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Cloud Engineer Globant

# ¿Globant?



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@HSALAZAR - 08/2016



# ESCALABILIDAD EN EL MUNDO REAL

...previously...

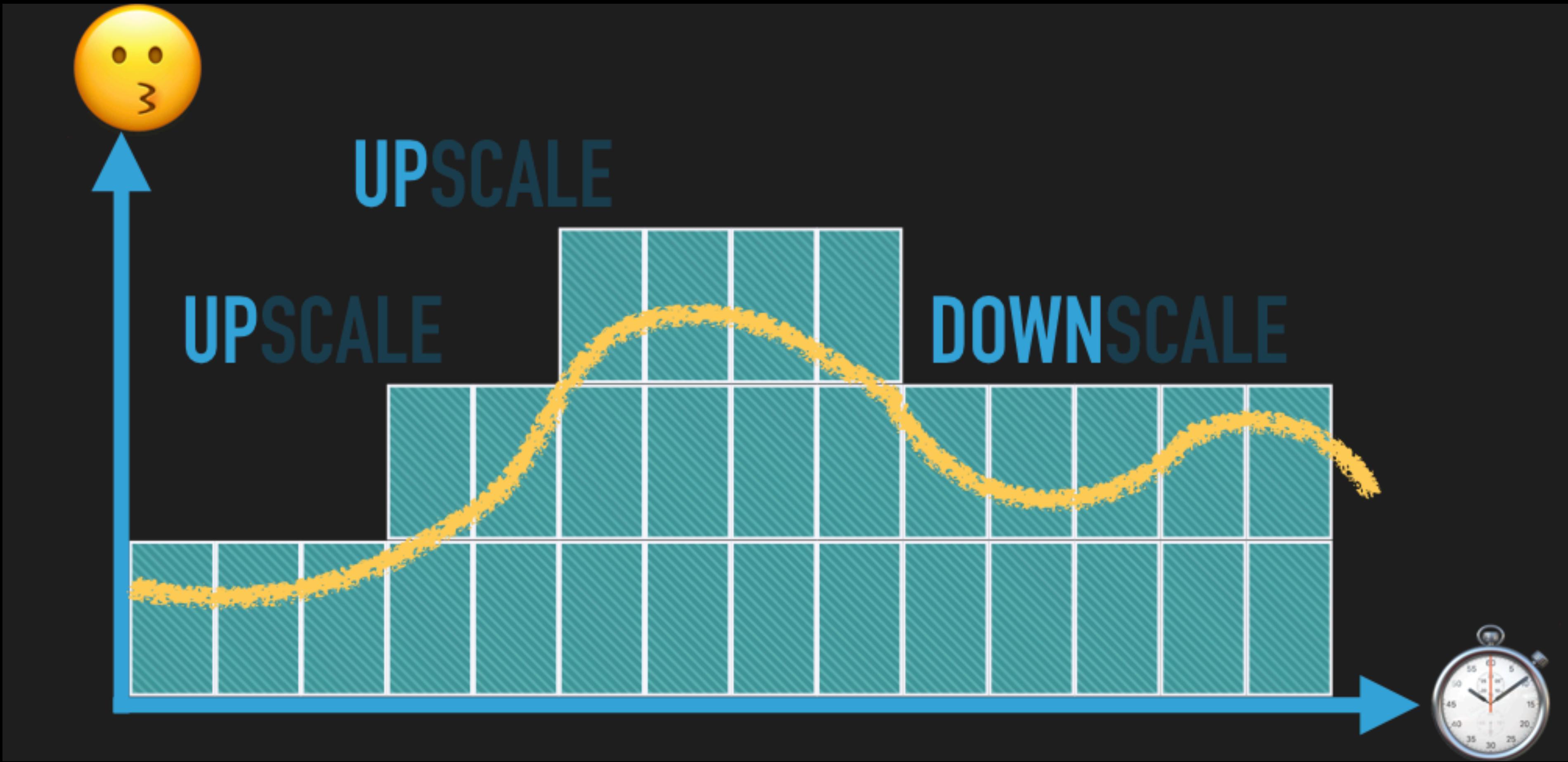
# ADAPTARSE





# REACCIONAR

...tan rápido como puedas...



...en ambas direcciones...



# ELASTICIDAD

...cuida tu dinero...

