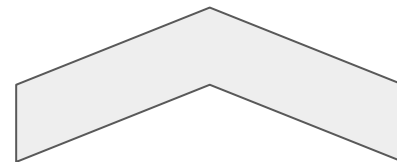
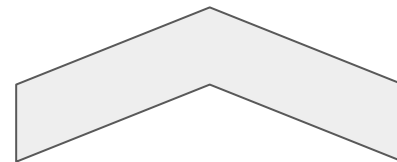


Push docker image



Transfer yml files
to k8s master



apply yml files

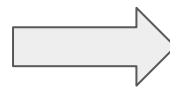
Jenkins



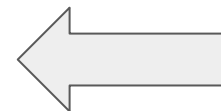
Monitoring
Steps



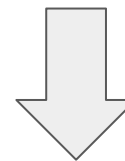
Webhook



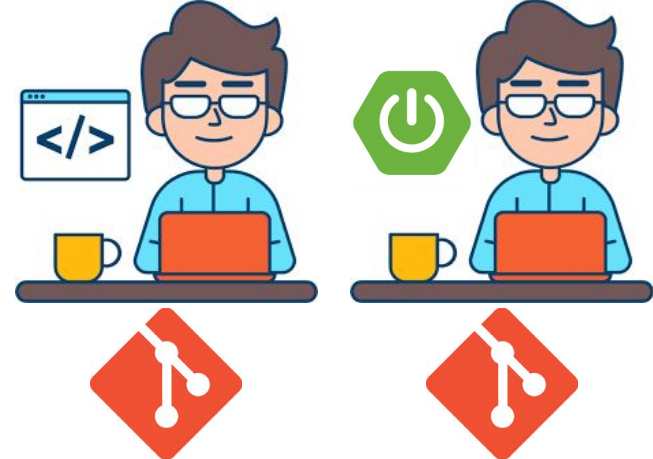
alarm

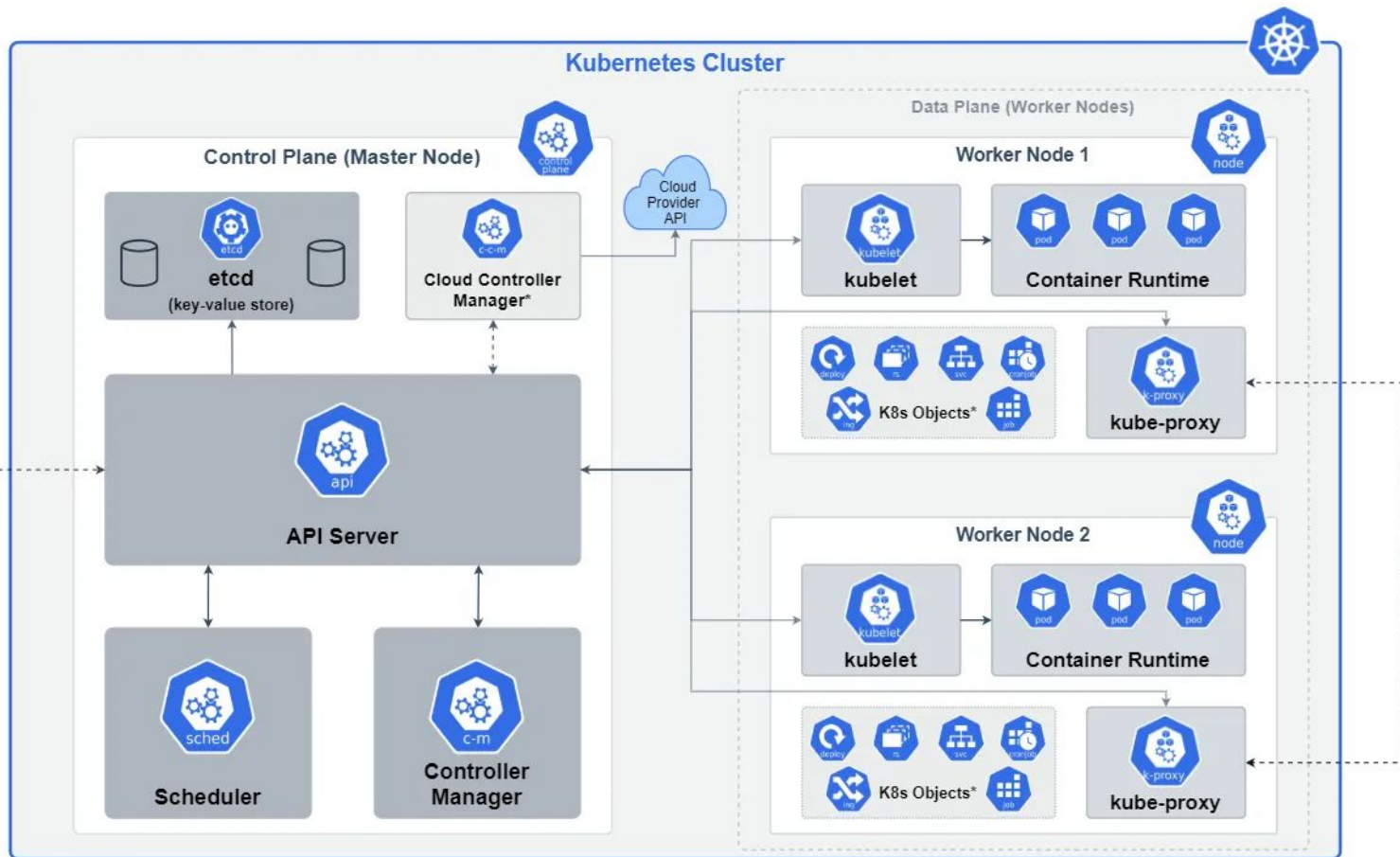


Web Hook



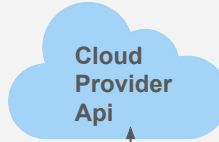
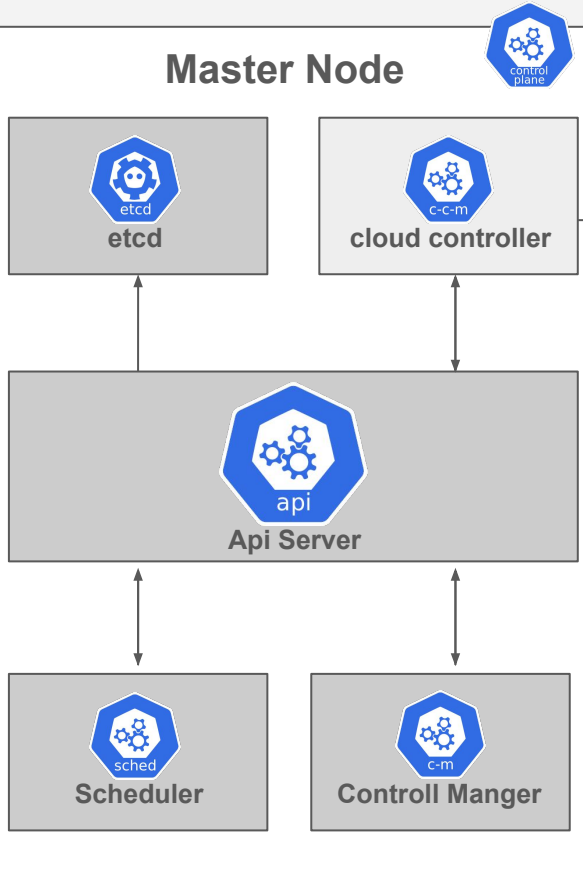
Push
New version

