



DO SERVIDOR FÍSICO À  
SERVERLESS NA AWS

# #WHOAMI

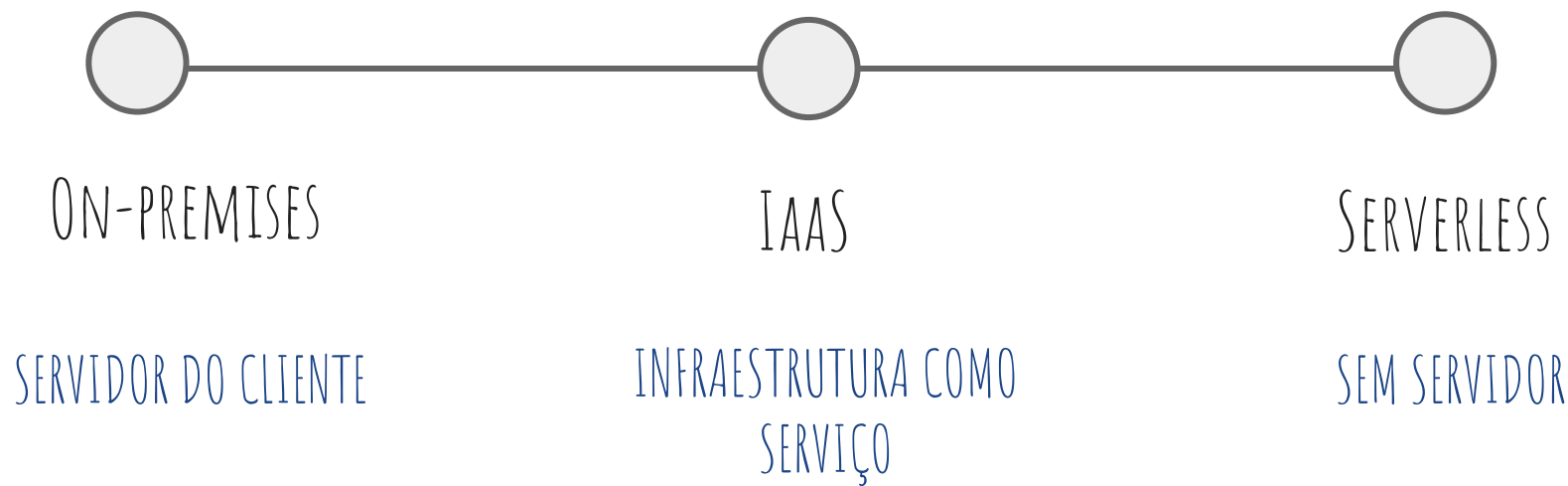


- 2 DEVS
- ADAPCON
- TIME PRO

KELVIN STANG OENNING  
RICARDO LUIS BAEHR



# #TIMELINE

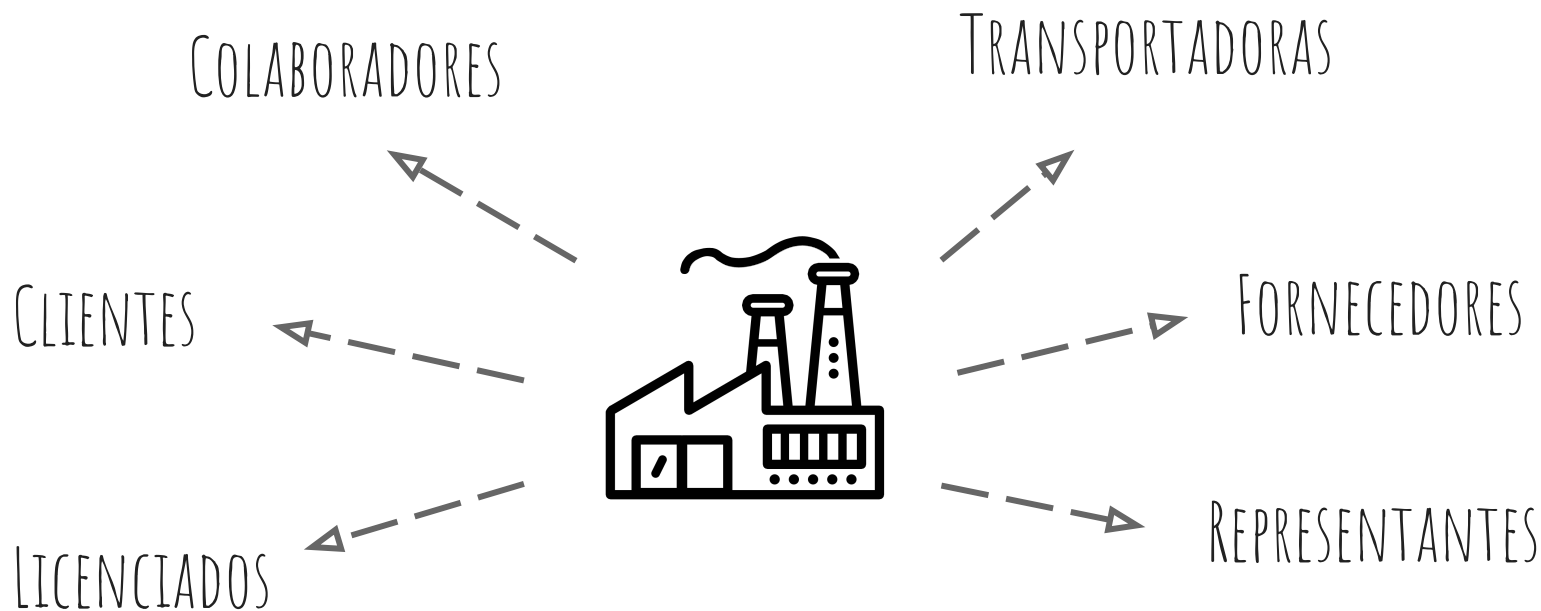


# #CONTEXTO

PORTAL DE  
RELACIONAMENTO  
ONLINE



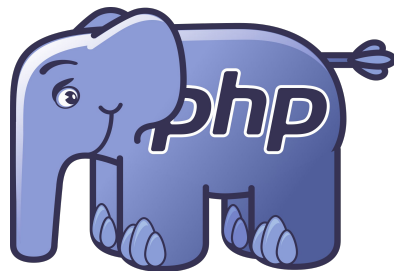
# #CONTEXTO: PORTAL DE RELACIONAMIENTO ONLINE

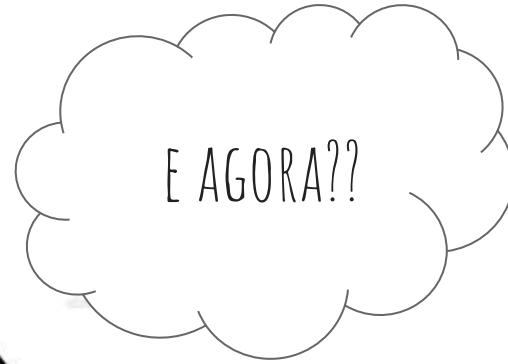


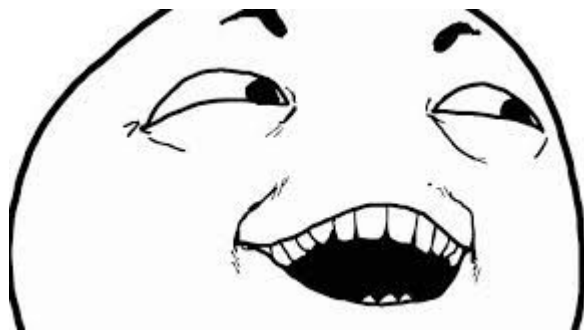
# #STEP 1: ON-PREMISES

V 1.0

- NOVO CLIENTE = NOVO SERVIDOR
- DEPLOY TRABALHOSO
- DEPENDÊNCIA DA INFRA DO CLIENTE
- MONOLITO
- ESCALABILIDADE







VAMOS PARA A NUVEM!





# #STEP 2: IAAS

V 2.0

- ~~NOVO CLIENTE - NOVO SERVIDOR~~
- ~~DEPLOY TRABALHO~~
- ~~DEPENDÊNCIA DA INFRA DO CLIENTE~~
- MONOLITO
- ESCALABILIDADE ???



