

Part 4

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

Ans: We can use load balancer and replica API gateways to resolve this problem.

Part 5

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?

Ans: For this, we can keep track of the events or the history of the business process by using Distributed Tracing services like Zipkin.

Part 6

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?

Ans: We can use API gateways to keep track of different microservices. This way services can use the gateway to access other services and they will not have to keep track of interfaces of individual services. One tool to implement this is Netflix Zuul.