



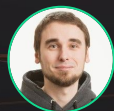
# Camunda Cloud Demo

Camunda In Action



**Felix Müller**

Director, Product Management at Camunda



**Sebastian Menski**

Director, Engineering at Camunda

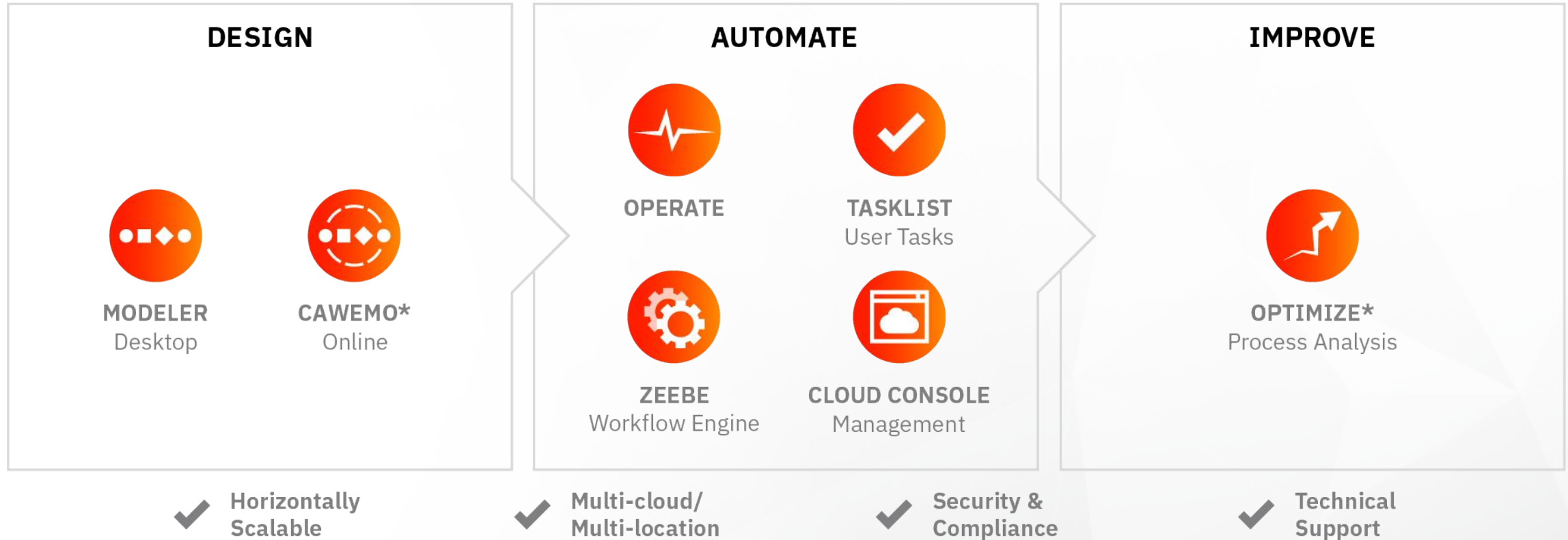
# Agenda

- What is Camunda Cloud
  - Five “why’s” of Camunda Cloud
  - Build a working BPMN process in 5 minutes
- Architecture
- Camunda Cloud In Action
- Questions

# What is Camunda Cloud?

## On-demand Process Automation as a Service

# Camunda Cloud Components



\* Coming soon

# Why<sup>1</sup> build it?

Strong market demand for modern cloud-ready architecture.



# Why<sup>2</sup> modern cloud architecture?

Faster throughput, lower latency, improved resilience that scales with your business.

