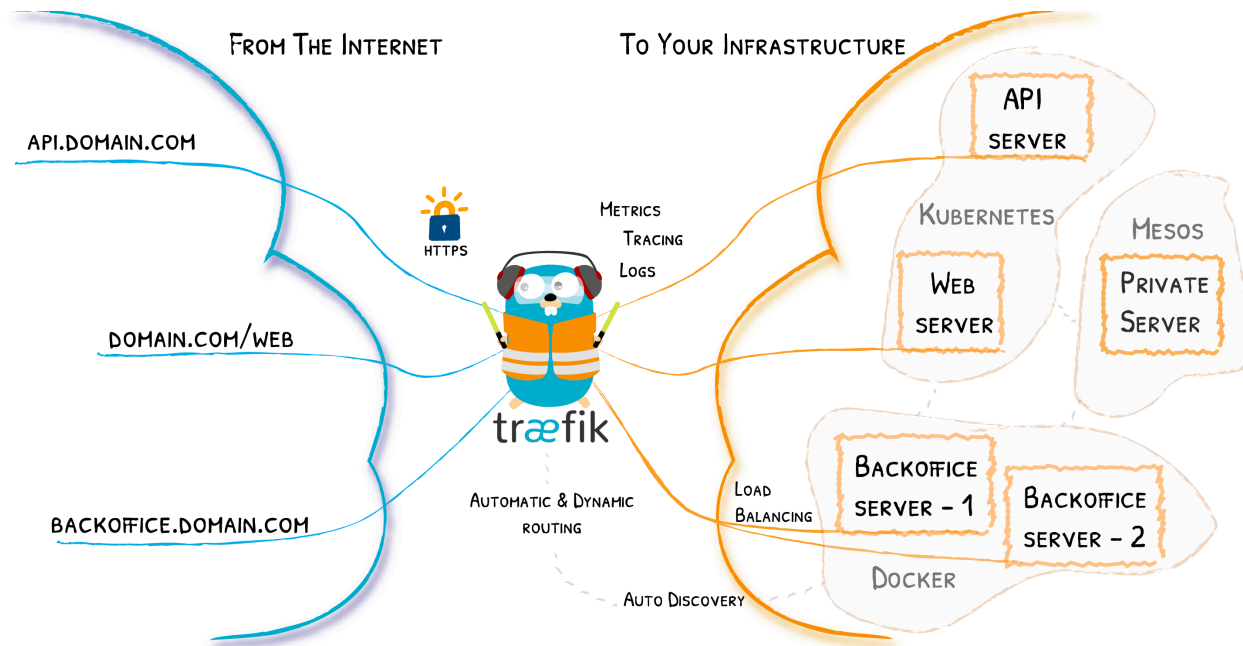# Traefik Background

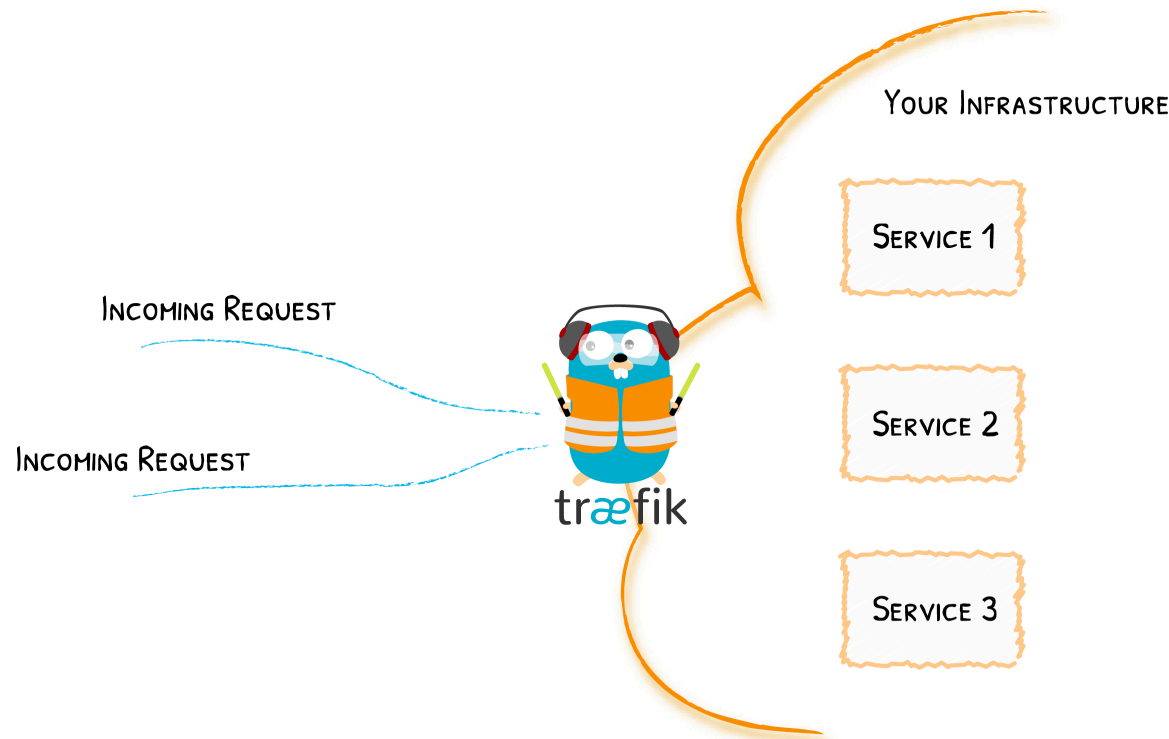# Why was Traefik Developed?

