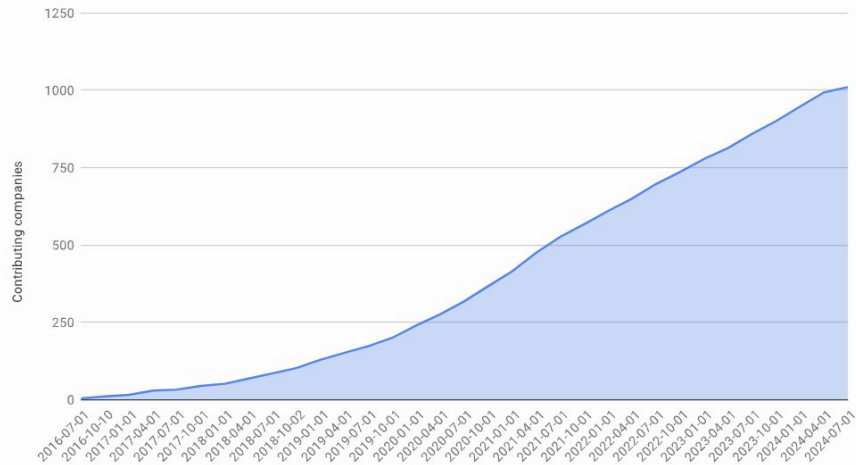




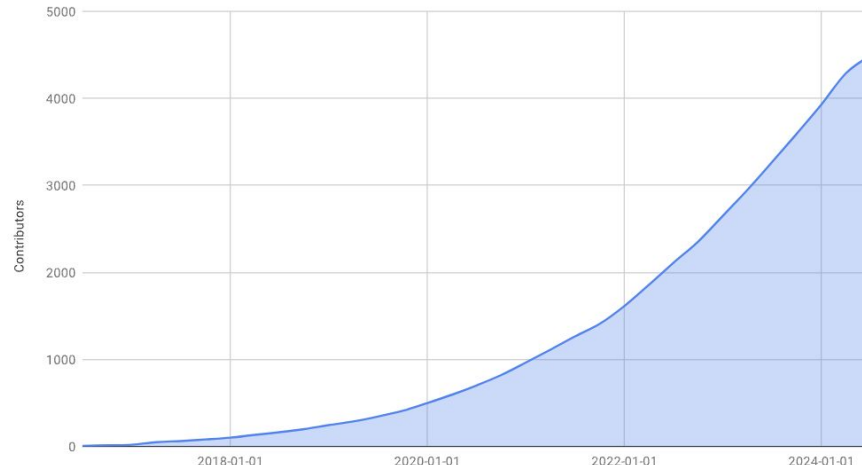
**Closing Remarks and Summary**

# Cilium Project Journey Report

Cumulative growth of contributing companies 2016-07-01 – 2024-07-01

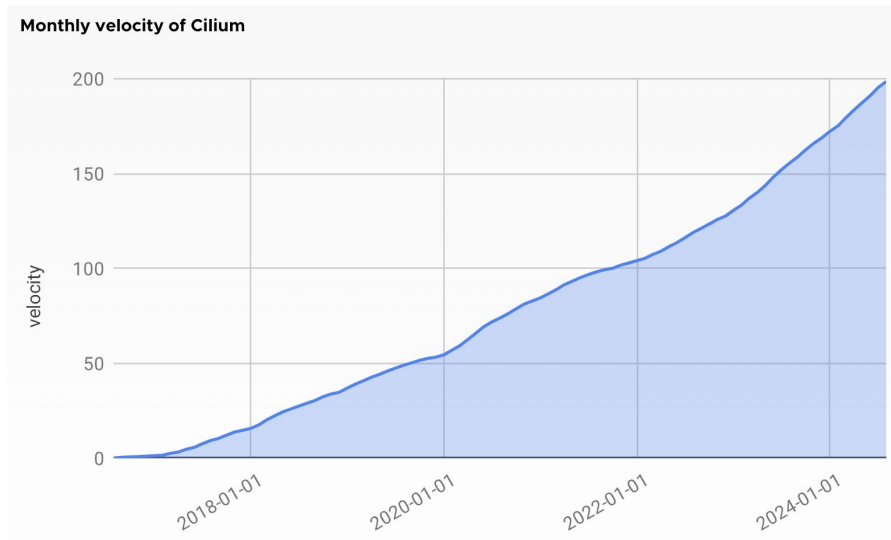


Cumulative growth in contributors 2016-07-01 – 2024-07-01



“Being a graduated project helped new users recognize that Cilium was already widely adopted at scale, and had become the **standard solution for Kubernetes networking and security**. It has now been adopted by all the major public clouds, who have also **contributed engineering efforts into the project**”

# Cilium Project Journey Report



“Cilium was able to become the **standard for cloud native networking** because it was founded and built on eBPF and eBPF is also helping Cilium **tackle the challenges of observability and security** with Hubble and Tetragon”

