

1. list all of the new annotations you learned to your annotations.md
2. Document the microservice architecture and components/tools/dependencies
3. What are Resilience patterns? What is circuit breaker?
4. Read this article, then list the important questions, then write your answers
 - a. <https://www.interviewbit.com/microservices-interview-questions/#main-features-of-microservices>
5. how to do load balance in microservice? Write a long Summary by yourself.
 - a. <https://www.geeksforgeeks.org/load-balancer-system-design-interview-question/>
 - b. <https://www.fullstack.cafe/blog/load-balancing-interview-questions>
6. How to do service discovery?
7. What are the major components of Kafka?
8. What do you mean by a Partition in Kafka?
9. What do you mean by zookeeper in Kafka and what are its uses?
10. Can we use Kafka without Zookeeper?
11. Explain the concept of Leader and Follower in Kafka.
12. Why is Topic Replication important in Kafka? What do you mean by ISR in Kafka?
13. What do you understand about a consumer group in Kafka?
14. How do you start a Kafka server?
15. Tell me about some of the real-world usages of Apache Kafka.
16. Describe partitioning key in Kafka.
17. What is the purpose of partitions in Kafka?
18. Differentiate between Rabbitmq and Kafka.
19. What are the guarantees that Kafka provides?
20. What do you mean by an unbalanced cluster in Kafka? How can you balance it?
21. In your recent project, are you a producer or consumer or both?
22. In your recent project, Could you tell me your topic name?

23. In your recent project, How many brokers do you have? How many partitions for each topic? How many data for each topic.
24. In your recent project, which team produce what kind of event to you and you producer what kind of events?
25. What is offset?