**COMIENZA EN LA  
NUBE** ☁

**...oooobvio po...**

# Pizza as a Service (Legacy)

MESA

BEBIDAS

HORNO

MASA DE PIZZAS

INGREDIENTES

Home Made

# Pizza as a Service (IaaS)

MESA

BEBIDAS

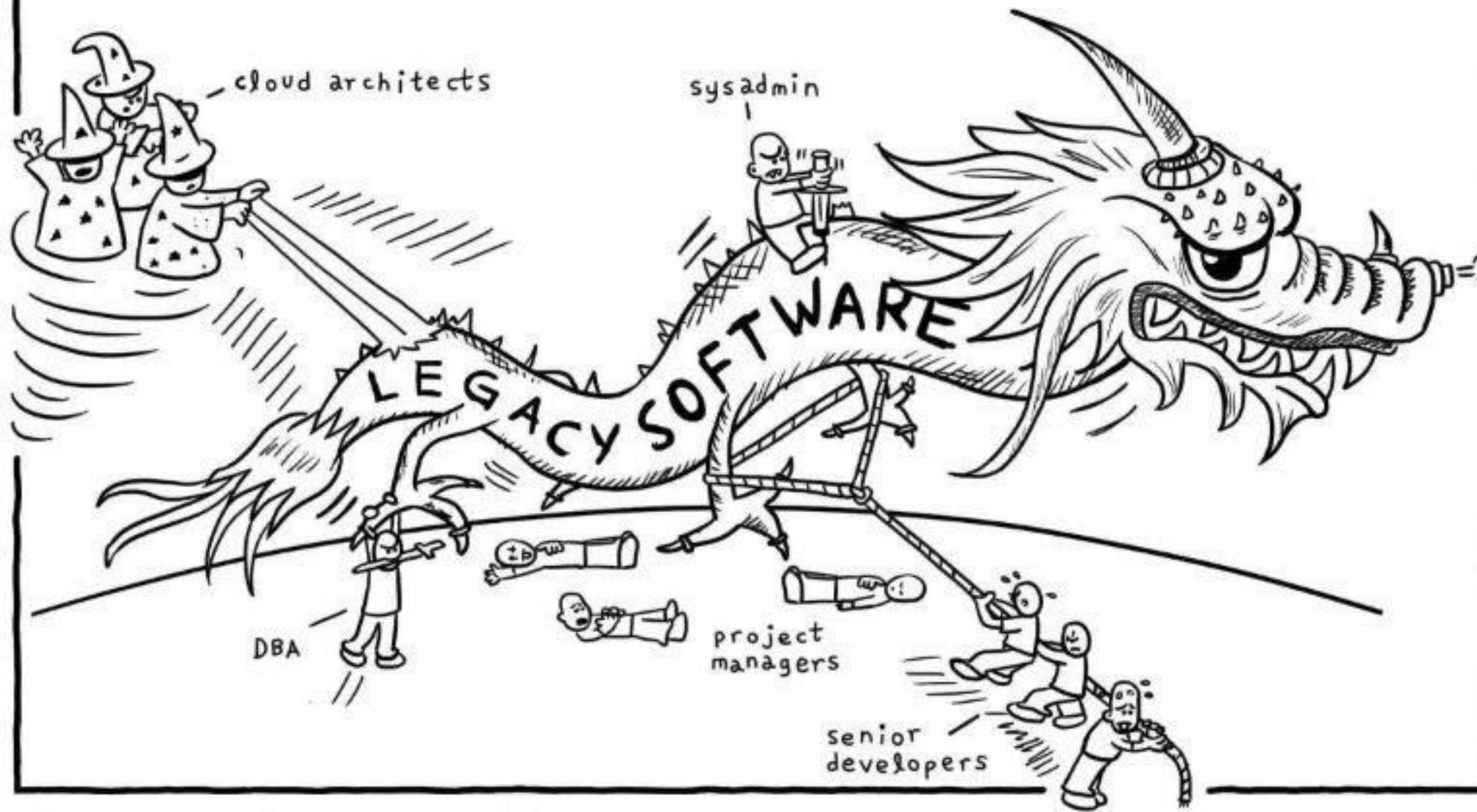
HORNO

MASA DE PIZZAS

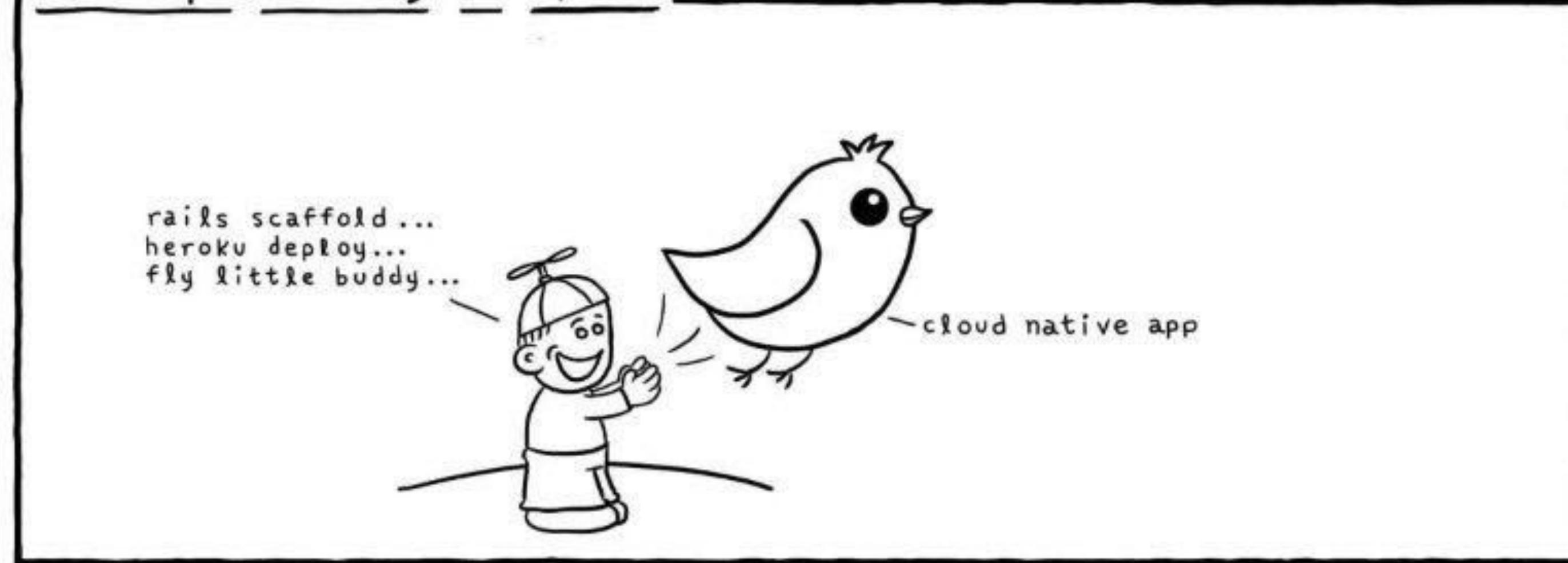
INGREDIENTES

Take and Bake

## The Enterprise Journey to Cloud



## Startups Journey to Cloud



# SERVIDORES PEQUEÑOS



...flexibilidad, redundancia...



# SERVIDORES RECICLABLES

...son ganado, no mascotas...

...pero...

# Muchos Servidores

Vulnerabilidades

Warm UP

## Actualizaciones

Parches

Downtime

Discos Llenos







NO TENGAS  
SERVIDORES



SI NO TIENES...

# Pizza as a Service (PaaS)

MESA

BEBIDAS

HORNO

MASA DE PIZZAS

INGREDIENTES

Pizza Delivery

# Hablemos de SERVERLESS

... ya era hora...

**Serverless es un grupo de  
principios de arquitectura**

**Usar un servicio de cómputo  
para ejecutar código a demanda**



## AWS Lambda

Ejecute el código sin pensar en los servidores.  
Pague solo por el tiempo de computación que consuma.

