

Part 4

Question: A problem with the API gateway is that it is a single point of failure. Describe how you would solve this problem?

Answer: We can create a master API gateway and a slave API gateway which will become master when the master API fails, in a similar way we did with eureka service replication

Part 5

Question: A problem with a microservice architecture is that is difficult to keep track of the business processes that run on the microservice architecture. Describe how you could solve this problem?

Answer: We can collect event logs from microservices through metrics tools and apply various algorithms to the events that can be used to discover the process diagrams through process mining.

Part 6

Question: A problem with a microservice architecture is that is difficult to keep the interfaces of the different microservices in sync with each other. Describe how you could solve this problem?

Answer: We can add event emitters for any changes in one microservices and all the other microservices can listen to those changes and change data accordingly, I think I have read it is done through Kafka