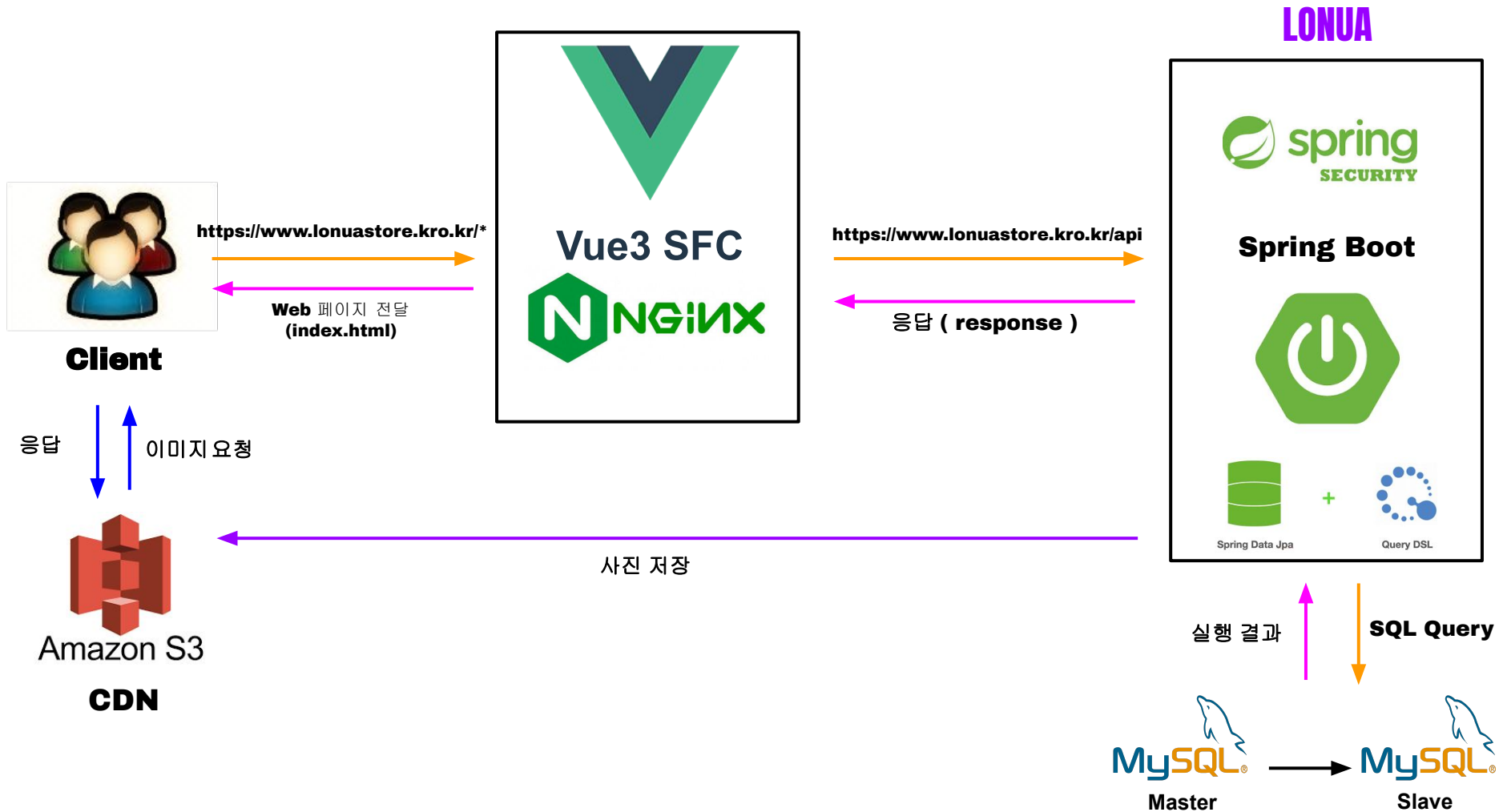


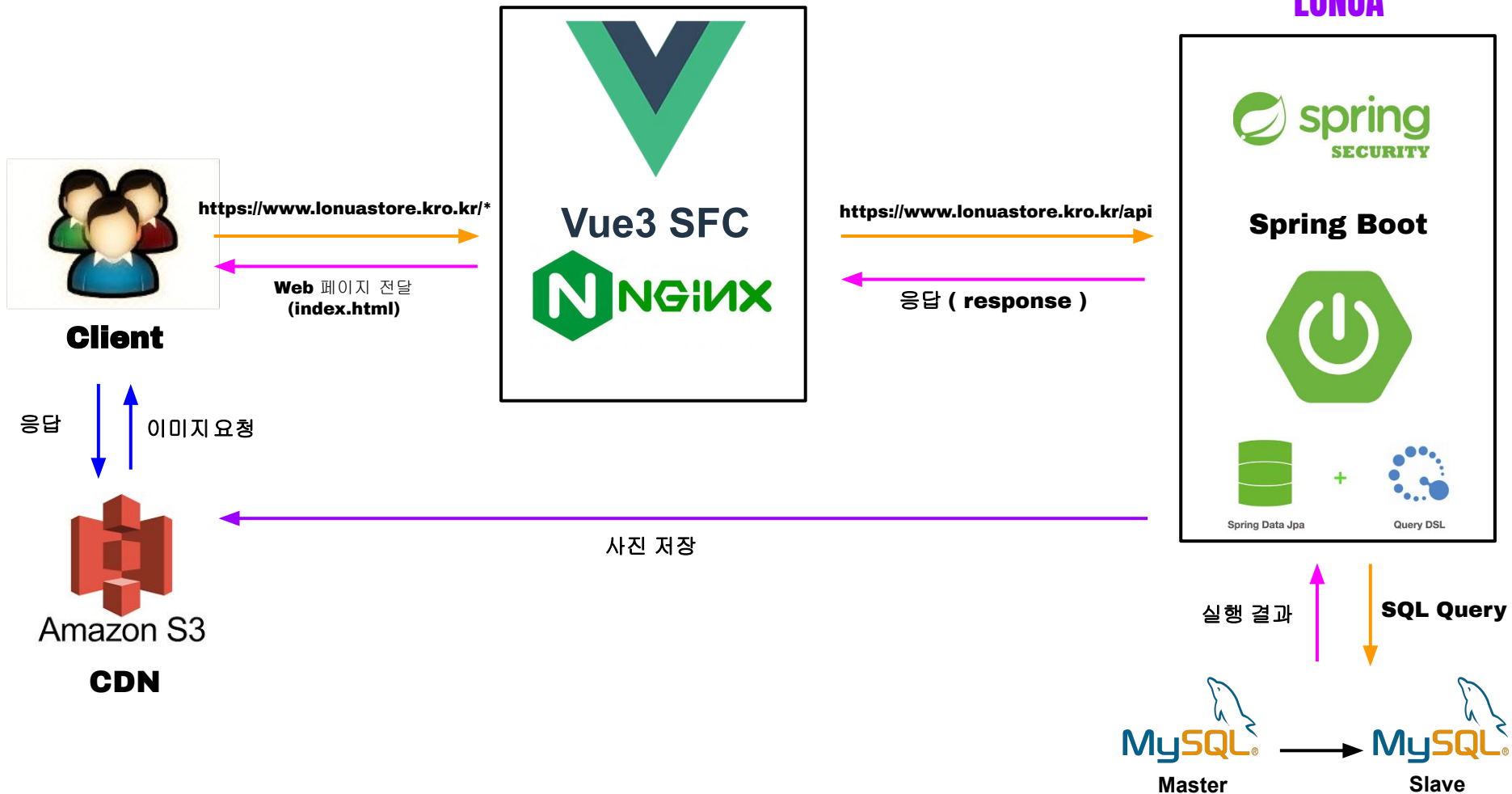