# Escribir funciones stateless de un solo propósito

Escribir funciones **stateless**  
de un solo propósito

Diseña procesos basados en  
eventos

# Dale poderes a tu frontend



# POWER

WITH GREAT POWER COMES GREAT RESPONSIBILITY

# Adopta servicios de terceros

# Pizza as a Service (SaaS)

MESA

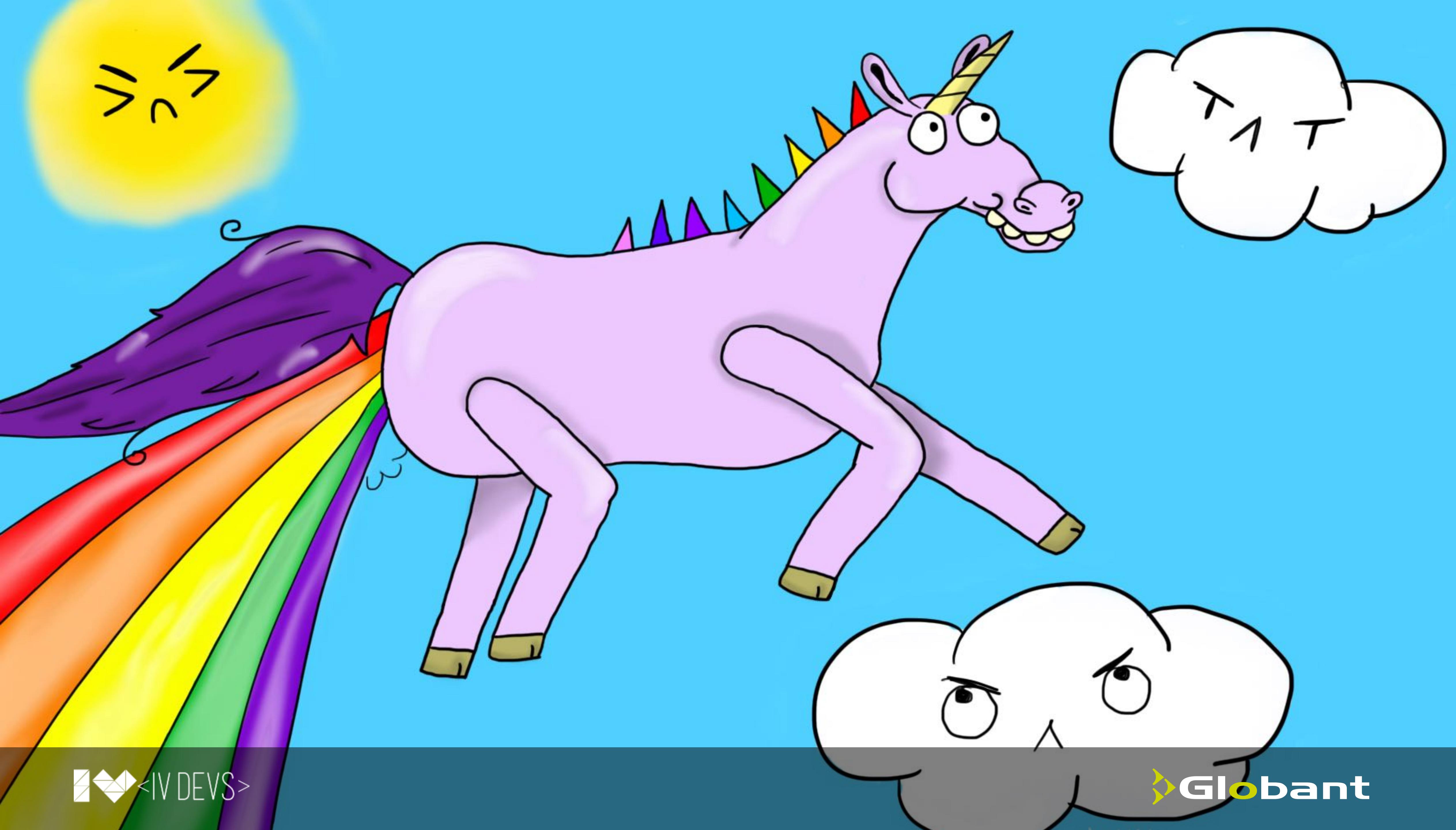
BEBIDAS

HORNO

MASA DE PIZZAS

INGREDIENTES

Dinning Out



# VENTAJAS

# CAPT. OBVIOUS

Didn't see  
that comin'...  
Did ya!!!



