

# True Hybrid Cloud App Dev

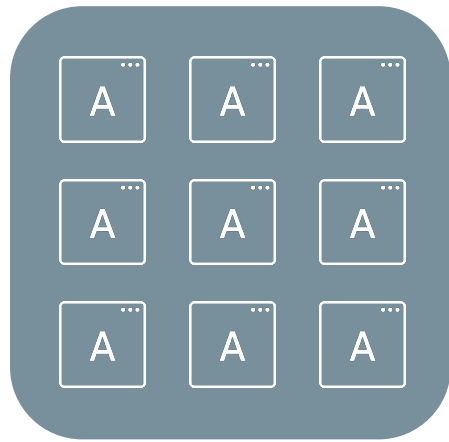
Building Manageable Cross Cluster Microservices Architectures

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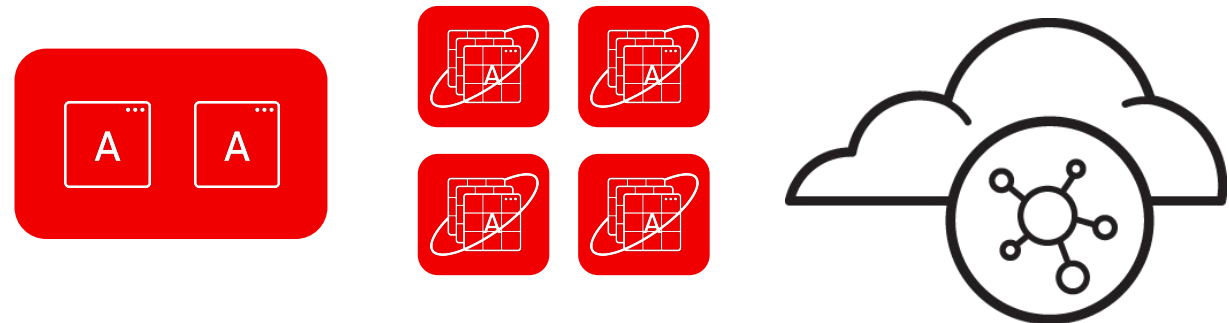
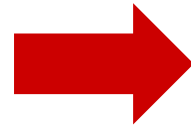
Duncan Doyle