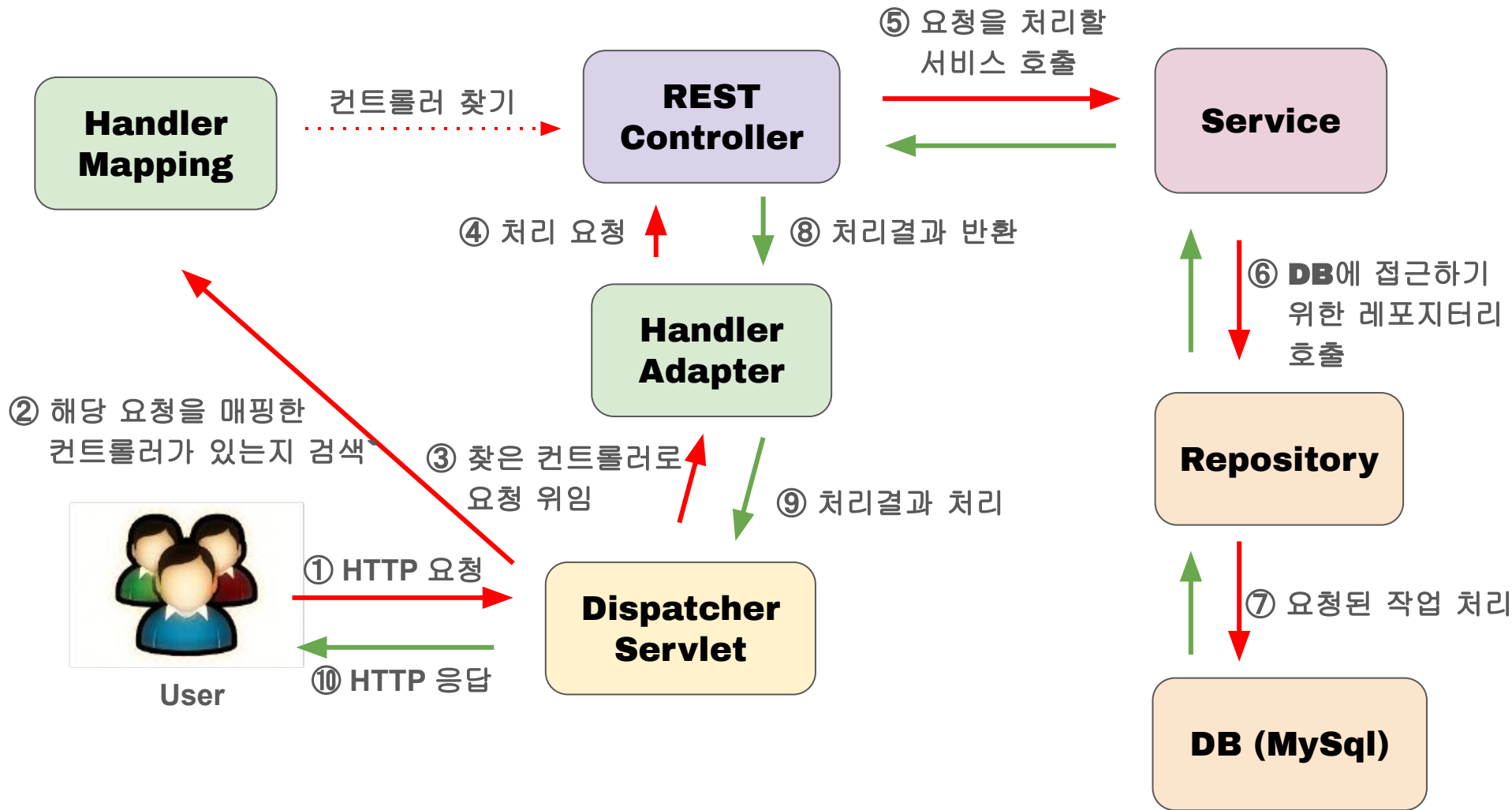
Kubernetes Cluster

Master Node









프레젠테이션 계층
(Presentation)

MSA 적용 이유

MSA 적용 이유

쇼핑몰 특성상 상품 목록 조회가 요청이 가장 많을 것으로 추정된다.