# Why Cilium?

## Security features:

- Transparent encryption
- DNS-based network policies
- Hubble observability



## Consistency:

*AWS VPC CNI*  
*Azure CNI*  
*GKE CNI*



cilium

## Enterprise support & SMEs:



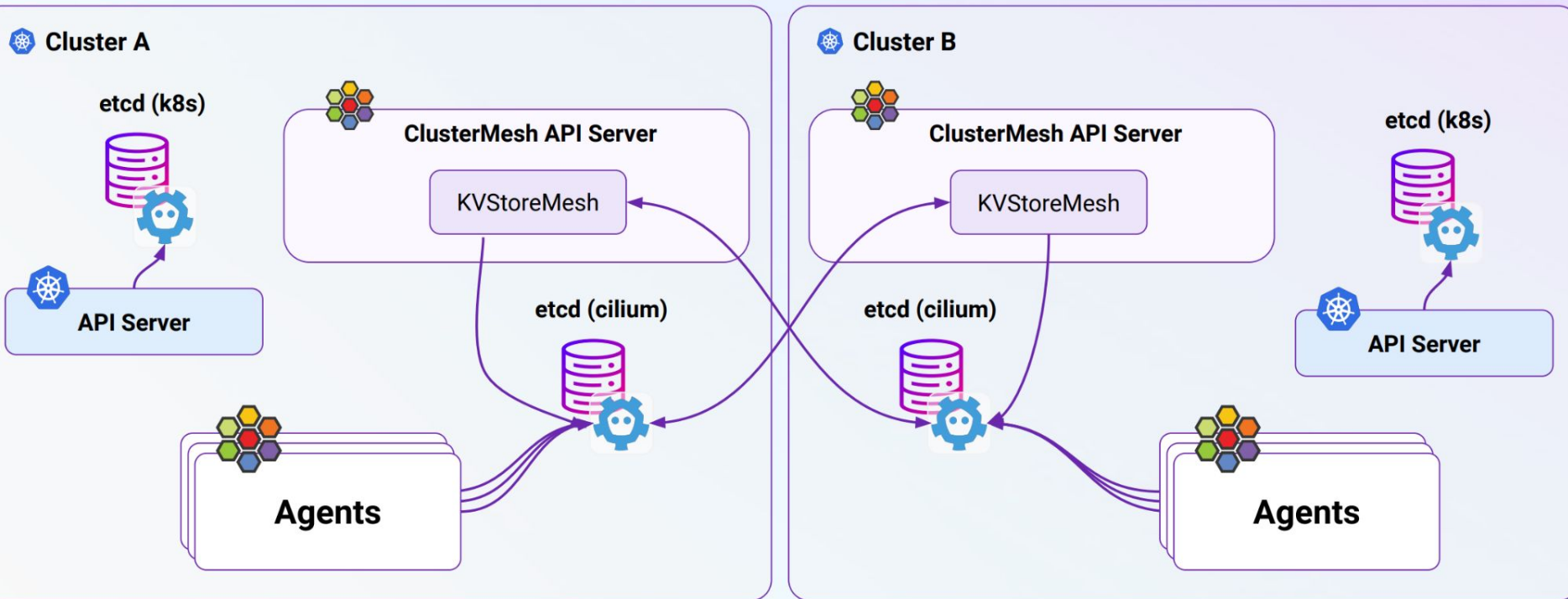
ISOVALENT



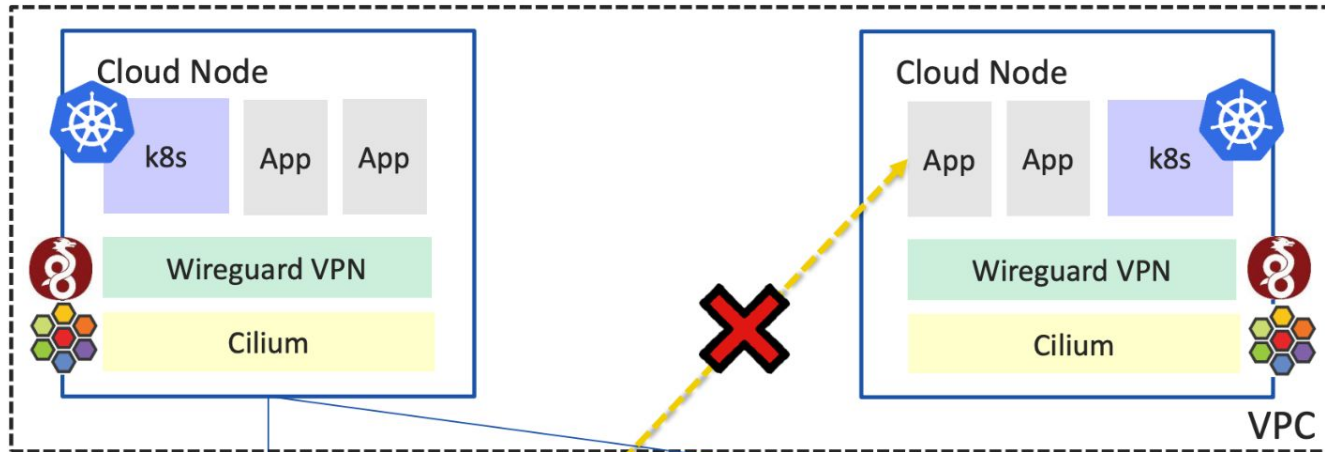
CONFLUENT

- Swap to Cilium for the following improvements
  - eBPF forwarding, XDP datapath
  - Simplified network policies using Cilium nodePort implementation
  - Improved self-service capabilities and auditability for policies
  - New features
    - Gateway API
    - Enhanced load-balancing (Cilium service implementation)
    - Lightweight service mesh features