# Es F\*\*\*\*\* SERVERLESS



# Flexible



# Escalable



SANTIAGO - P. ARENAS

Low cost



# Menos código

# DESVENTAJAS

# Public Cloud

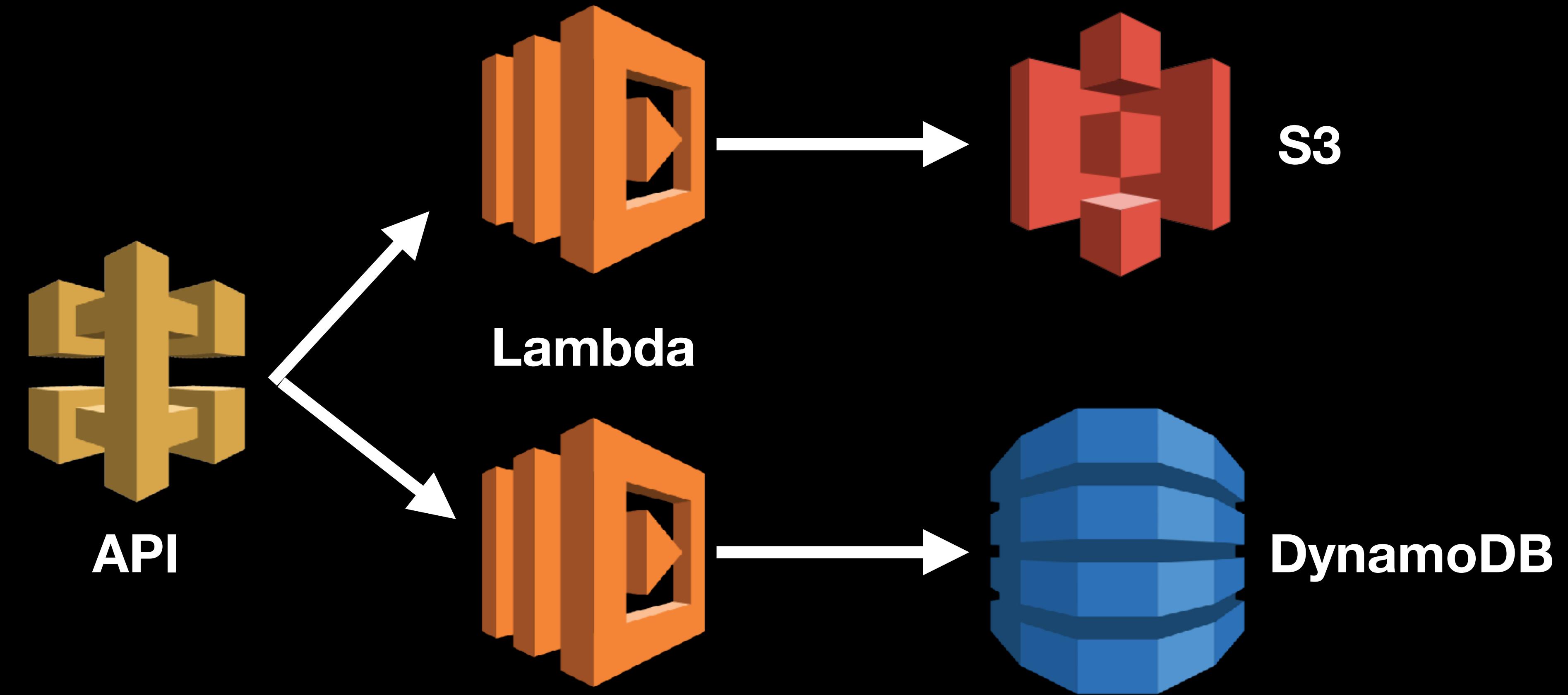
# Confianza en los SLA

# Poca personalización

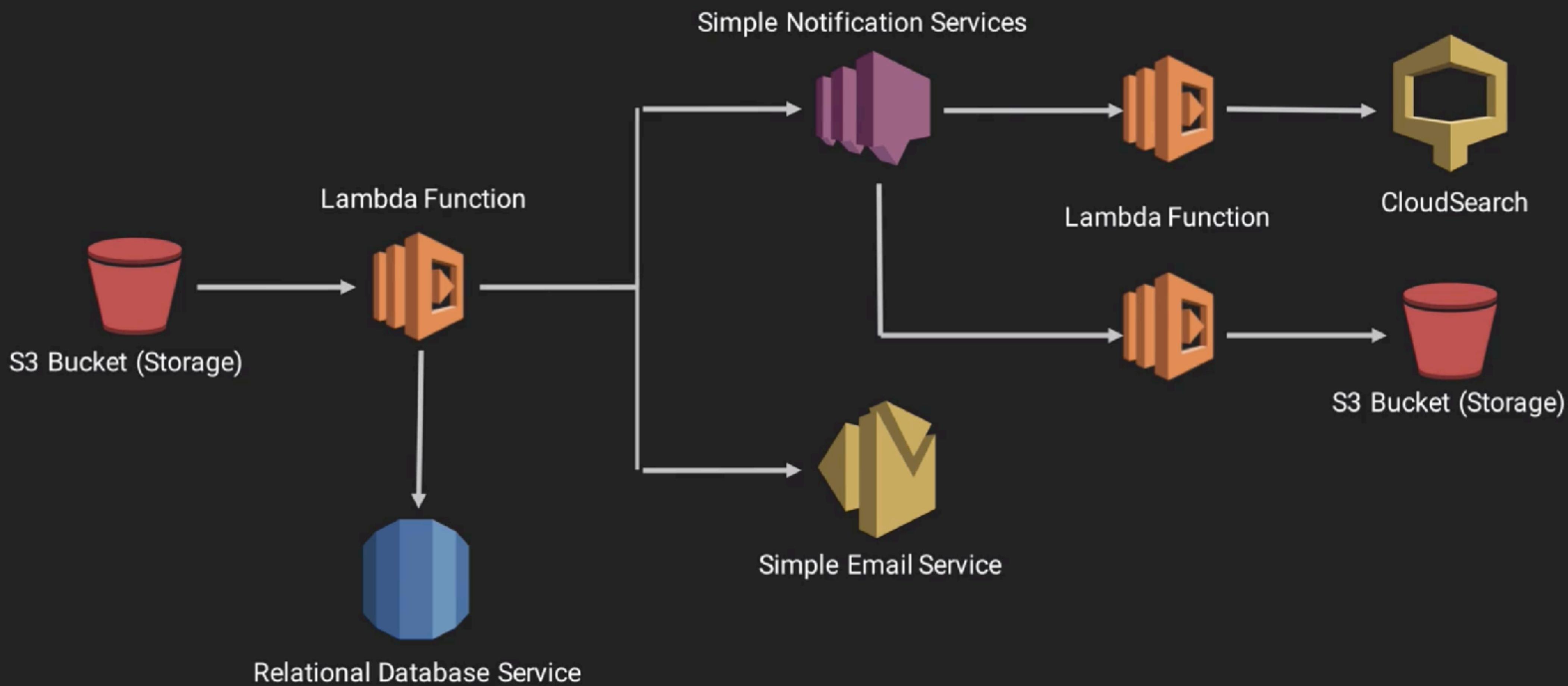
# Vendor lock-in

# Desafíos de descentralización

# Patrones

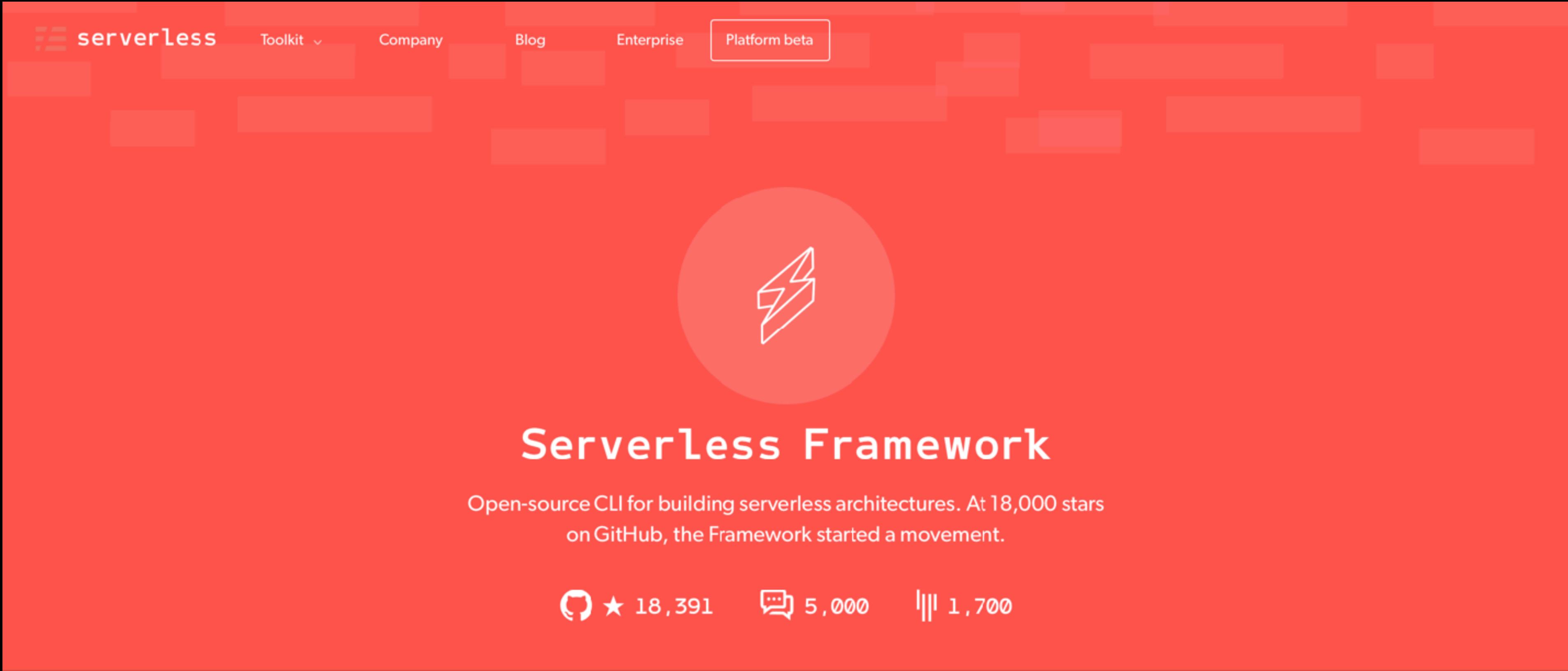


# Compute as Backend



# Compute as Glue

# Y ahora que???

The screenshot shows the homepage of the Serverless Framework. At the top, there's a navigation bar with links for "serverless", "Toolkit", "Company", "Blog", "Enterprise", and "Platform beta". Below the navigation is a large red circular icon containing a white lightning bolt symbol. Underneath the icon, the text "Serverless Framework" is displayed in a large, bold, white sans-serif font. Below this, a subtitle reads "Open-source CLI for building serverless architectures. At 18,000 stars on GitHub, the Framework started a movement." At the bottom of the main content area, there are three social media icons with their respective statistics: 18,391 stars (GitHub), 5,000 discussions (Discord), and 1,700 pull requests (GitHub).

# serverless.com



# Serverless Stack

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Learn to Build Full-Stack Apps with Serverless and React on AWS

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**[serverless-stack.com](https://serverless-stack.com)**

# DEMO

[demo.serverless-stack.com](http://demo.serverless-stack.com)



