KNOWING ISSUES IN APACHE KAFKA

Đơn vị: Công ty CP Giáo dục và Công nghệ QNET

Q NET ®

Quality Network for Education and Technology

KAFKA BROKER ISSUES

- In Sync Replica: Kafka In Sync Replica Alert tells you that some of the topics are under-replicated. The data is simply not being replicated to brokers. These alerts indicate a potentially serious problem because the probability of data being lost becomes higher. It can happen entirely unexpectedly, even if you do nothing on your side. It usually takes place when downlevel clients affect the volume of data.

- Upscaling and Topic Rebalancing: The volume of your data streams can go in both directions. This is why it is crucial to choose a distributed messaging platform easy to scale up and down. With Kafka, this is a problem because you need to balance things manually to reduce resource bottlenecks.

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KAFKA BROKER ISSUES

- Server Busy Exception

- No records received

- Compression/message format issue

- Firewall blocking traffic

- TopicAuthorization Exception

- Kafka version mismatch

- SASL authentication

KAFKA PRODUCER ISSUES

- Failure to connect to Kafka cluster

- Record is too large

- Batch expires before sending

- Not enough replicas error

KAFKA CONSUMER ISSUE

- Invalid data is received from Kafka topic

- Kafka broker is not available while consuming data

- Kafka consumer is interrupted

- Kafka topic couldn't be found

- Consumer lag

Discussion