Product Manager, Red Hat

# Modern application architectures

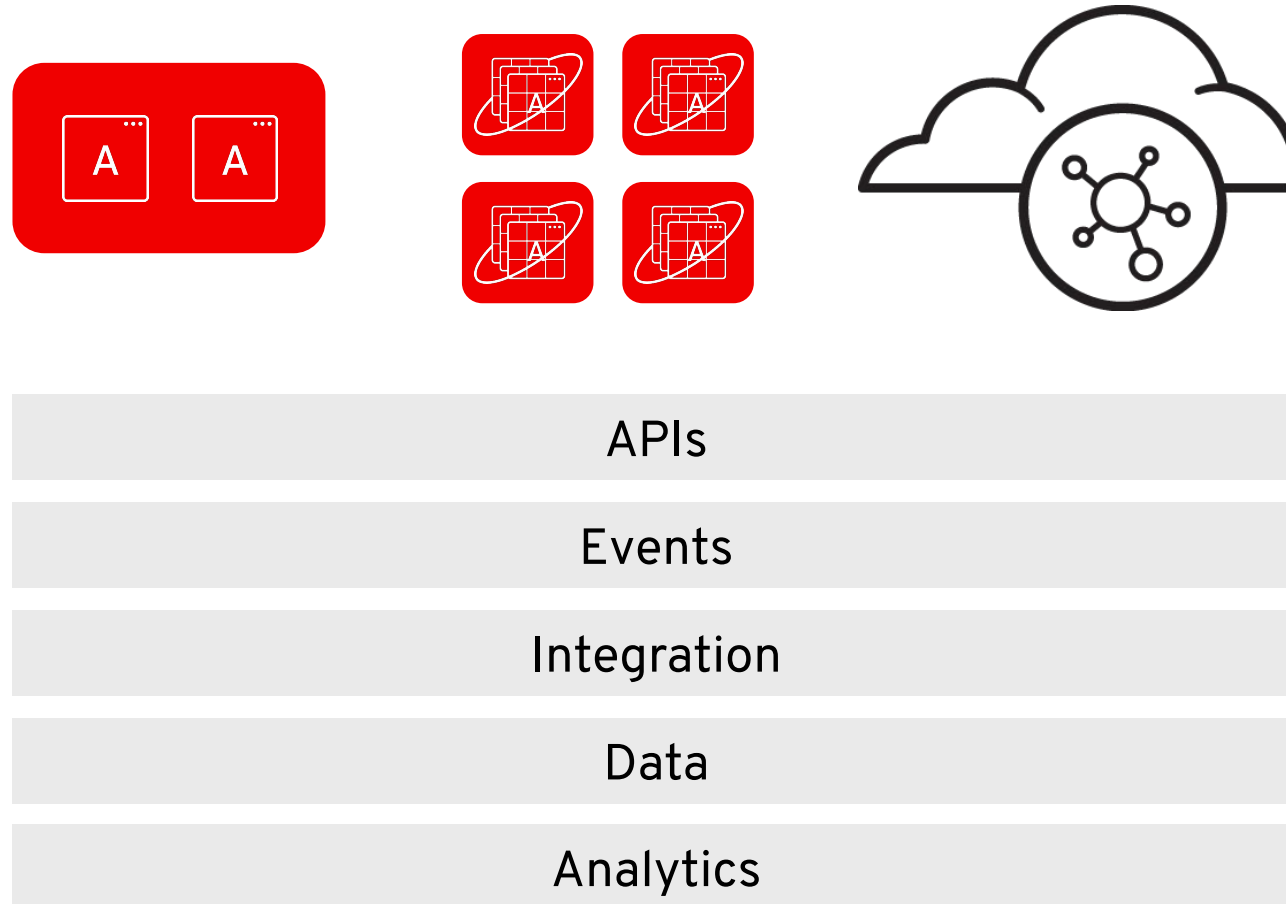


Traditional  
Architecture

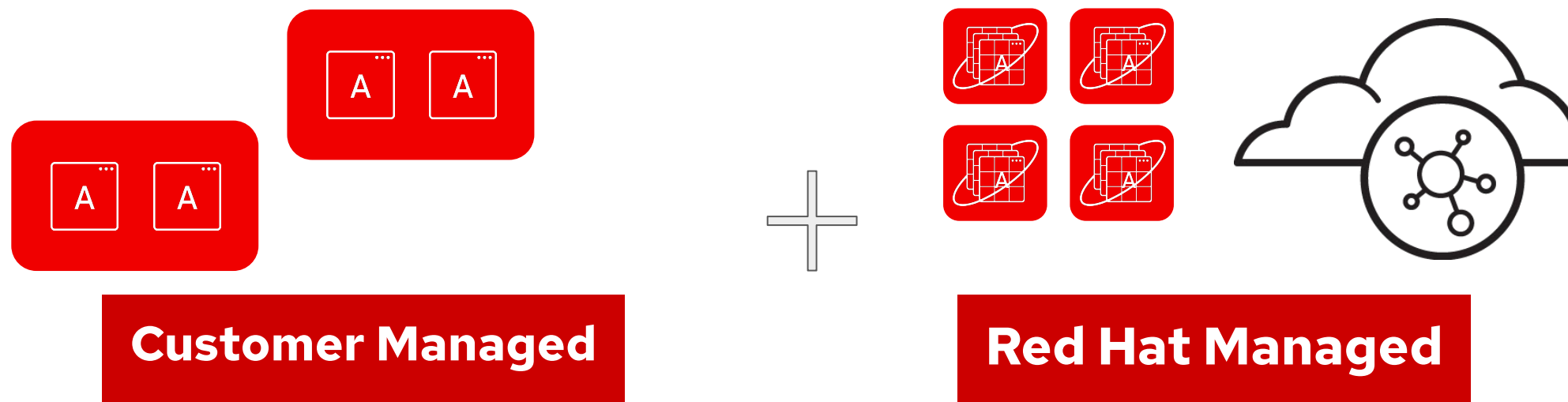


Modern Application  
Architecture

