



# The (updated) story of why we migrate to gRPC and how we go about it



Golden  
Retriever  
Pan-  
Cakes







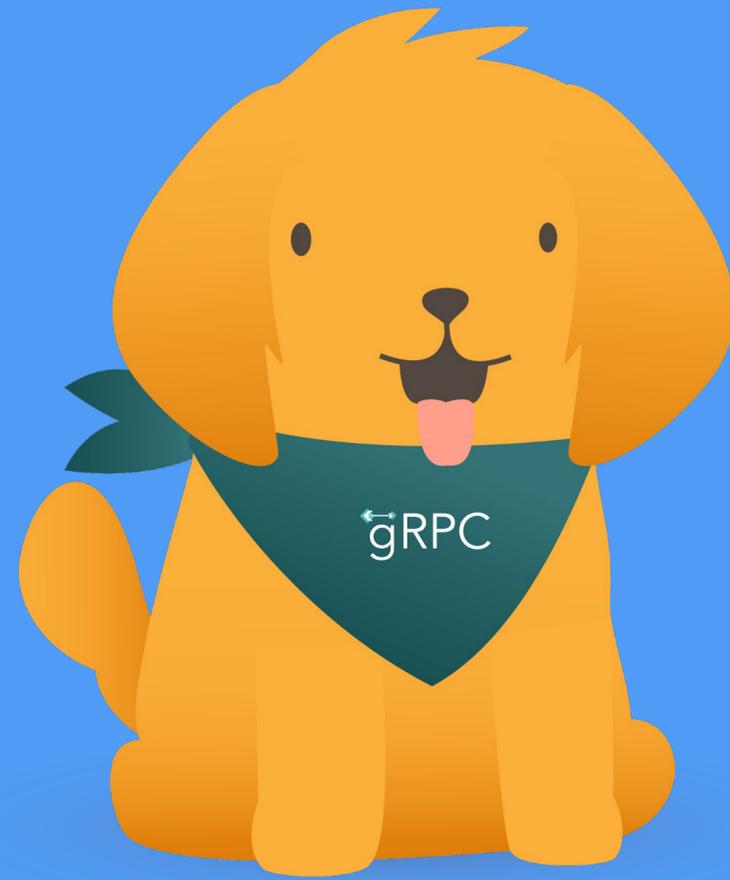
# The (updated) story of why we migrate to gRPC and how we go about it



The (updated) story of  
**why** we migrate to gRPC  
and **how** we go about it

# Why?

# Why gRPC?



# Load Balancing

## Server-side

- dumb client
- LB logic in proxies
- centralized control
- extra hop

## Client-side

- complex client
- LB logic in clients
- distributed control
- no proxy, low latency