**Why<sup>3</sup> faster?**

**Why<sup>4</sup> more resilient?**

**Your customers expect better, faster, more seamless experiences at every touchpoint.**

**Downtime is NOT an option.**

**Why<sup>5</sup>?**

**Wouldn't you expect the same?**





# CAMUNDA CON LIVE

**Demo**  
Build a working BPMN model in 5 minutes

#CAMUNDACON



**CAMUNDA**  
**CON**  
**LIVE**

**Architecture**

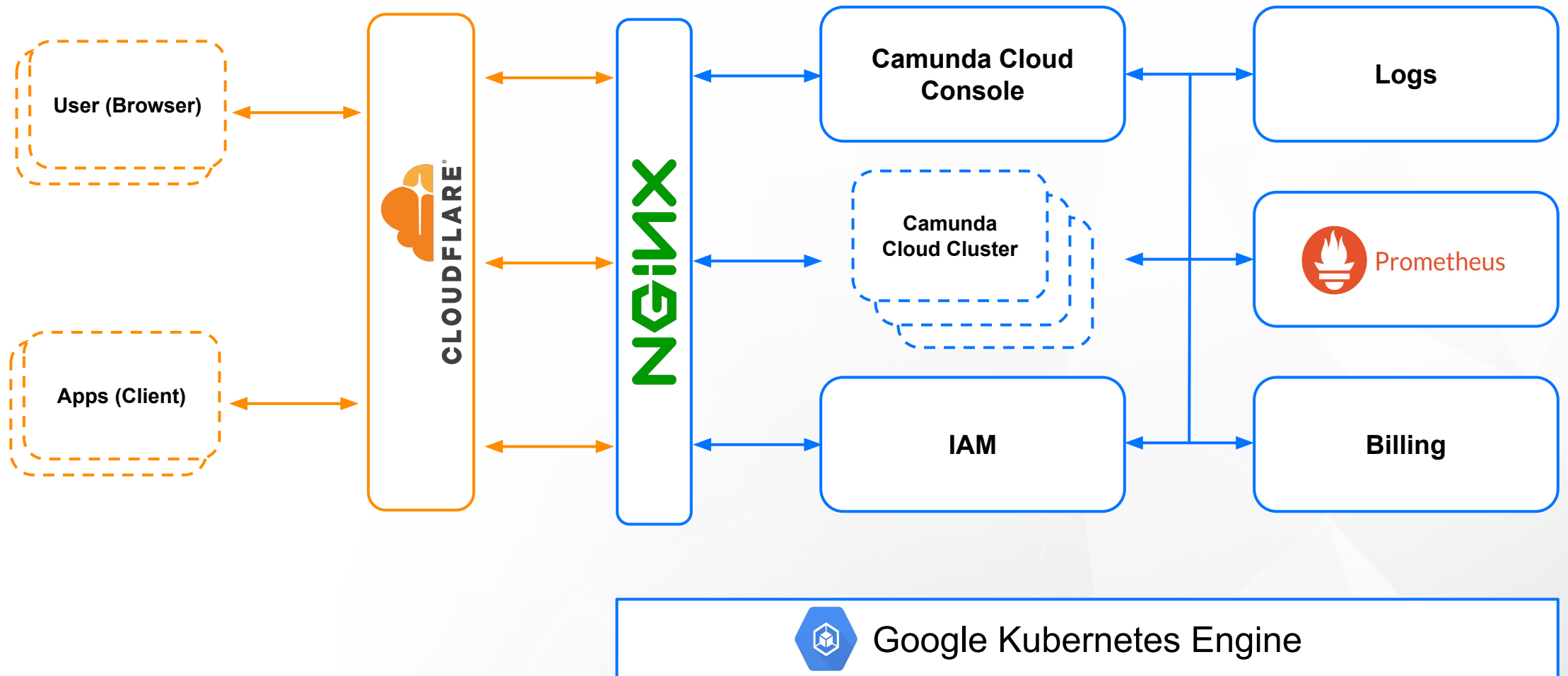