DynamoDB



S3 Bucket



Cognito User Pool

# API



Create



Get



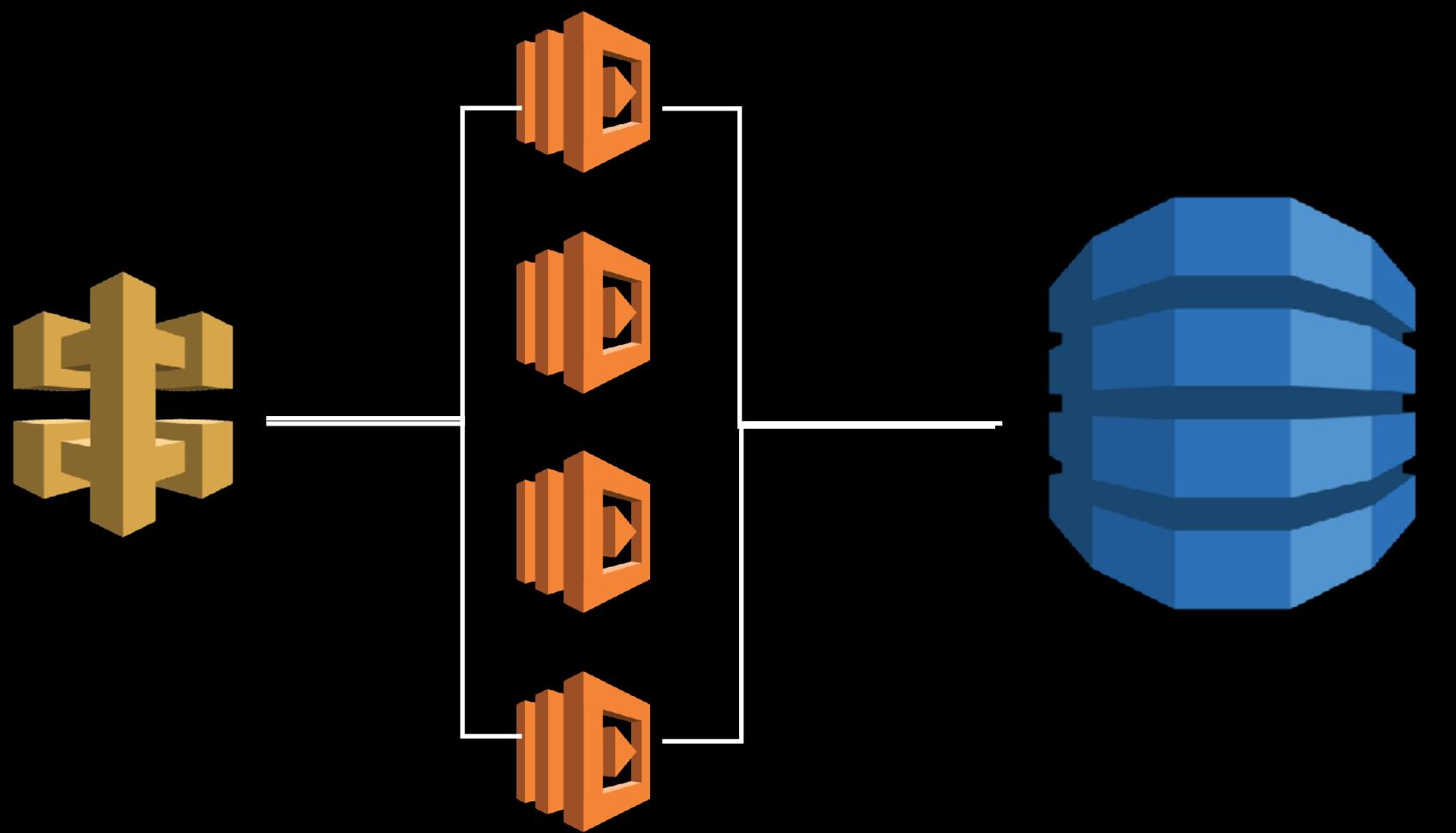
Update

