

*Part 4*

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

I would solve by

- creating more than one API gateway instances,
- then adding load balancer in front of them
- and replicating the load balances to avoid single point of failure.

*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?*

I would solve by

- putting all business logic only in one main service,
- creating more than one instance for that service,
- then adding load balancer in front of them
- and replicating the load balancers to avoid single point of failure.

*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?*

I would solve by working with contracts.