**#CAMUNDACON**

# Benefits of Modern Architecture

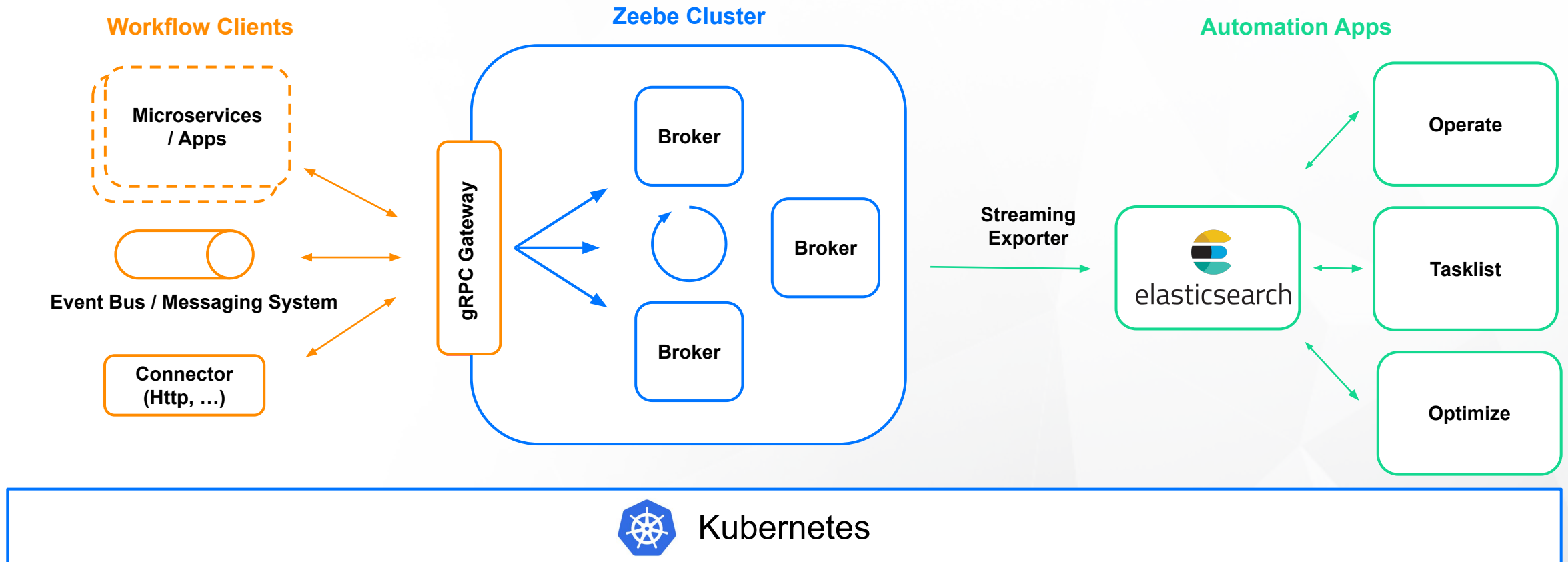
- Host on our **global infrastructure** or yours.
- Stable low-latency - **speed** at scale with no surprises.
- Horizontal **scale** to grow with your business.
- High **availability**
  - Automatic replacement of faulty nodes
  - Geographic **redundancy**
- Enterprise grade **security**
- Massive **throughput**



