

*Part 3*

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

I would solve that single point of failure problem by running more than one registry (spring cloud system like Eureka) and loading balancing when clients are sending requests.

*Part 4*

*A problem with services is that a service can be down. If the StockService is down, the ProductService cannot work properly. Describe how you would solve this problem?*

I would solve that problem by providing fallbacks. So, if the target service fails, the client should return cached data or default value or returning the error message without getting exception to let the requester know.