



Kuma

Build, Secure and Observe Your
Modern Service Mesh



CNCF Webinar
OCT 2019

Presenters



Marco Palladino
CTO and Co-Founder,
Kong



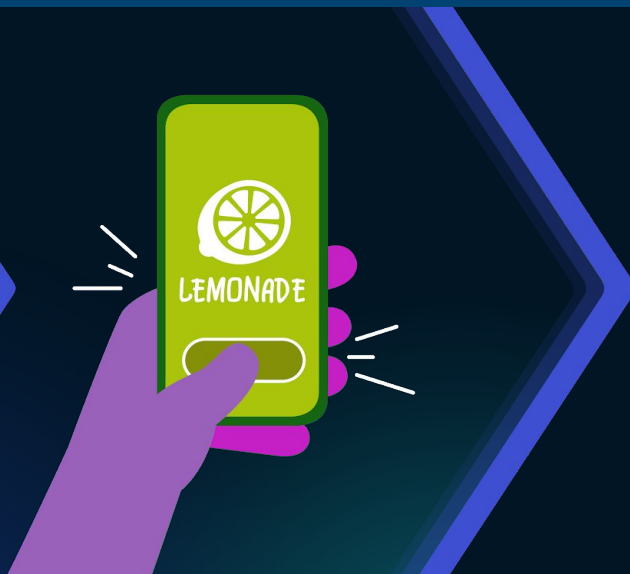
Kevin Chen
Developer Advocate,
Kong

Agenda

Service Mesh & Kuma

Demo

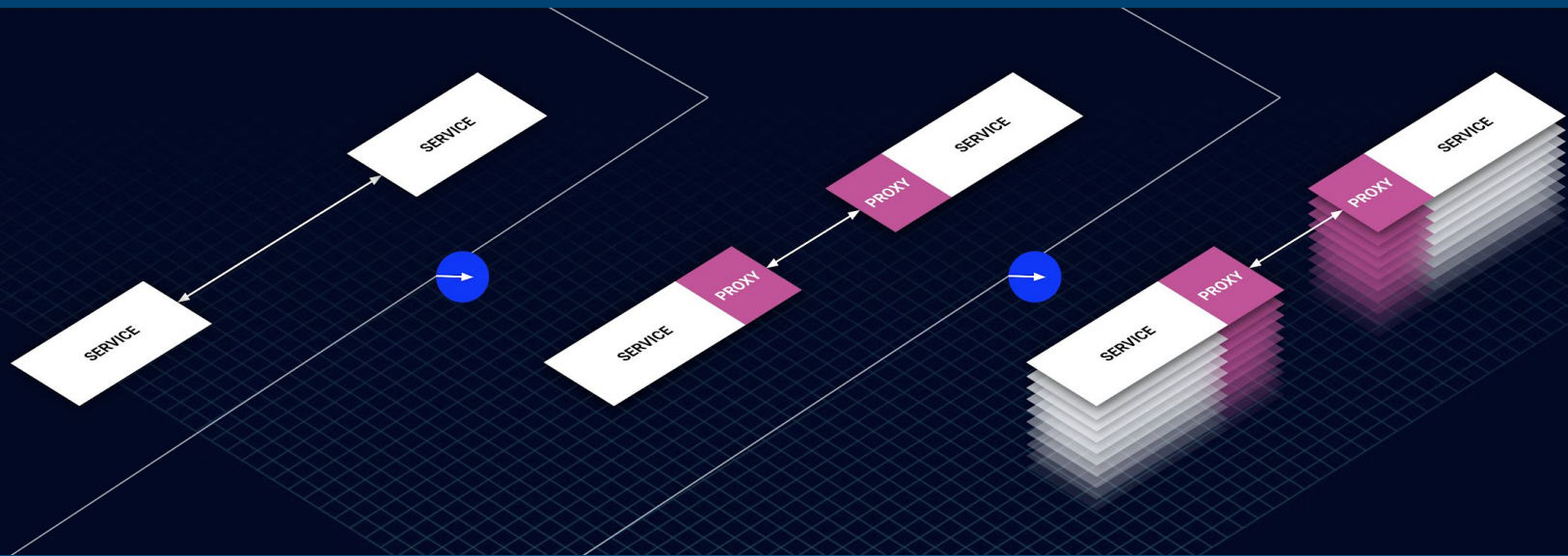
Q&A













Kuma

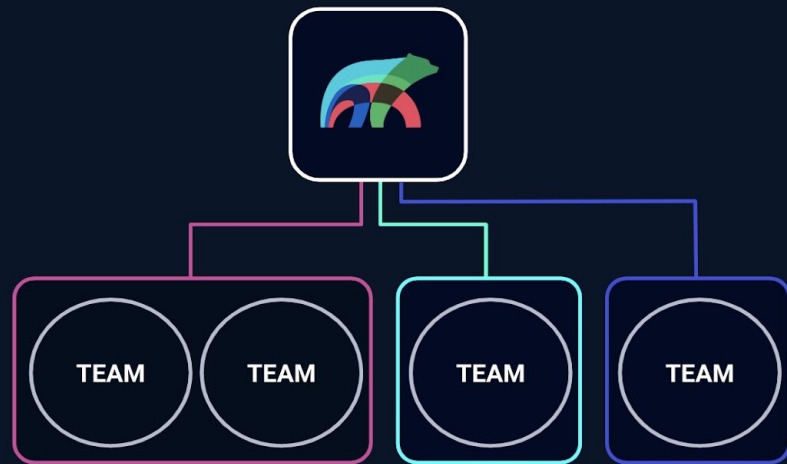
Universal Service Mesh





Kuma.io

Multi-Tenancy



Kuma.io

```
$ kumactl install control-plane | kubectl apply -f-
```

OR

```
$ kuma-cp run &
```



Kuma.io

Identity



Traffic
Permissions



Traffic
Logging



Kong Gateway
Integration

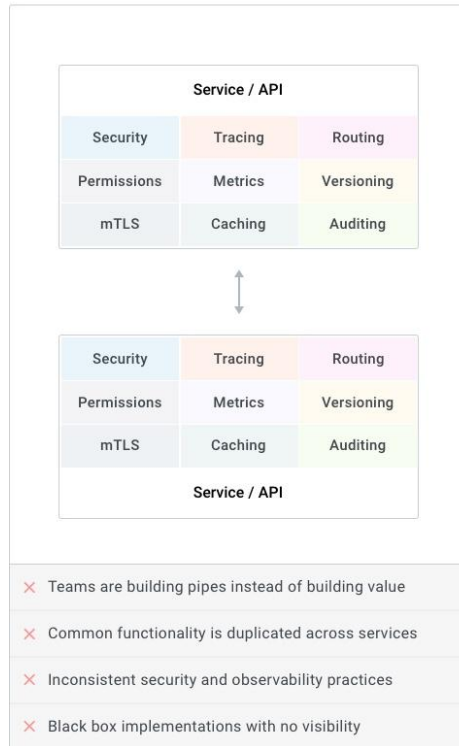


And More!