# Modern application architectures

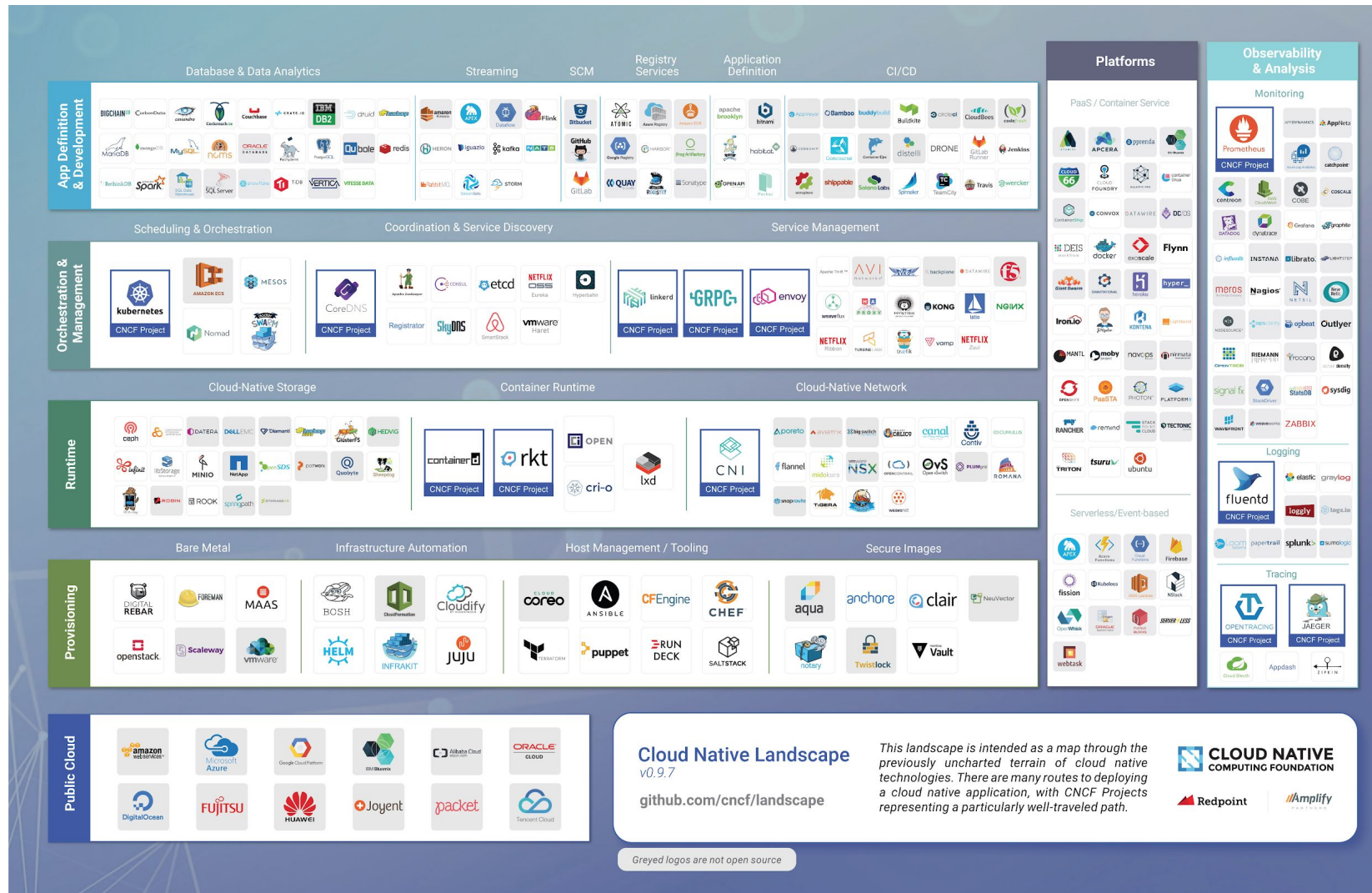


# Red Hat offers application delivery capabilities where and how customers need them

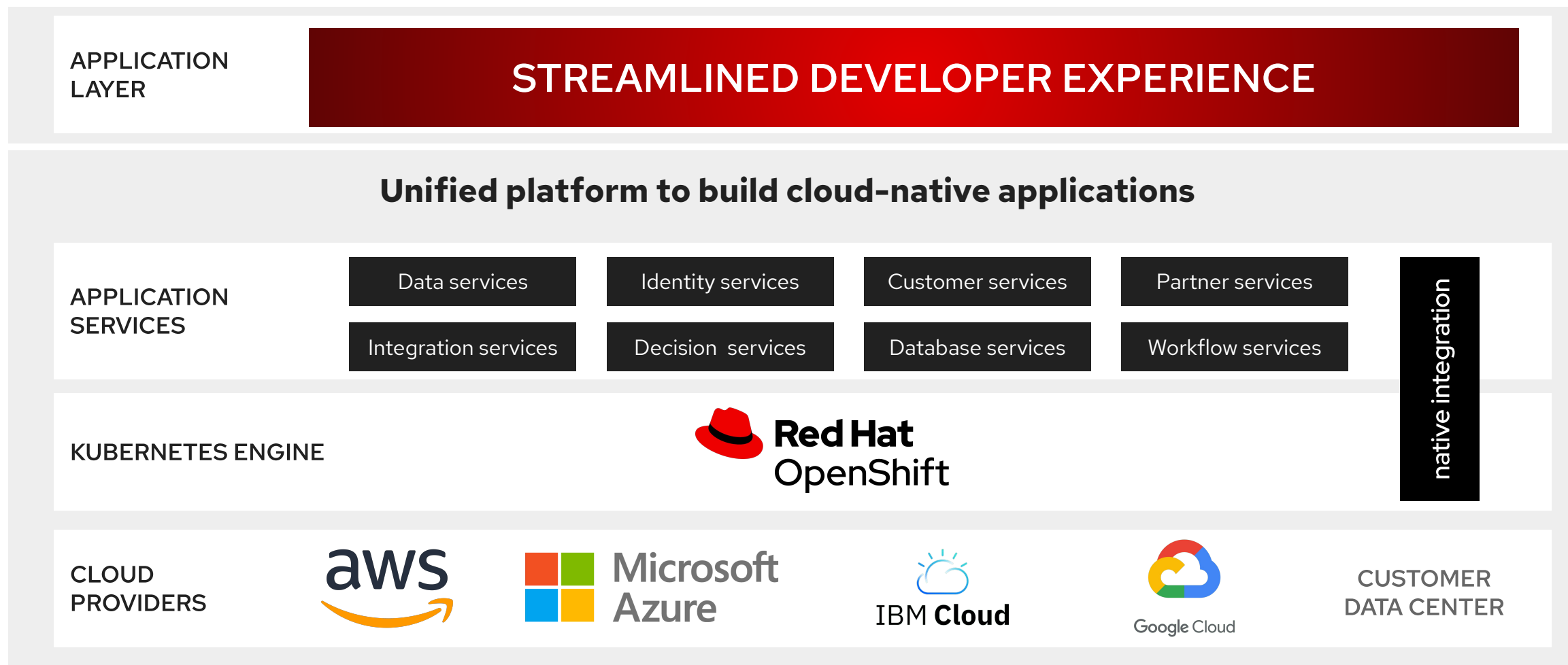


A Public Cloud like "Services" Access & Consumption Model Everywhere