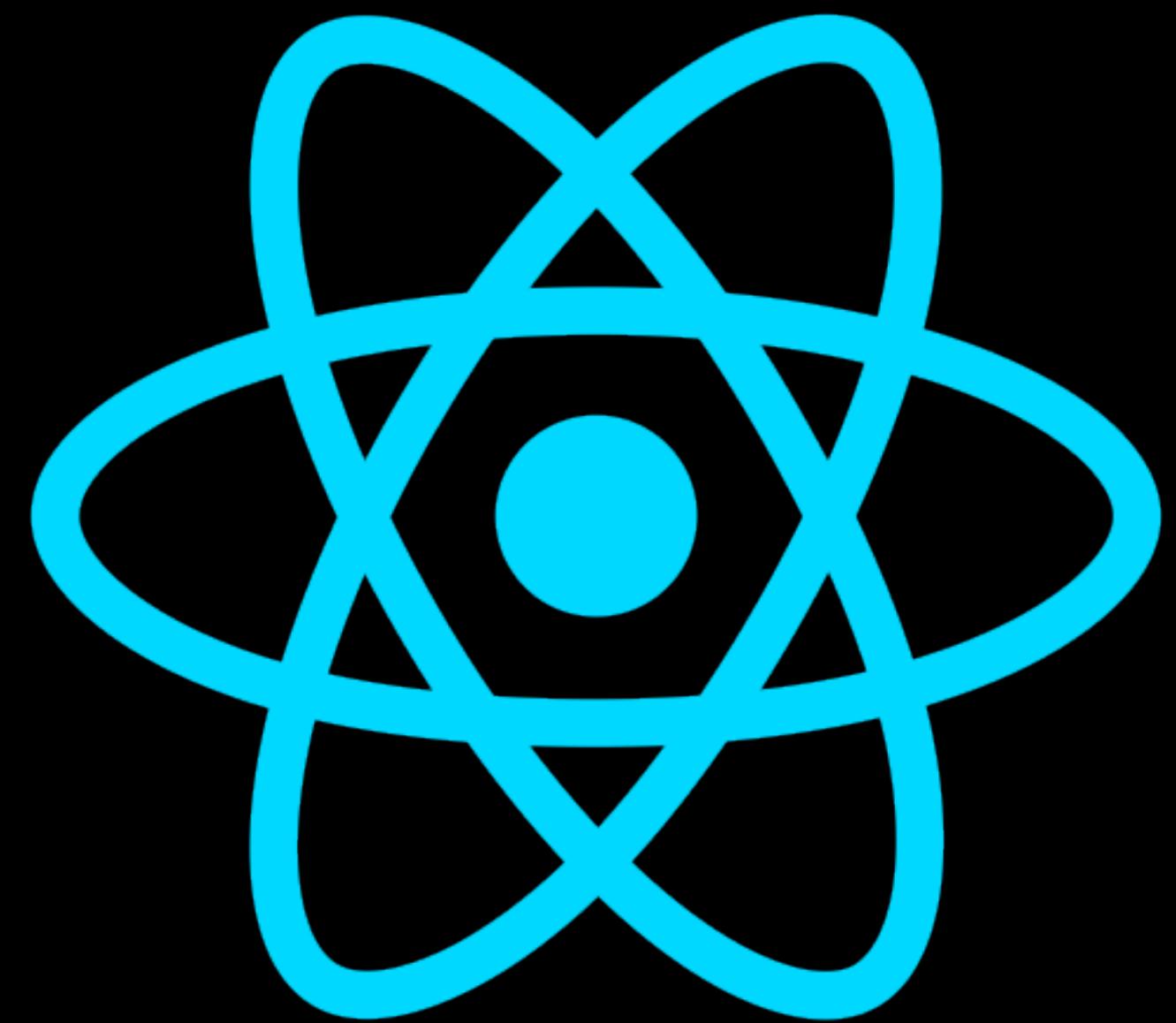


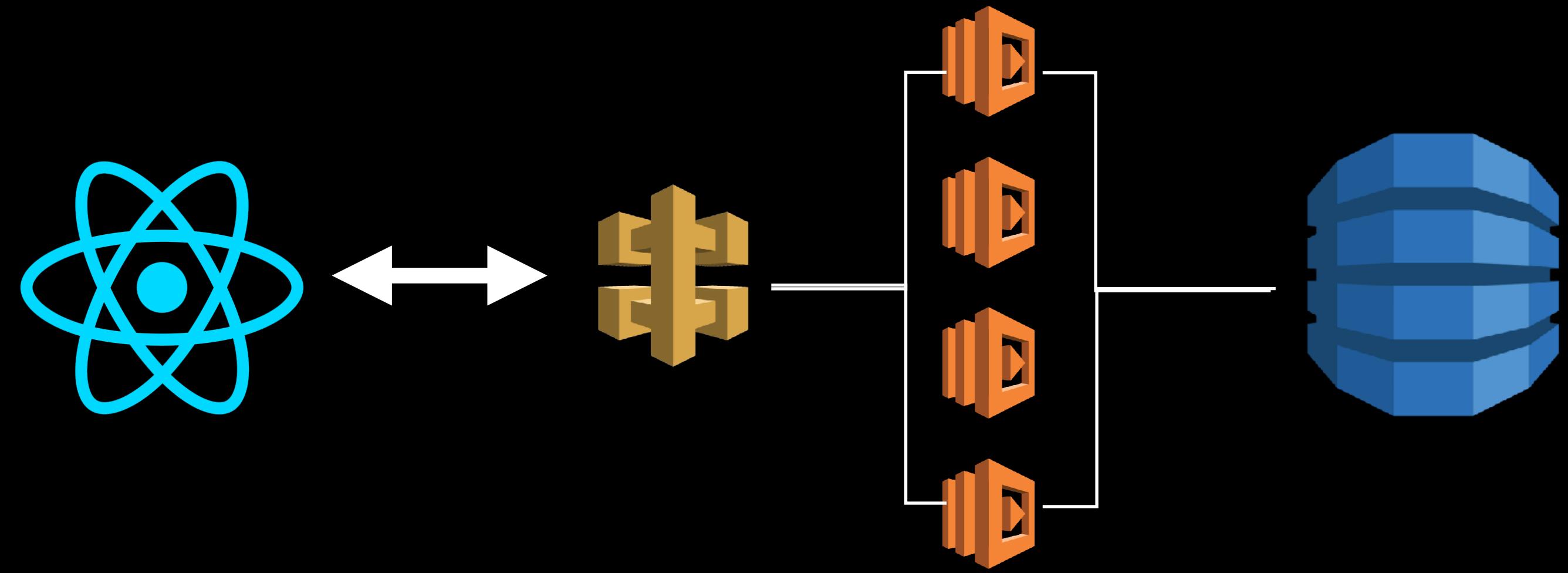
List

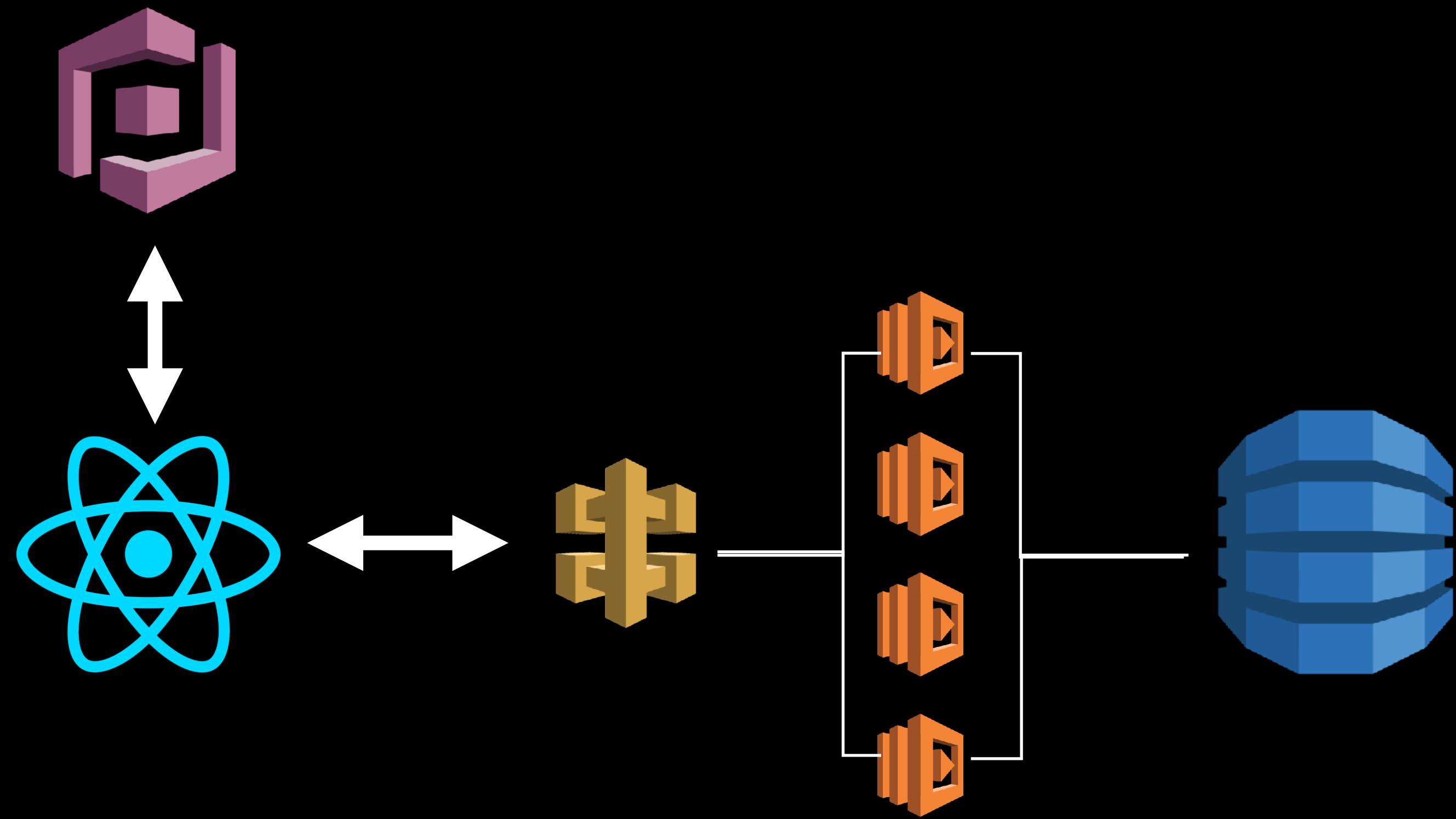