# SaaS Architecture

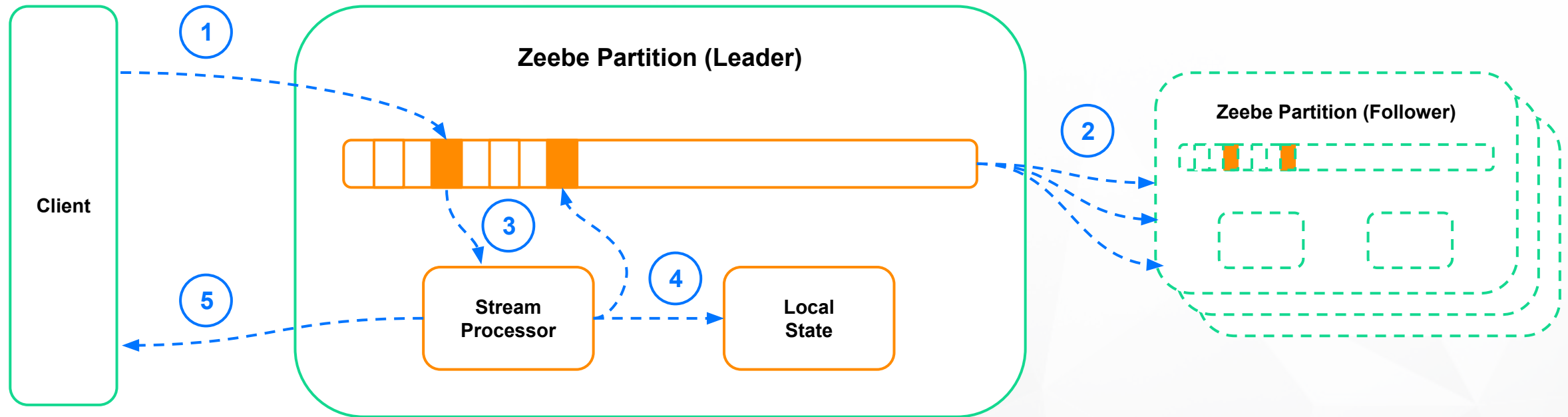


# Architecture: Camunda Cloud Cluster





# Architecture: Scaling Zeebe

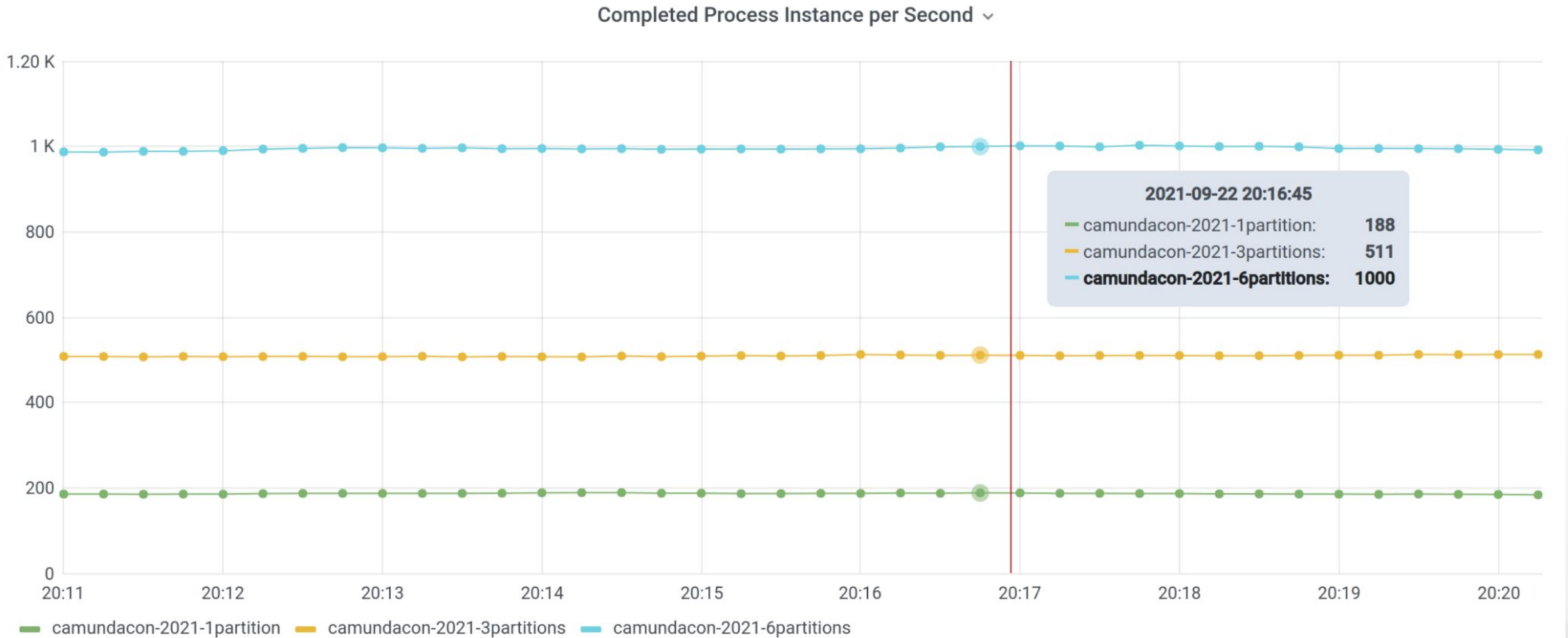


- ① Send & Append Command
- ② Replicate & Commit Command
- ③ Validate & Process Command
- ④ Apply to State & Write Event
- ⑤ Send Response