# Cloud Native App Dev



# Open Hybrid Cloud Experience



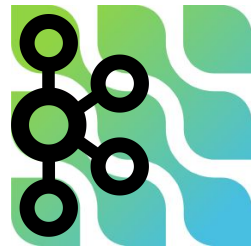
## Demo Components



**OPENSIFT**

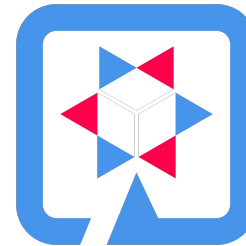
OpenShift

Open Source, Hybrid Cloud,  
Container Platform based on  
Kubernetes



Kafka & Debezium

Event Streams  
and  
Change Data Capture



Quarkus

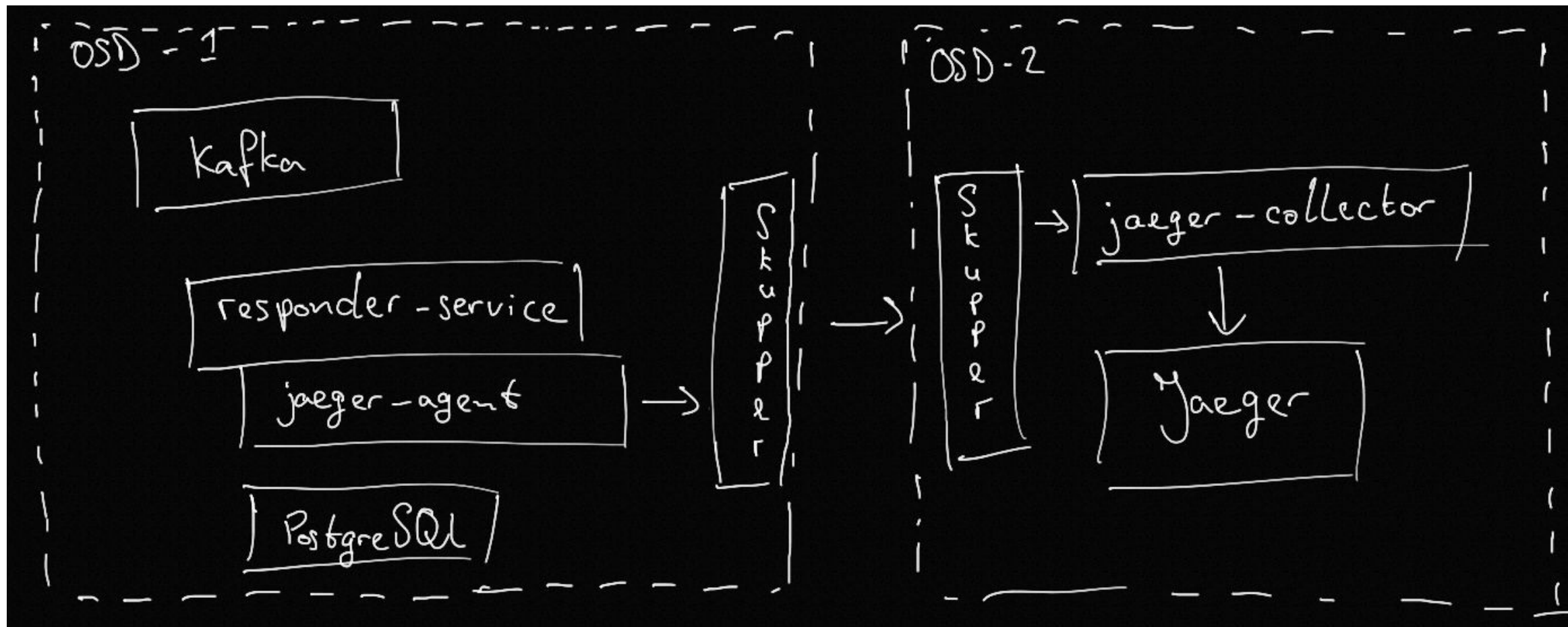
Full-stack, Kubernetes-native,  
Java Framework tailored for  
OpenJDK HotSpot and GraalVM