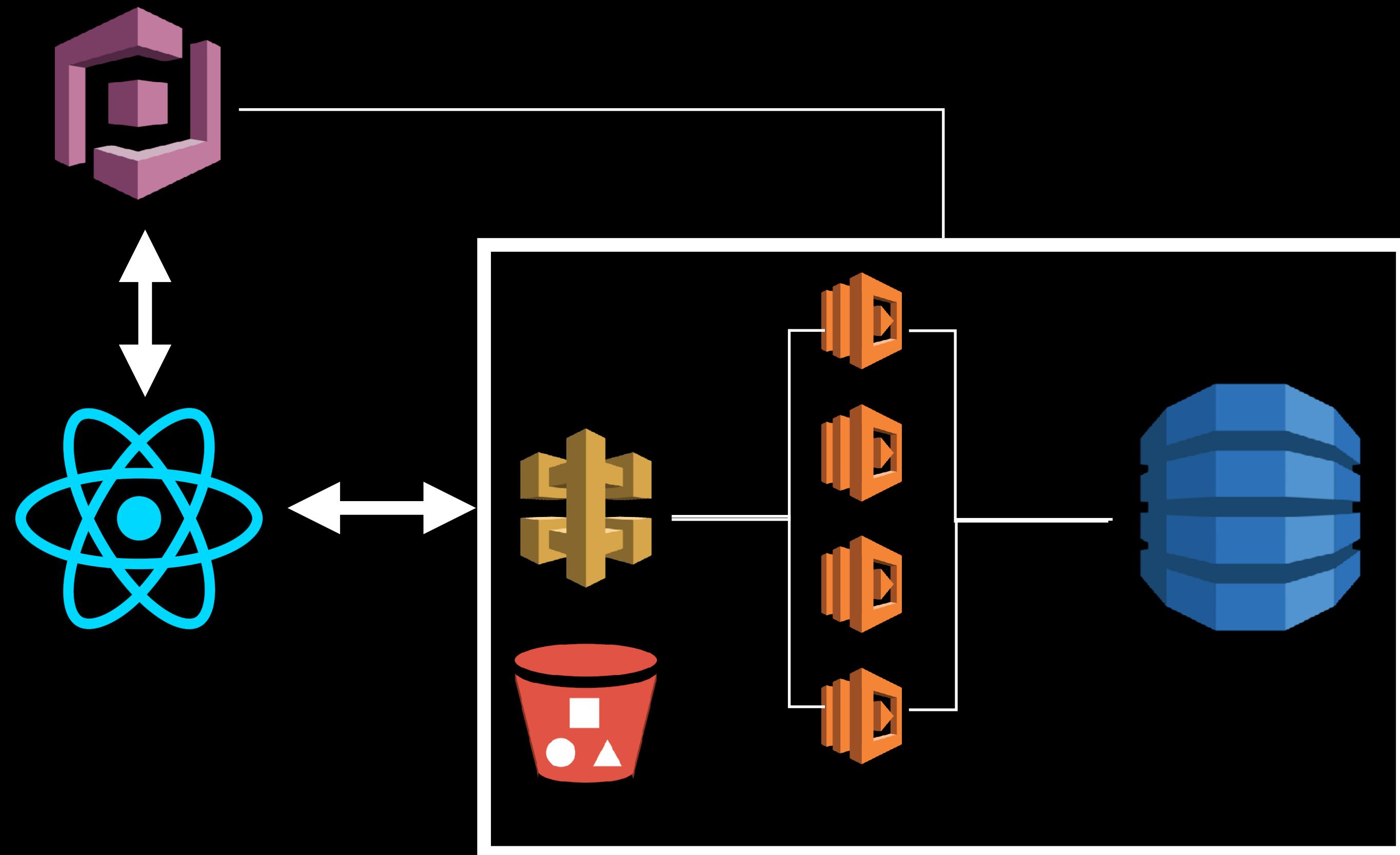
Delete

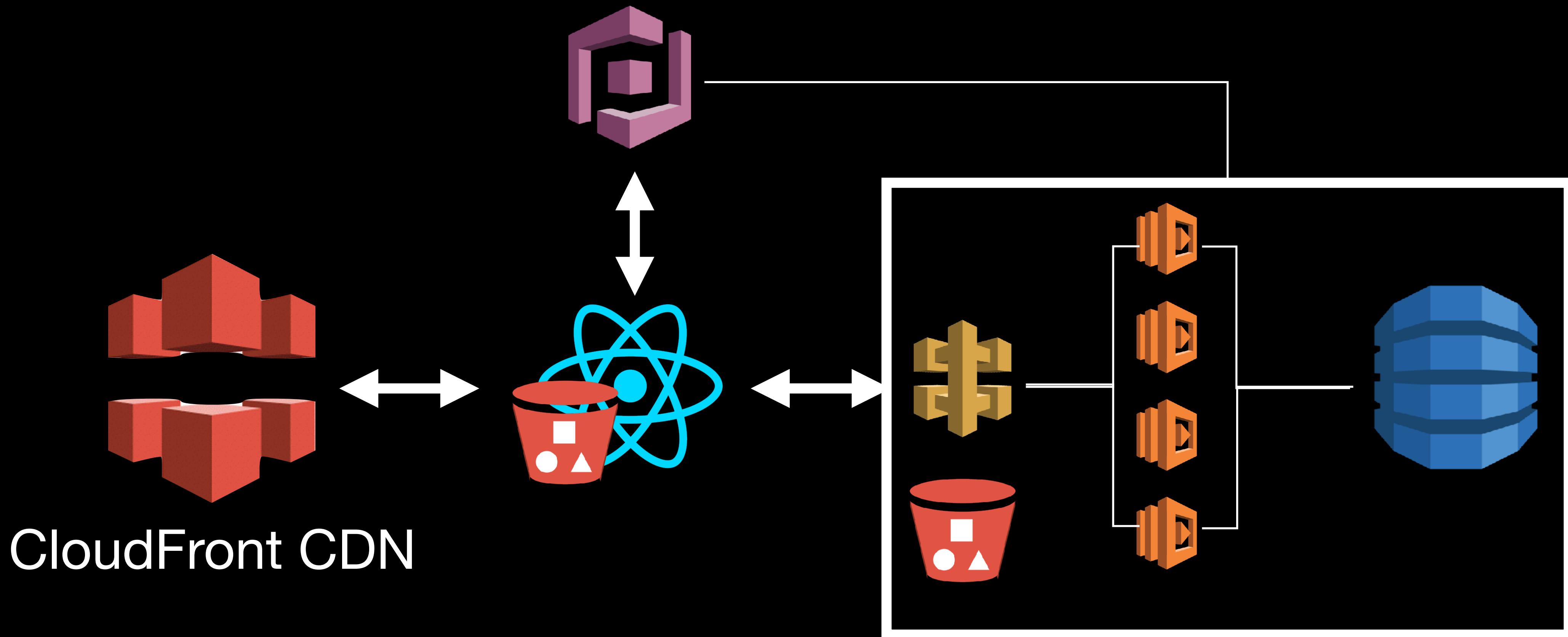












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