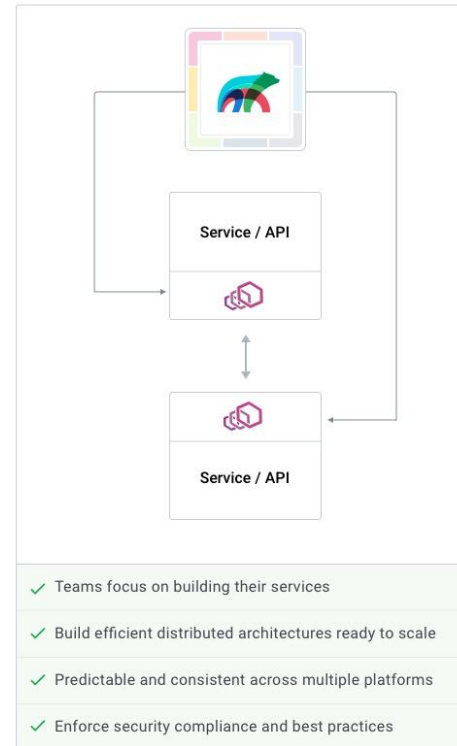


Kuma.io

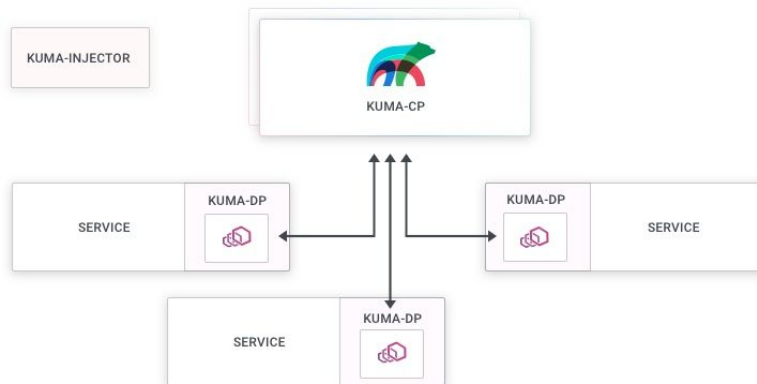
BEFORE



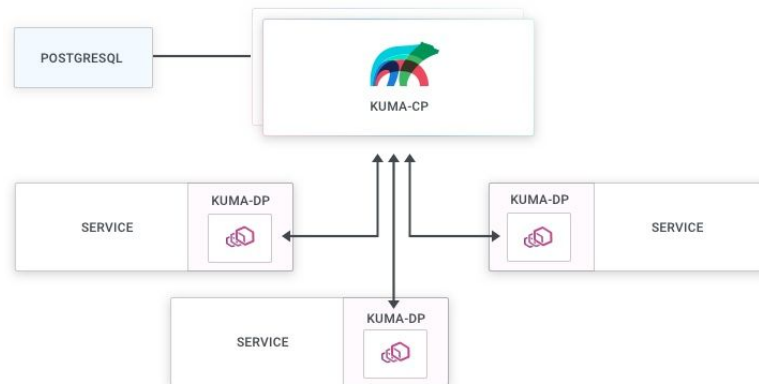