Camel & CamelK

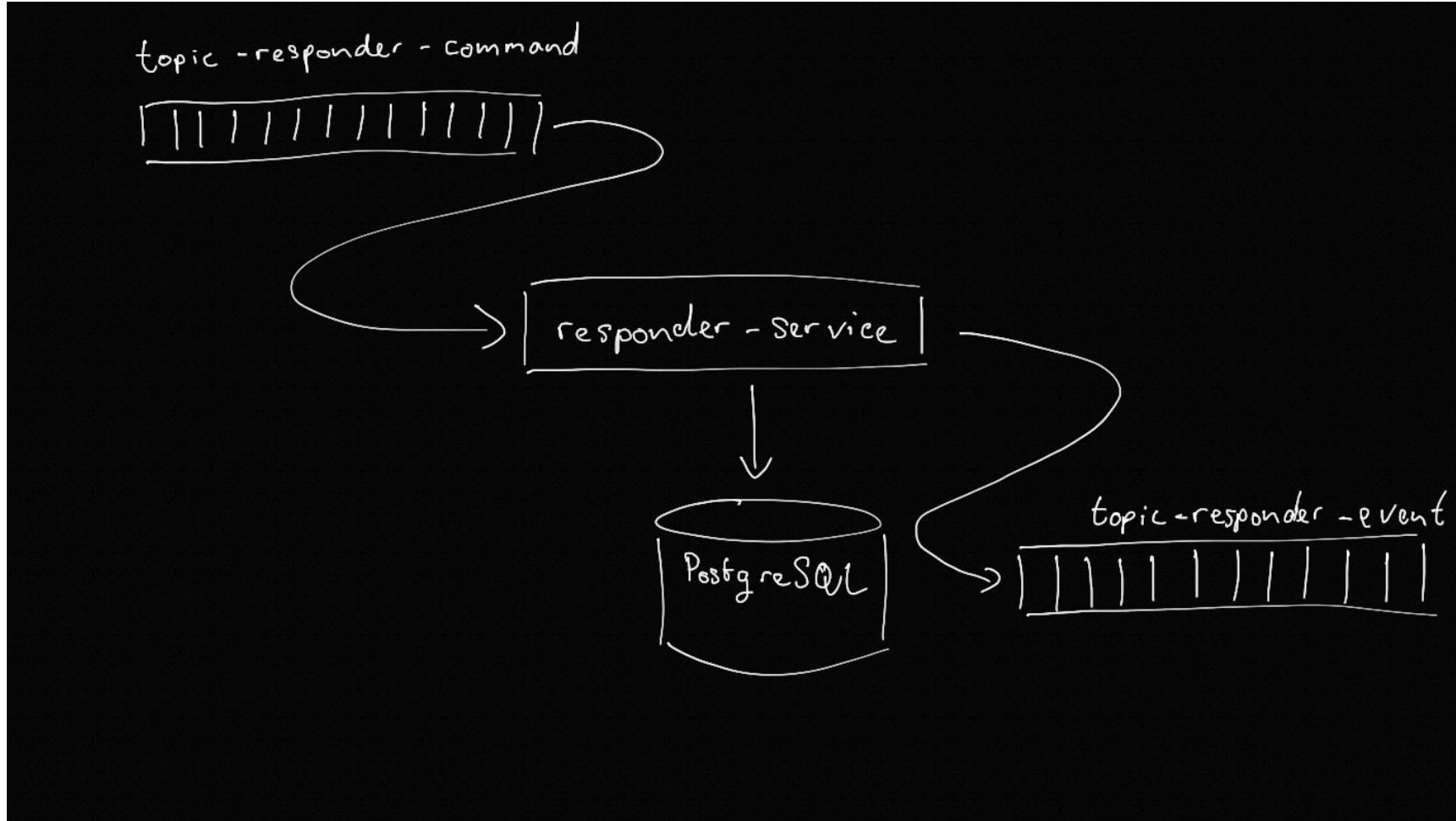
Open Source Integration framework  
with 100s of connectors.