Amazon EC2



# #STEP 2: IAAS

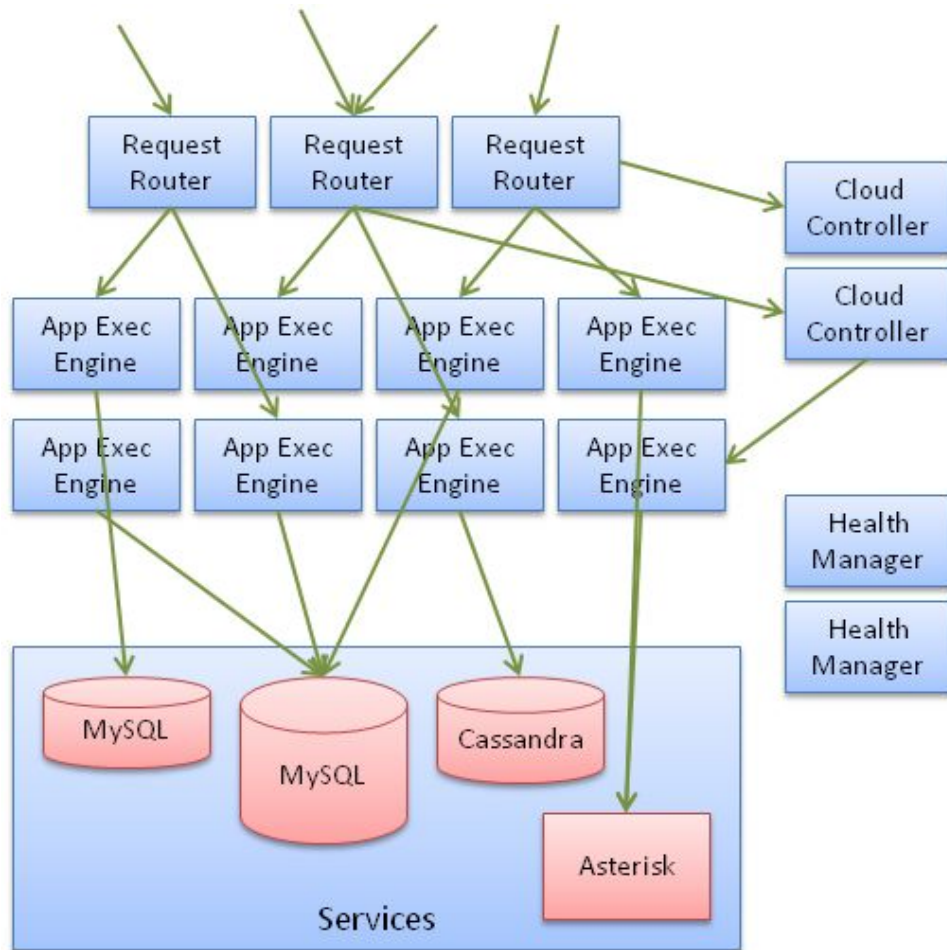
TO NA NUVEM!!

AGORA É SÓ ESCALAR  
(QUANTOS SERVERS O CARTÃO AGUENTAR)



# ESCALAR É HARD

- ARQUITETURA COMPLEXA
- ADEQUAR SOFTWARE (STATELESS)
- CARO
- 2 DEVS



LOVE(CODE)





