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| What is Kafka? |
| What are the main Kafka architecture elements? |
| What is a Kafka broker? |
| How Kafka topics are organized? |
| What is the need in using zookeeper to run Kafka? |
| What is an in-sync replica? |
| What network protocol is used for client-to-server communication in Kafka? |
| Why Kafka doesn't support async calls for producer API? (provocative question) |
| Can we publish the messege without key? Could you describe how Kafka choose the partition (with and without key)? |
| What delivery models do you know? Describe them. |
| When can we use 'at most once' deleivery model?(use cases) |
| How would you implement exactly once processing? |
| What is the primarily unit of paralellism in Kafka? Explain how to scale out? |
| Which kafka component is responcibele for message storing? |
| How many brokers coould be run in 1 physical server? |
| It is known that for 1 partition only 1 consumer could be present. How then 2 applications can read 1 topic? |
| Could you explain what is log compaction and why we can need it? |
| Imagine one of consumer in consumer group died with OOM error. How newly created consumer knows the offset to start processing with? |
| How can we achieve global ordering in Kafka? |
| How can we find if all replicas are in sync? |
| What is Dead Letter Queue? Why can we need it? |