# Scaling Zeebe - Benchmark Setup

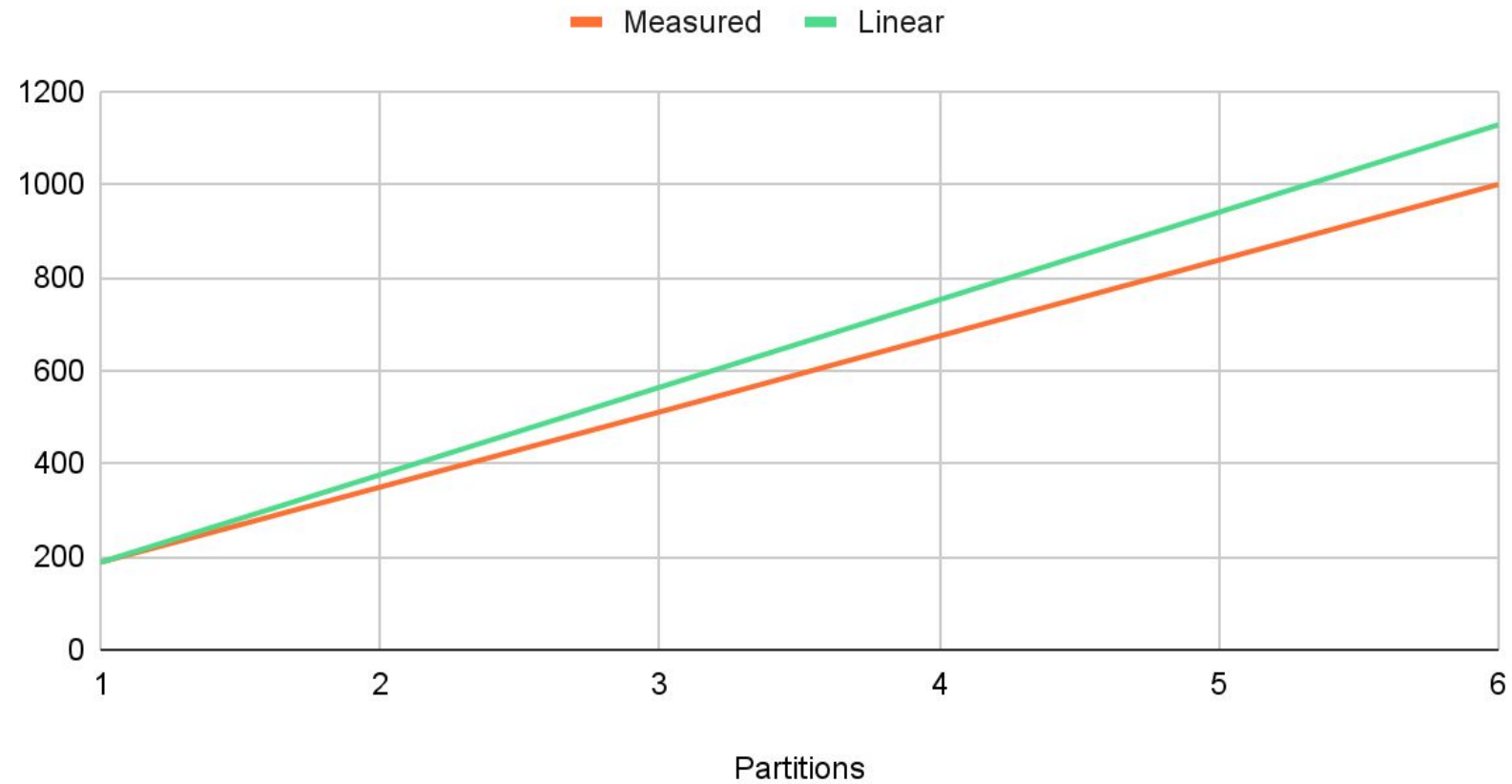
- Helm chart “camundacloud/zeebe-cluster-helm” from <https://helm.camunda.io/>
- 3 Cluster Sizes
  - 3 Nodes, **1 Partition**, Replication Factor 3
  - 6 Nodes, **3 Partitions**, Replication Factor 3
  - 9 Nodes, **6 Partitions**, Replication Factor 3
- Benchmark Process contains a single service task
- Measured are the completed process instances per second
- Out of the box configuration, no fine tuning was done

# Scaling Zeebe



# Scaling Zeebe

Completed Process Instances per Second





# CAMUNDA CON LIVE

Demo  
Diving deeper

#CAMUNDACON



# CAMUNDA CON LIVE

#CAMUNDACON

Sign-up for 30 day trial  
[camunda.io/signup](https://camunda.io/signup)

**CAMUNDA**  
**CON**  
**LIVE**

**Questions?**