

Kafka website activity architecture

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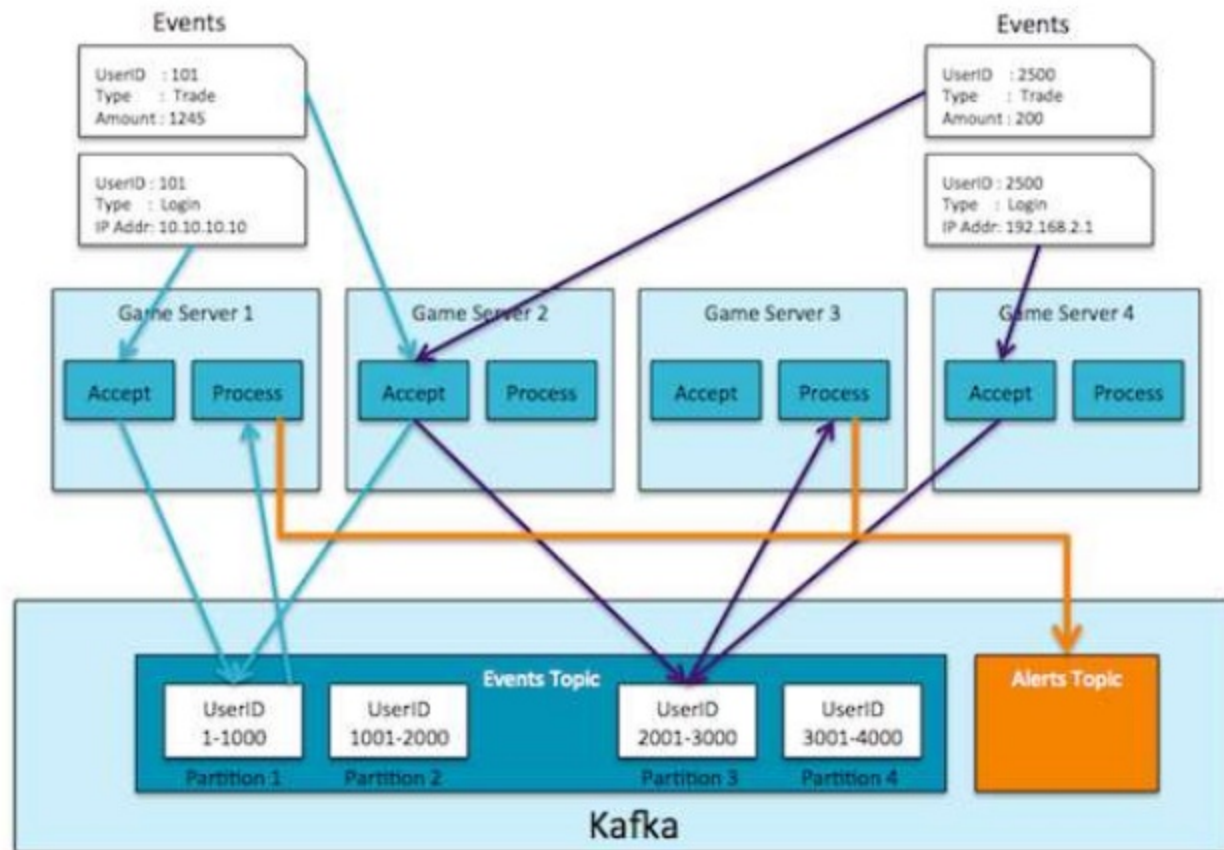


Kakfa Architecture use cases

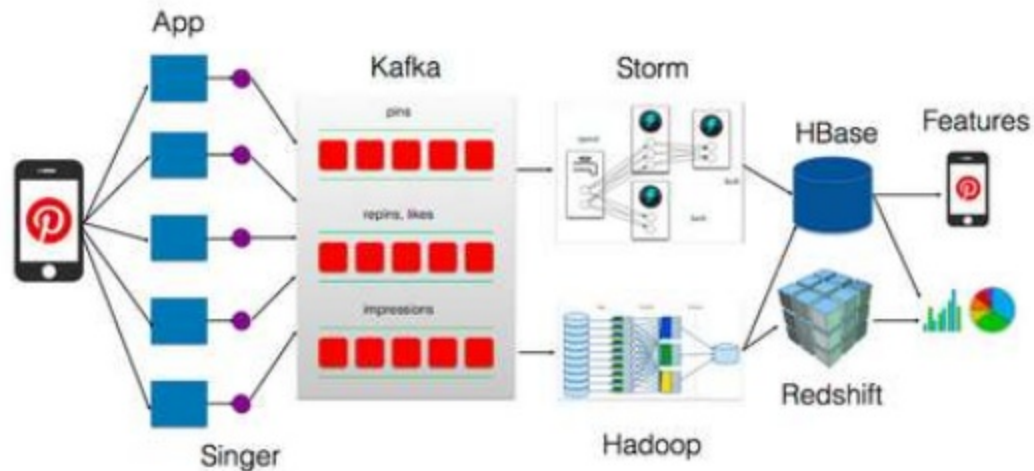
- <https://kafka.apache.org/uses>
 - [Website Activity Tracking](#)
 - [Messaging](#)
 - [Log Aggregation](#)
 - [Metrics](#)
 - [Stream Processing](#)
 - [Event Sourcing](#)
 - [Commit Log](#)



