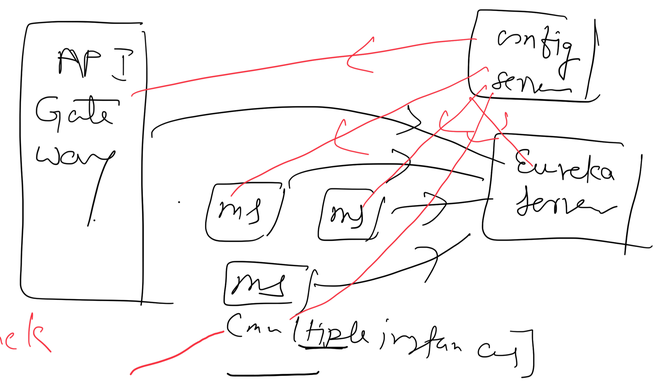
① we created multiple instances → L.B. [service level]

② routing based mapping for all services.

③ we should have fallback mechanism.

④ your api gateway should manage req flow with the L.B of the specific service.

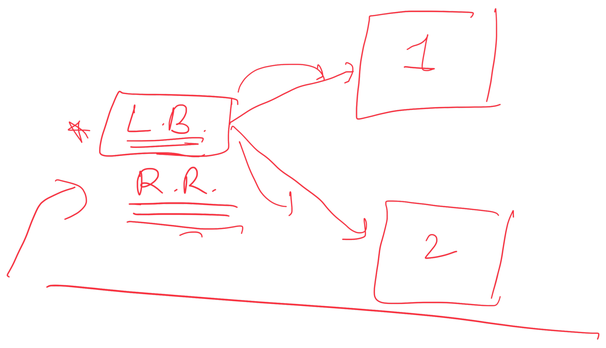
⑤ inter service communication.



order-service

② ✓

L.B. ?

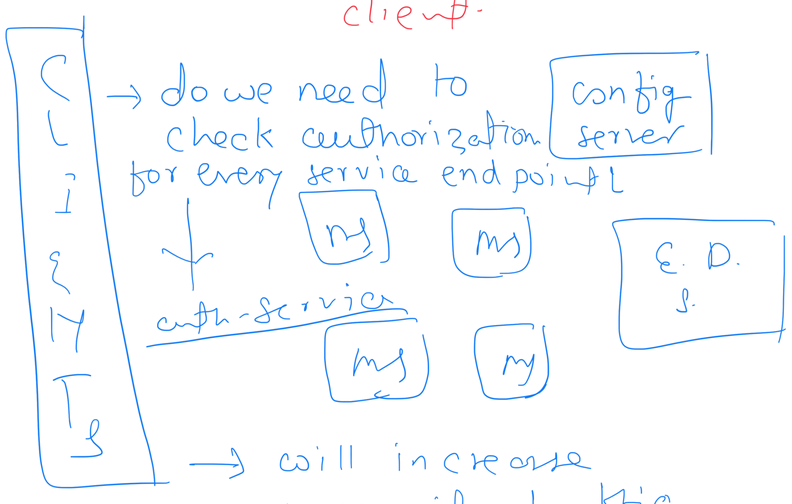


API Gateway

SPOC → entire M.S. based archi

req → Api gateway

res → client.



→ do we need to check authorization for every service endpoint

↓

auth-service

→ will increase unnecessarily traffic to the service because direct contact before authorization

security

policies
authentication
authorization
encryption

all services

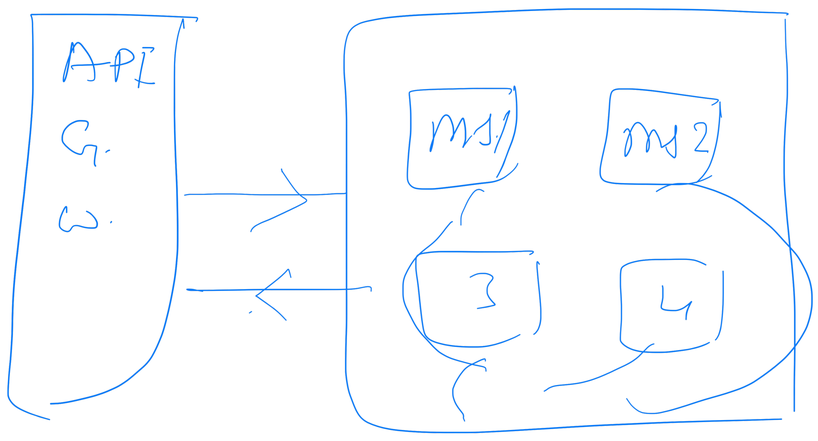
400

— Api composition

it will help us to combine multiple backend services into a single endpoint.

— filter req/res.

— api-gateway is connected with D.S. → it can have connect with all M.S. so that it will help us for dynamic routing as well.



L.B.

ribbon — L.B.