AFTER



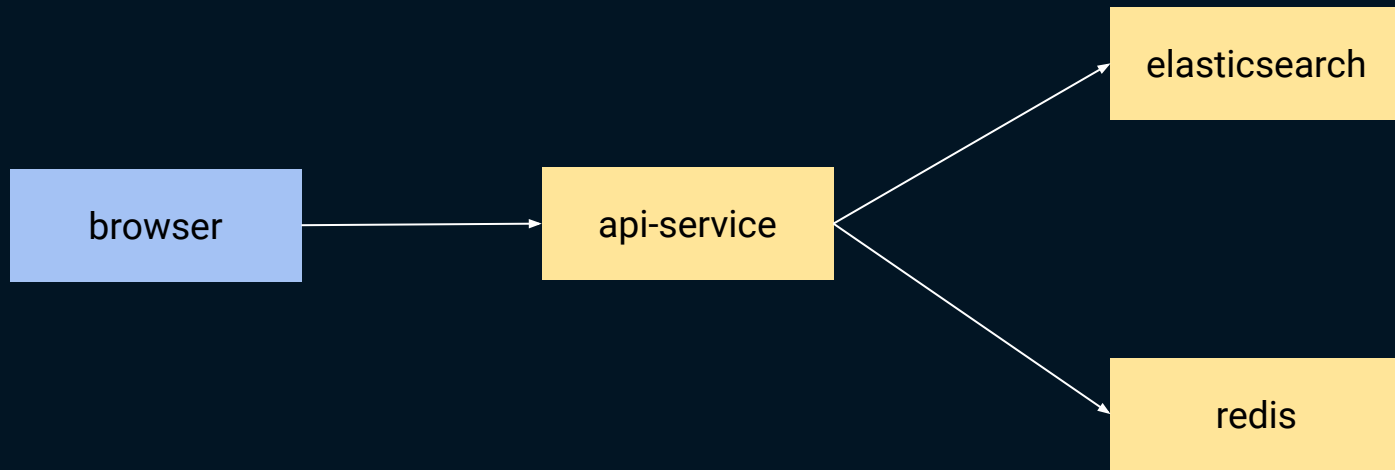
On Kubernetes:



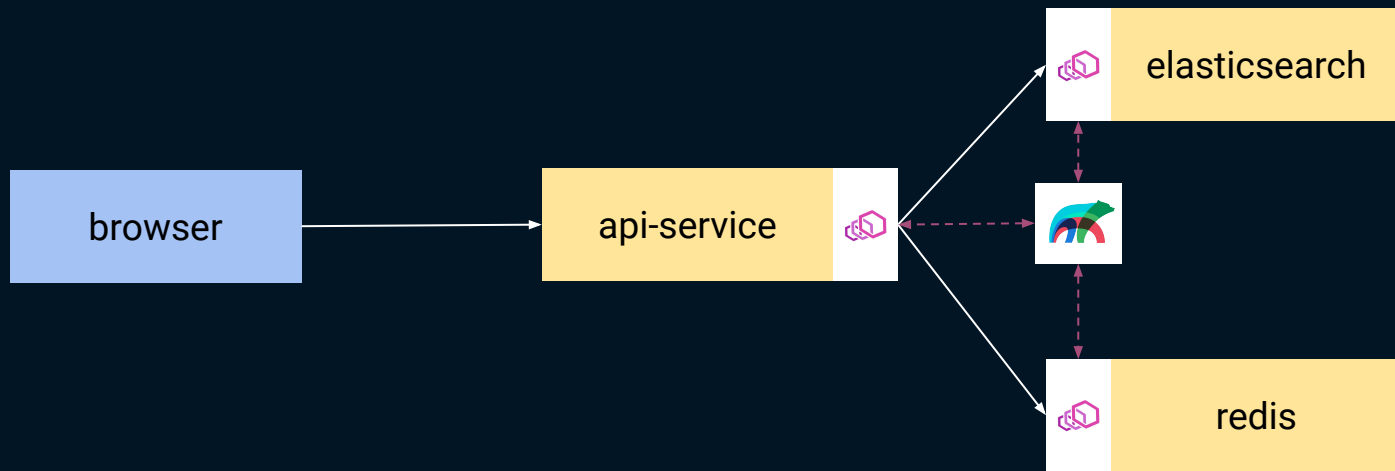
On Universal:



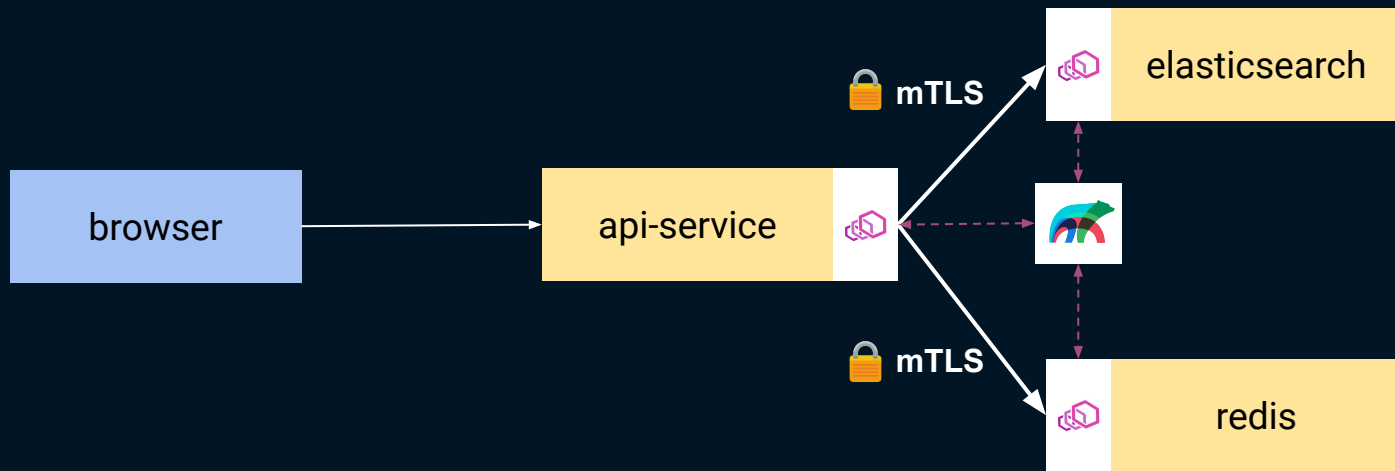
DEMO TIME



Kuma.io

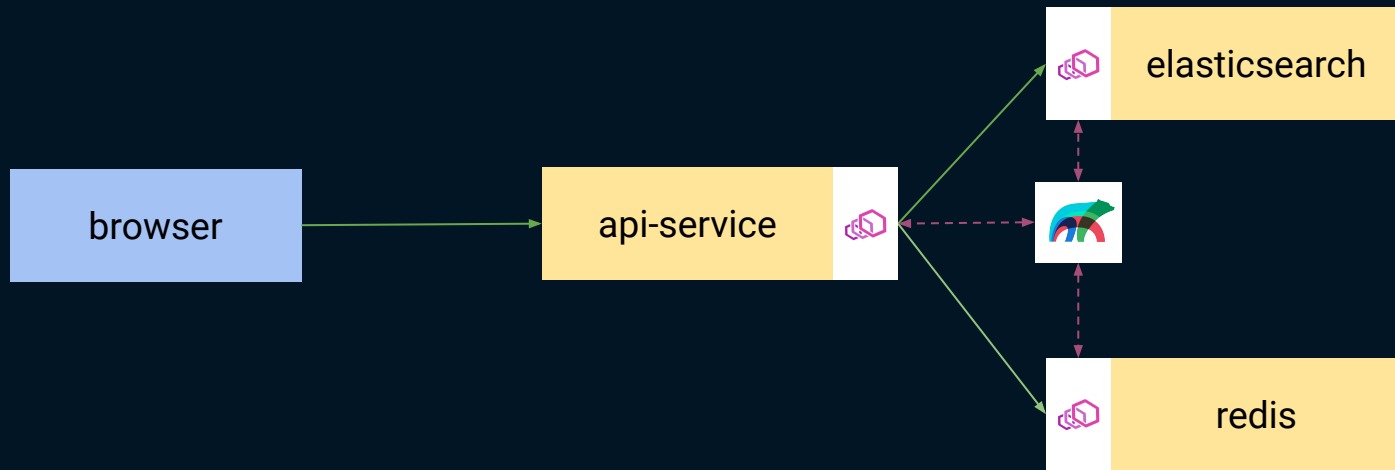


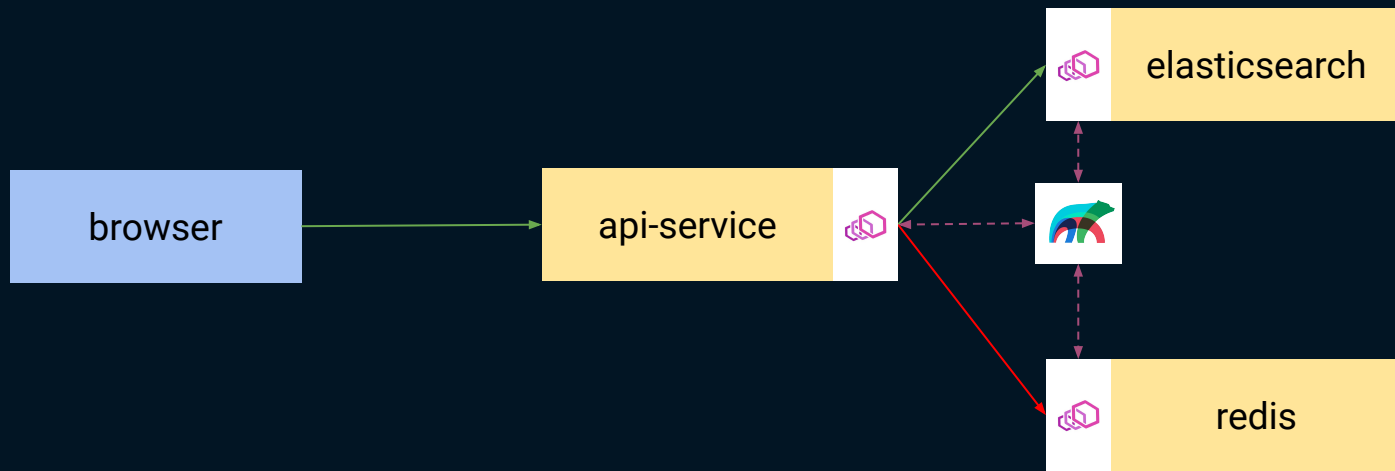
ADDING MTLS



ADDING LOGGING

SECURING TRAFFIC PERMISSIONS





Kong / kuma

Unwatch

35

Unstar

925

Fork

40

Code

Issues 56

Pull requests 7

Actions

Projects 0

Wiki

Security

Insights

Settings

The Universal Service Mesh <https://kuma.io/install>

Edit

service-mesh

golang

envoy

envoyproxy

kong

servicemesh

sidecar-proxy

cloud-native

kubernetes

Manage topics

715 commits

65 branches

10 releases

8 contributors

Apache-2.0

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download



jakubdyszkiewicz feat(kuma-cp) Initial token generator with HTTP Server on localhost

Latest commit e5e4657 9 hours ago

.circleci

ci: make `clang-format` an optional tool

5 days ago

.github

docs(github) add GitHub Issue and PR templates

last month

api

chore: upgrade version of `go-control-plane`

6 days ago

app

feat(kuma-cp) Initial token generator with HTTP Server on localhost

9 hours ago



Kuma.io

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Kuma.io



Universal Control
Plane



Easy To Use
Policies



Platform
Agnostic



Kuma.io

Want to learn more?

Join us at KubeCon

Modern Service Mesh and API Management hosted by Kong

Date: Monday, November 18, 2019

Morning Session: API Gateway

Afternoon Session: Kuma

[Register Now](#)



Questions?

Resources

Kuma - <https://kuma.io/>

Quickstart - <https://kuma.io/install/0.2.2/>

Slack - <https://chat.kuma.io/>

Download Kuma at
kuma.io/install

Q&A Time