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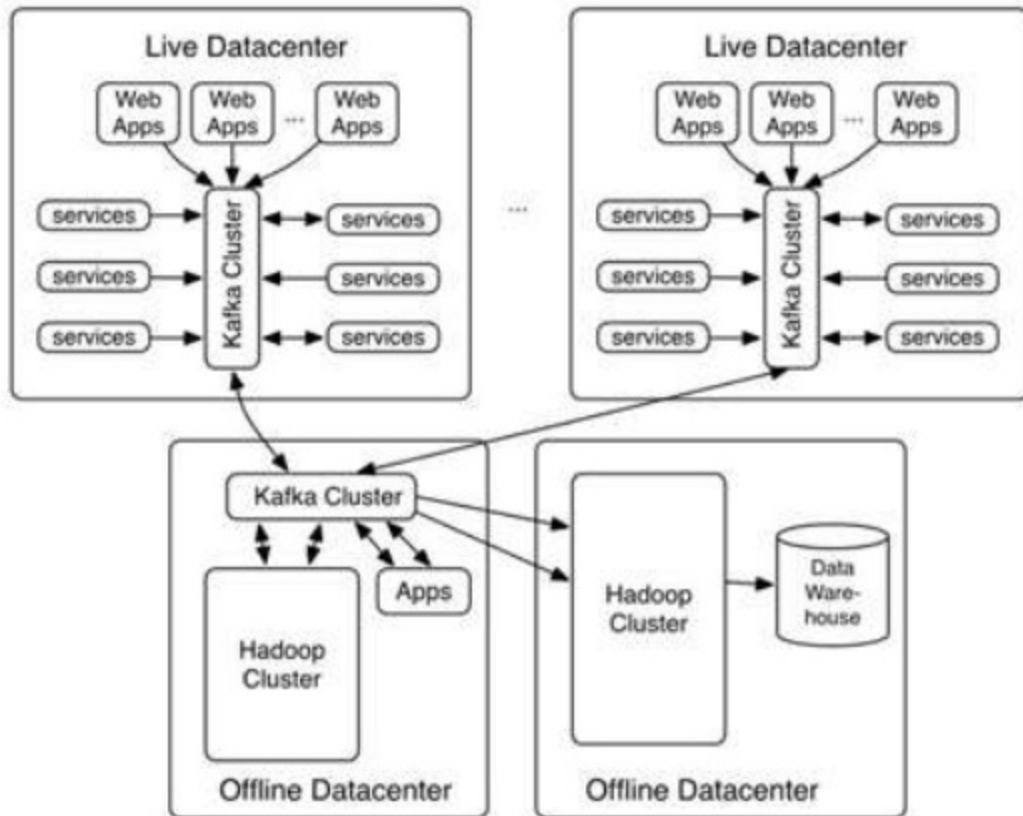


Decouple compute and storage/ Inflight analytics




Data Architecture overview

Usage at LinkedIn




Kafka multi DC cluster (multi cloud)

- Active Active
 - Active Passive
 - Active Active with aggregation cluster
 - Active Active with DC tagging on topics
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Kafka multi DC cluster

- <http://www.slideshare.net/HadoopSummit/building-largescale-stream-infrastructures-across-multiple-data-centers-with-apache-kafka>
- <http://www.slideshare.net/ToddPalino/more-datacenters-more-problems>
- <http://www.slideshare.net/ToddPalino/kafka-at-scale-multitier-architectures>
- Typically done on AWS on **single region** (several AV zones)
 - Rely on intra - cluster replication
 - **Stretched cluster across regions are NOT RECOMMENDED**
 - Security considerations.
 - Network latency considerations.

Stay in touch...

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 **HALO**
ANALYTICS



The logo for Jajah Telefonica. It features the word 'jajah' in a stylized, pink, sans-serif font, with a small, curved line above the 'j'. Below 'jajah' is the word 'Telefonica' in a black, cursive script font.