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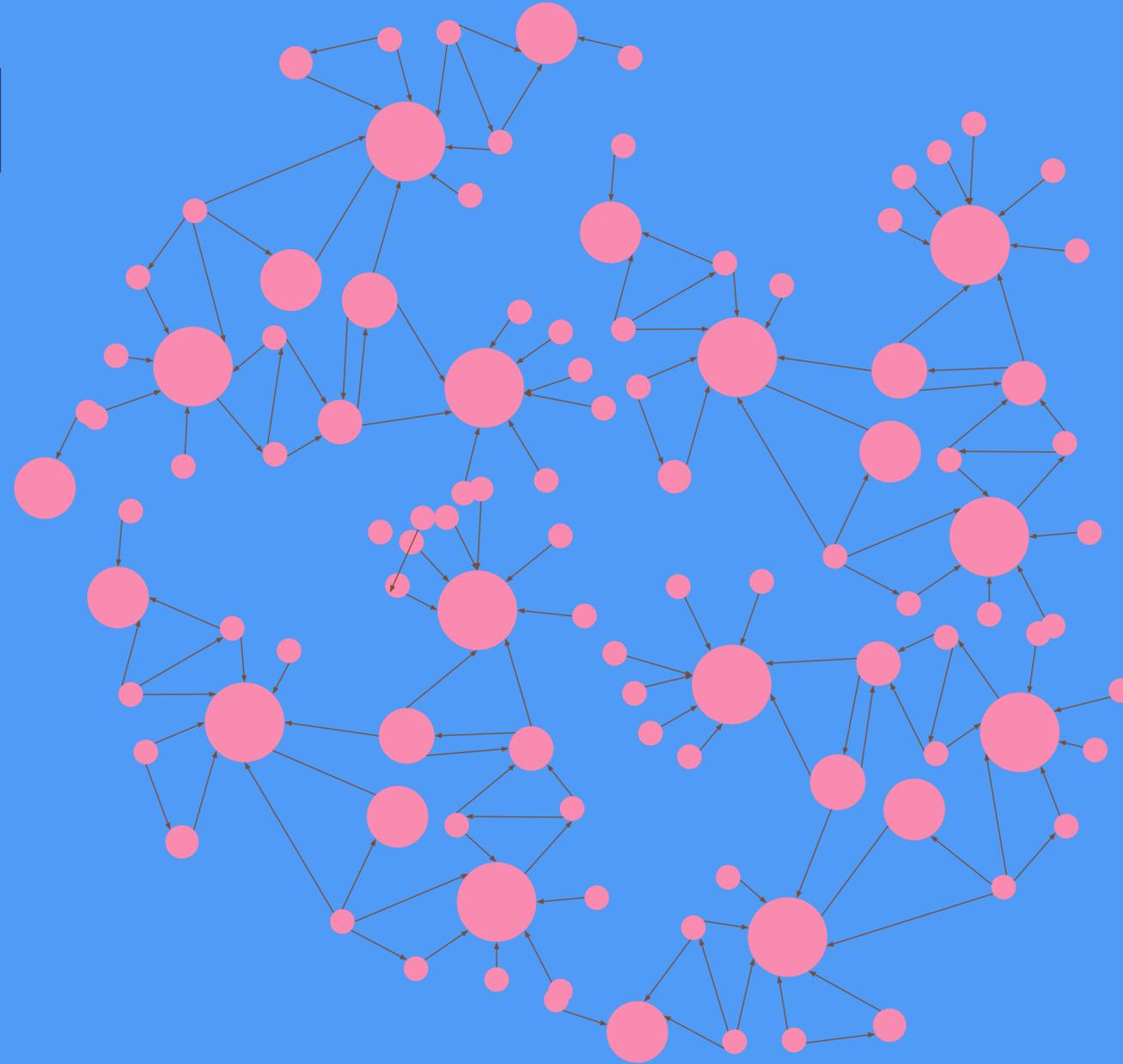
## Lookaside

- smart client
- LB logic externalized
- centralized control
- no proxy, low latency