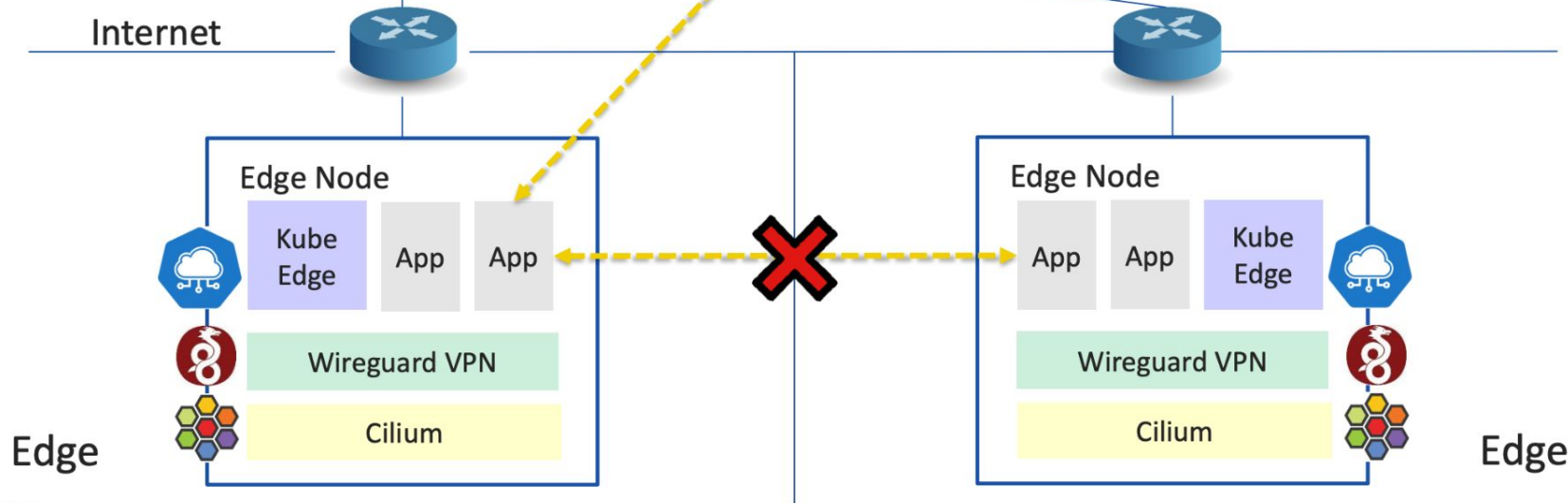
# KV KV Mesh



Cloud



Internet

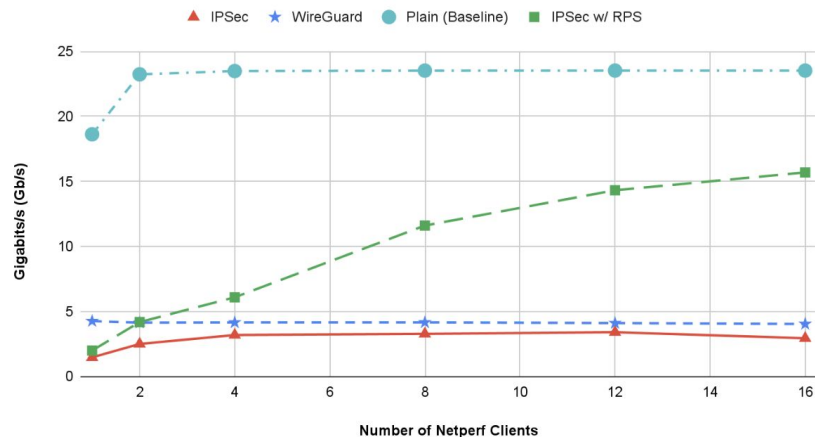


Edge

Edge

# 400% Performance Increase

Three Minute Netperf TCP\_STREAM Load Test



#Clients	IPSec Gb/s	IPSec w/ RPS Gb/s	%delta
1	1.45 Gb/s	1.98 Gb/s	+37%
2	2.49 Gb/s	4.17 Gb/s	+67%
4	3.18 Gb/s	6.08 Gb/s	+91%
8	3.27 Gb/s	11.6 Gb/s	+250%
12	3.39 Gb/s	14.32 Gb/s	+320%
16	2.93 Gb/s	15.69 Gb/s	+430%



# Cilium @ KubeCon

22 talks, a Project Kiosk, Maintainer Track session



# Cilium User Survey

## Cilium User Survey - 2024

Hello!

Thank you for your interest in the Cilium user survey. The Cilium community is looking for input on how our users are using Cilium and how we can best improve. Your answers will help the Cilium community prioritize work on existing and new features.

We commit to publishing anonymized results back to the community.

Thank you for taking the time to answer this survey.

bill.mulligan@isovalent.com [Switch account](#)



 Not shared

What is your current use of Cilium?

- ☐ Running in Production
- ☐ Under Evaluation
- ☐ We are blocked and waiting on a feature/bug
- ☐ Other: \_\_\_\_\_

<https://isogo.to/cilium2024>

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