Founder - Emile Vauge

- Tons of reverse Proxies but none were dynamic

- Created by Emile Vauge in 2015

- Microservices are dynamic which requires dynamic configurations

- Watches the Orchestrator for new events

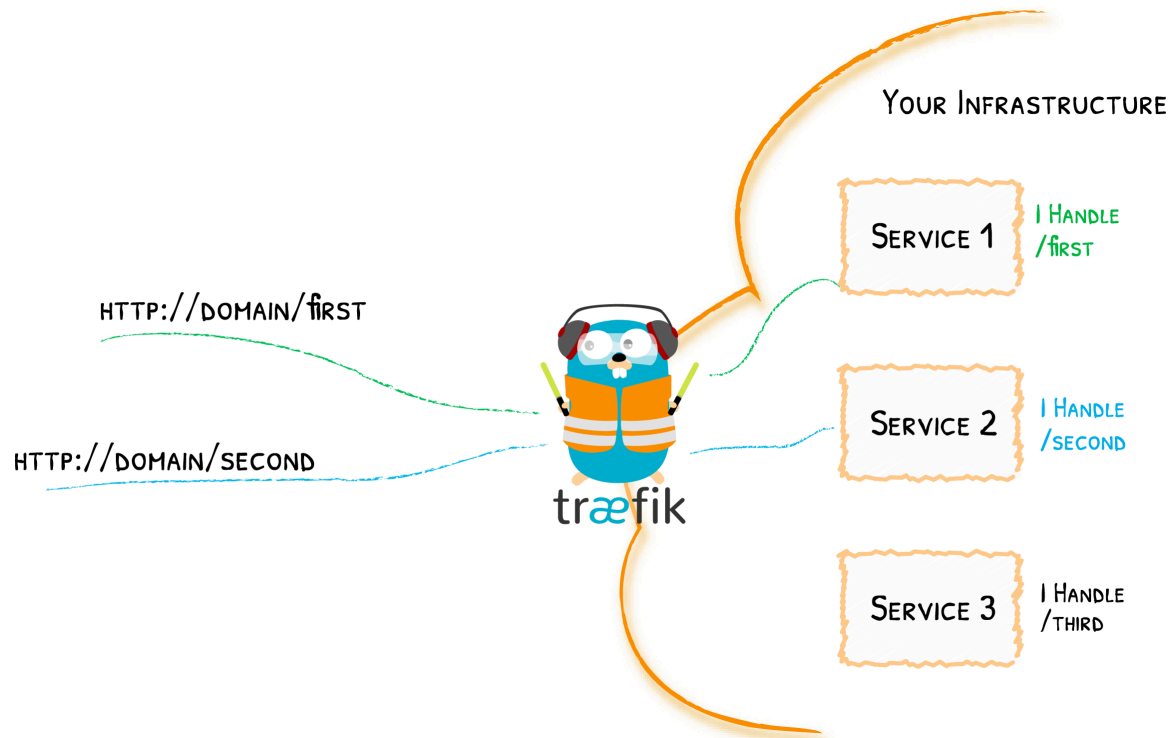# The Traefik Background

- Written in Go

- Edge Router

- Automatically discovers service configurations

- Native integration with AWS, Kubernetes, Docker, Mesos, Nomad and many more

- Traefik automatically synchronizes configuration changes in real-time, no restarts, no down-time

What is an Edge Router?

Your Infrastructure

Service 1

Incoming Request

Incoming Request

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Service 2

Service 3

- Front door to your platform

- Intercepts incomming requests and routes the request

- Defined logic to determine which service recieves the request based on Path, host, headers, and more

How does Auto Discovery Work?

YOUR INFRASTRUCTURE

HTTP://DOMAIN/FIRST

HTTP://DOMAIN/SECOND

SERVICE 1 — I HANDLE /first

SERVICE 2 — I HANDLE /second

SERVICE 3 — I HANDLE /third

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- Traefik pulls the configuration information directly from the service

- Traefik attaches information to the request to route to the correct service

- When new services are started, Traefik detects the new service and routes