# #STEP 3: SERVERLESS

V 3.0



07/12/2016



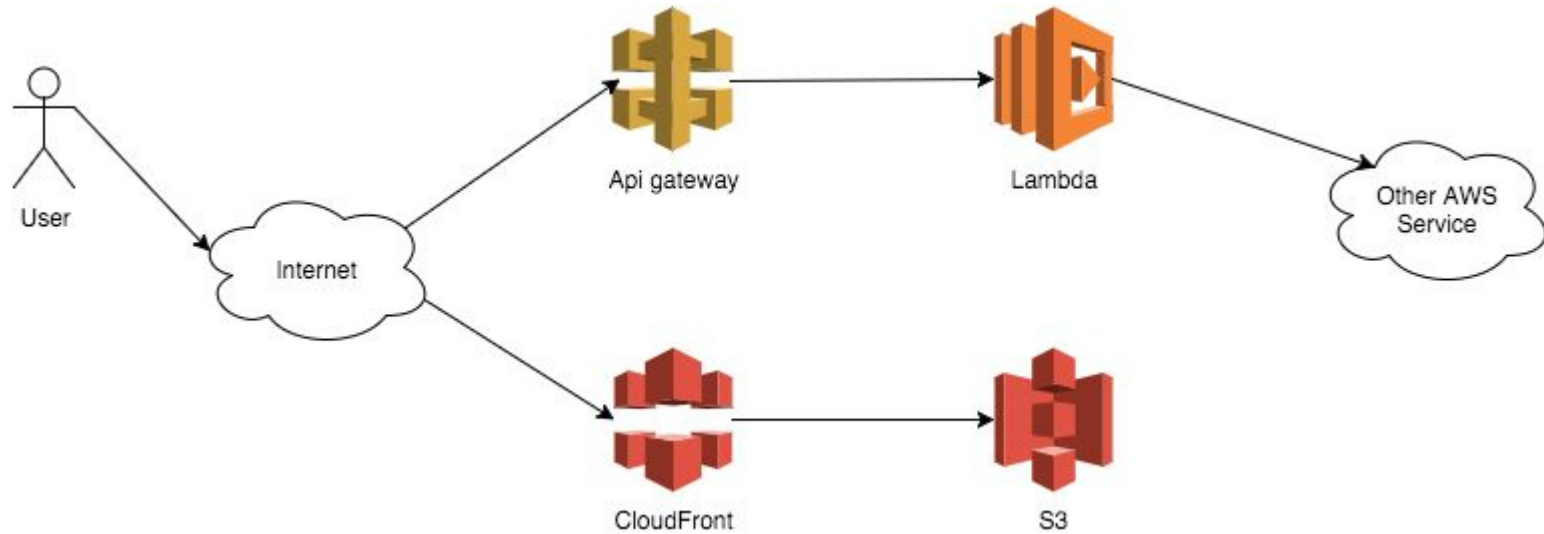


[HTTPS://AWS.AMAZON.COM/PT/SERVERLESS/](https://aws.amazon.com/pt/serverless/)



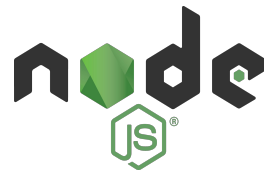
# #STEP 3: SERVERLESS

V 3.0



# #STEP 3: SERVERLESS

- ~~NOVO CLIENTE - NOVO SERVIDOR~~
- ~~DEPLOY TRABALHOSO~~
- ~~DEPENDÊNCIA DA INFRA DO CLIENTE~~
- ~~MONOLITO~~ MICRO SERVIÇOS
- ~~ESCALABILIDADE~~



V 3.0



Vue.js



ELECTRON





# O QUE APRENDEMOS

- UTILIZAR RECURSOS DE FORMA CONSCIENTE
- COLD START
- NÃO INDICADO PARA EXECUÇÕES LONGAS
- PRESO AO FORNECEDOR (FRAMEWORK SERVERLESS)
- É PRECISO PENSAR SERVERLESS



# TECHNOLOGY RADAR

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Techniques

Tools

Platforms

Languages &amp; Frameworks

## ADOPT ?

1. Pipelines as code

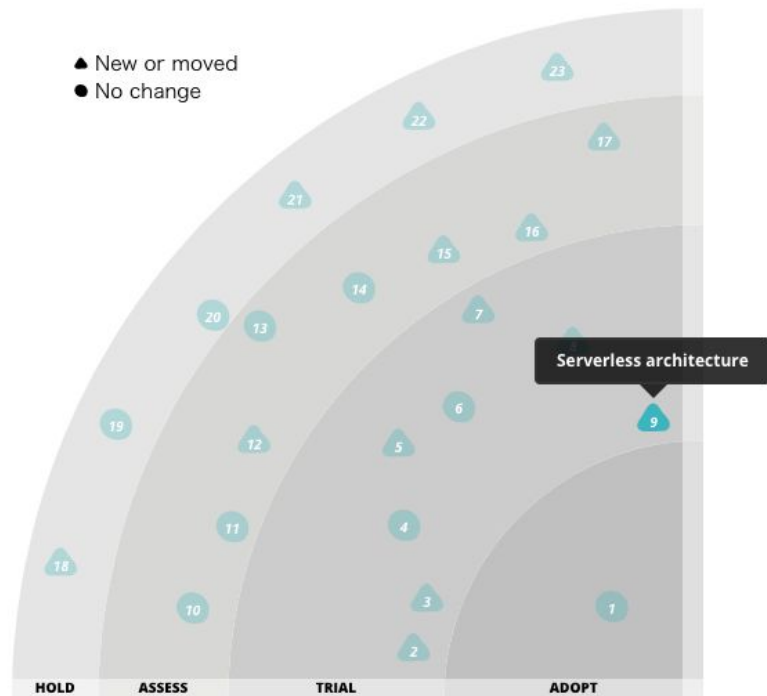
## TRIAL ?

2. APIs as a product
3. Decoupling secret management from source code **new**
4. Hosting PII data in the EU
5. Legacy in a box **new**
6. Lightweight Architecture Decision Records
7. Progressive Web Applications **new**
8. Prototyping with InVision and Sketch **new**
9. Serverless architecture

## ASSESS ?

10. Client-directed query
11. Container security scanning
12. Conversationally aware APIs **new**
13. Differential privacy
14. Micro frontends
15. Platform engineering product teams **new**

- ▲ New or moved
- No change





OBRIGADO!!

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