# Open Hybrid Cloud Experience - Demo

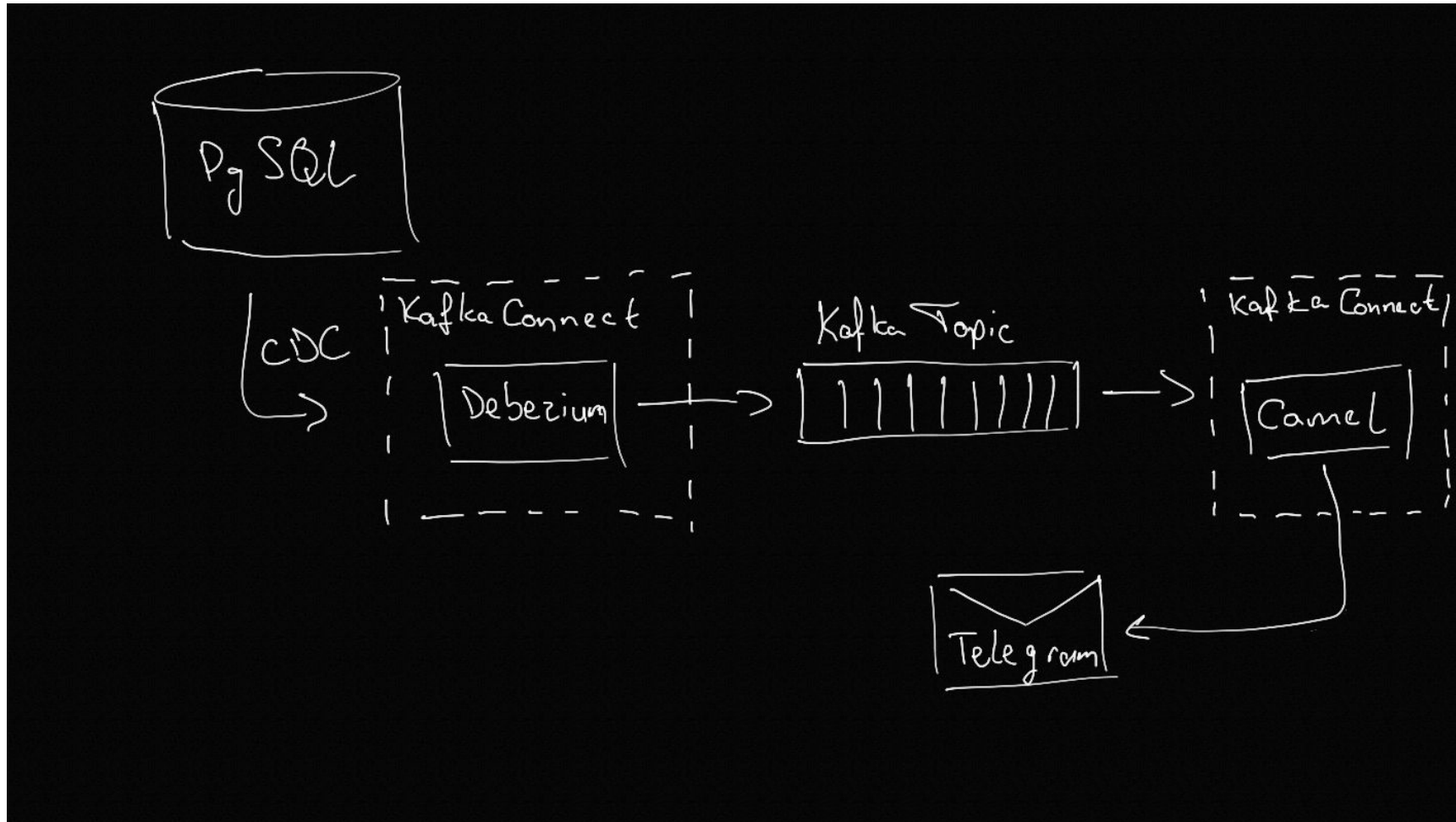




# Open Hybrid Cloud Experience - Demo



# Open Hybrid Cloud Experience - Demo



# OpenDevHour

Upcoming events 2021

- ▶ **True Hybrid Cloud App Dev: Building Manageable Cross Cluster Microservices**

**Architectures**, JAN 14 | 16:00 CET

- ▶ **How do you trust your AI?**, FEB 23 | 16:00 CET

- ▶ **Observability: The what, why, and how!**, MARCH 17 | 16:00 CET

- ▶ **Why is this cat lady breeding camels?**, APRIL 14 | 16:00 CET

- ▶ More sessions are coming....stay tuned! **#AI #Adoptium #Quarkus #GraalVM**

<https://red.ht/OpenDevHour>

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# OpenDevHour

Past events 2020

- ▶ **DevOps with Containers**, DECEMBER 16
- ▶ **Securing Microservices**, NOV 17 | 16:00 CET
- ▶ **Serverless stream processing of Debezium data change events with Kafka Streams and Knative**, OCT 20 | 16:00 CEST (CANCELED, postponed to 2021)
- ▶ **Supersonic Secure Java with Quarkus**, SEP 14
- ▶ **Helm for Developers**, AUGUST 18
- ▶ **Quarkus the black swan of Java**, July 23

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# Thank you

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