상품 목록을 전담으로 맡는 하나의 서비스를 **msa** 형태로 만들었다.

따라서

- 유연하게 서버를 늘려 부하를 분산 시킬 수 있다.
 - 다른 기능들에서 에러가 나더라도 유저들은 계속해서 상품 목록을 조회해볼 수 있다.
 - 추후 검색 기능의 상향을 위한 **Nosql** 도입 시 레거시 서비스에 영향이 적음.

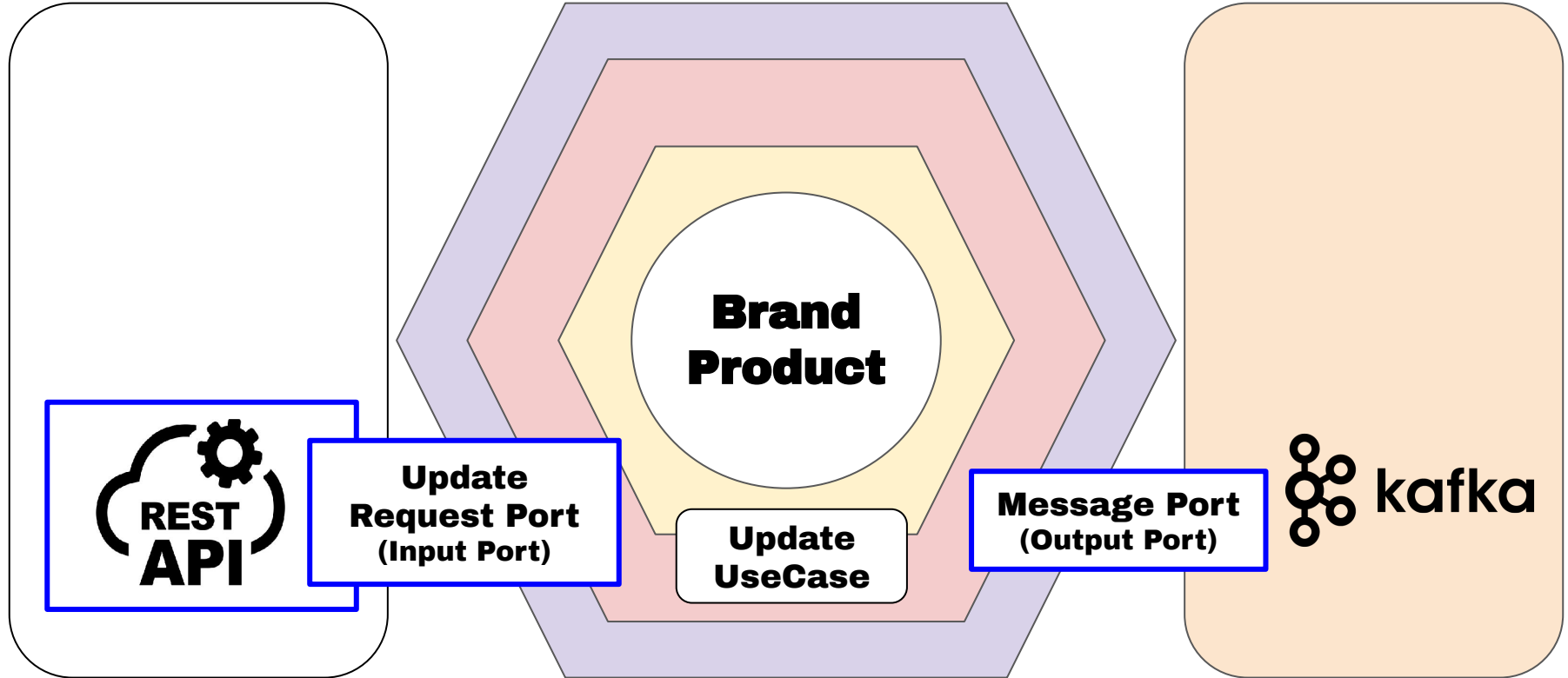
상품 추가 시 나뉘어져 있는 모든 **DB**에 상품을 추가해야함.