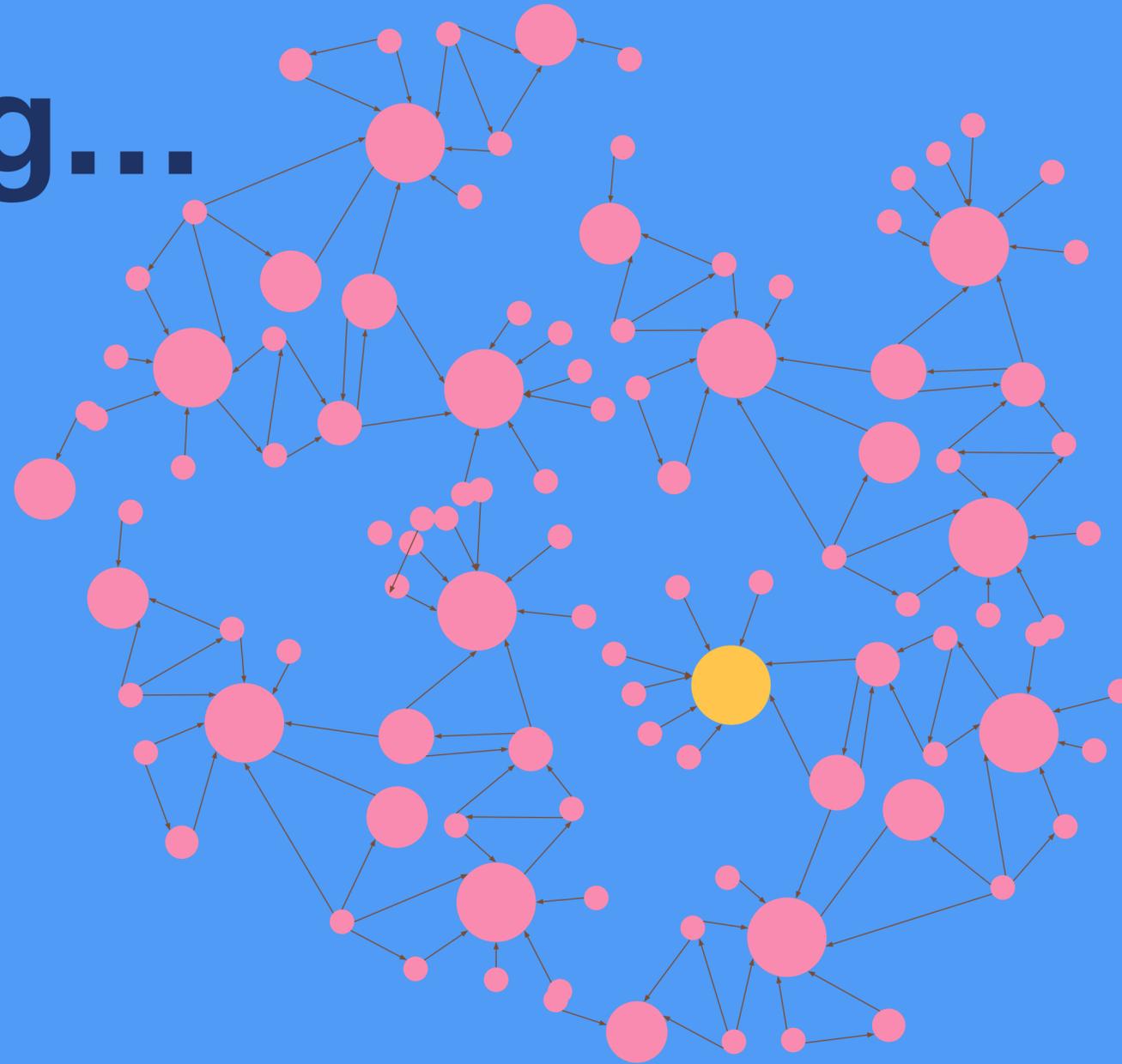
# Proxyless Service Mesh

# How?

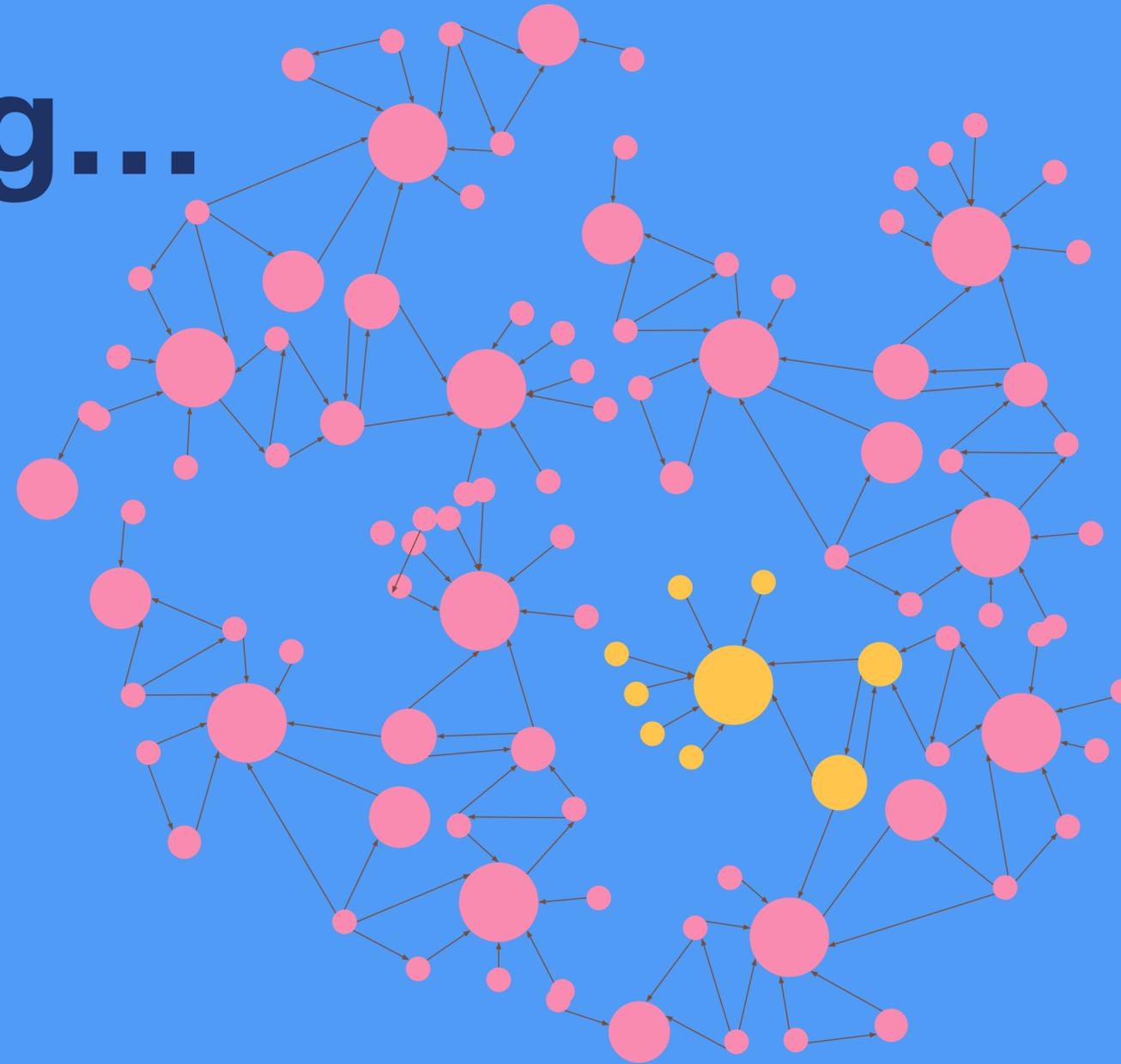
# Backend



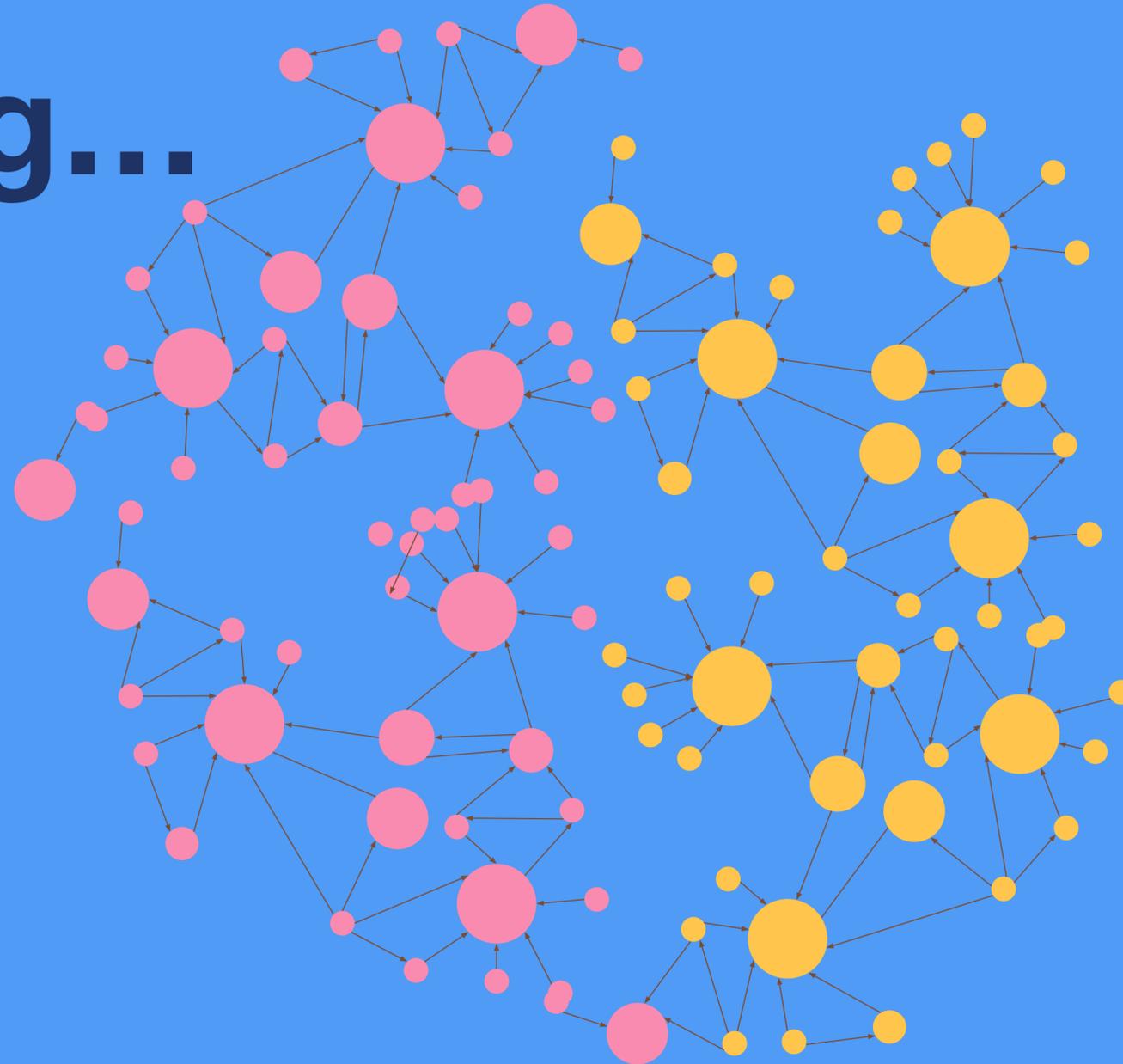
# Migrating...



# Migrating...



# Migrating...



# Lesson 1:

# So Many Migrations

# Global Outage

# Lesson 2: Don't Rush It

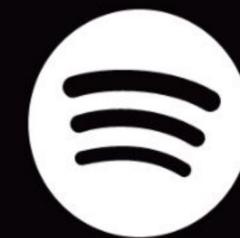
# Aligning Autonomous Teams

# Lesson 3:

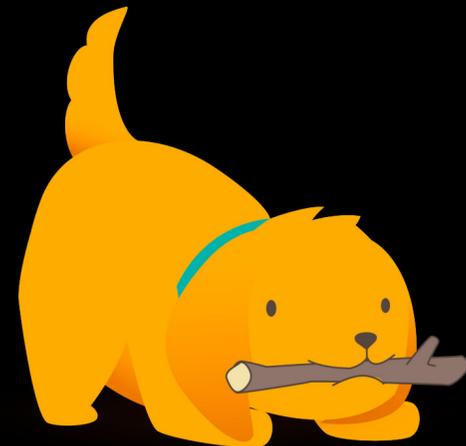
# Platform as a Product



Backstage



Spotify®





# Thank You

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