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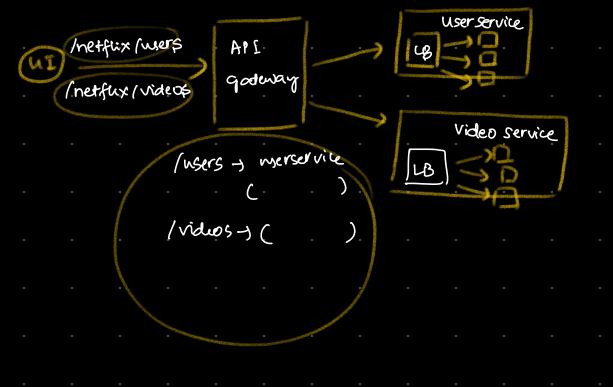
Sits a way to do service.

discovery.

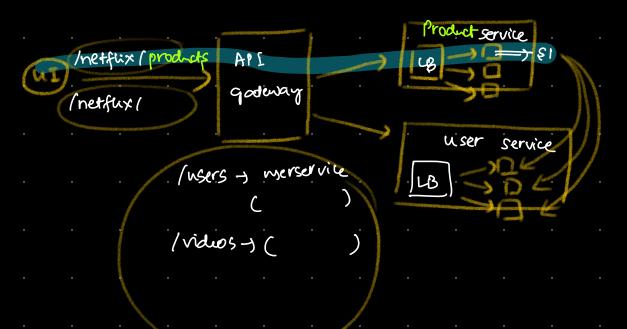
* Single company -> multiple increservices

G AU have different IP addresses.

we need a way to know the IP addre.
-ss of other services



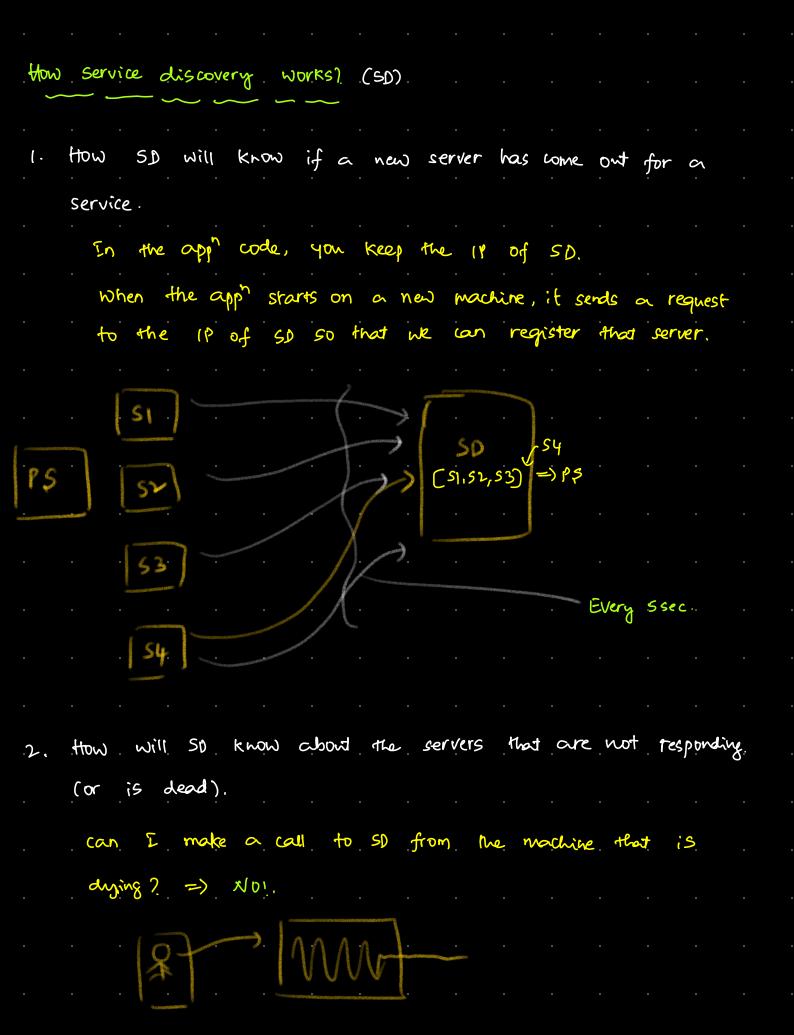
Ecommerce



In order for product service to make a call to wer service it needs the It's of wer service.

It'll get this from service discovery.

Map from service name to the list of IP addresses of that Services



The servers will be continuously sending requests to SD (every 5 seconds),

if in the last 15 seconds, A server has not sent any request, then we can assume it's dead and remove from my list.

HealthCheck

a server is doing well or not (alive or dead).

It's possible that the server might recover and then sonds a heart beat signal to the SD. in this case, we'll again register this server in SD list.

note: most of the times, the mile's for a service are state, you can use caching.



It's possible that some of the cached machines are no longer healthy, in which case the requests sent to those machines can fail.

(Tradeoff)