상품 추가 서비스를 따로 만들어 **Kafka**를 통해 모든 **Product list service**에 추가할 **product**의 정보를 보낸다.

Web Adapter

Application

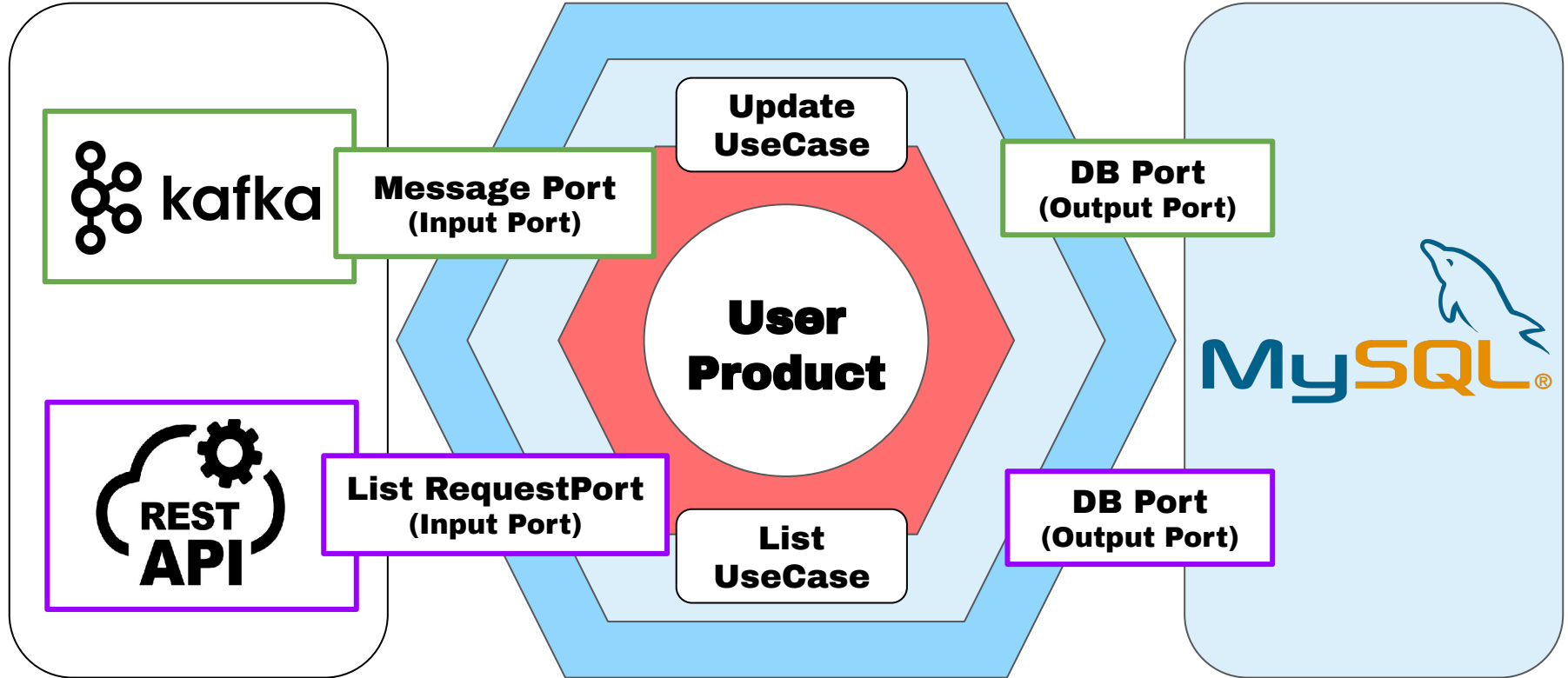
Kafka Adapter

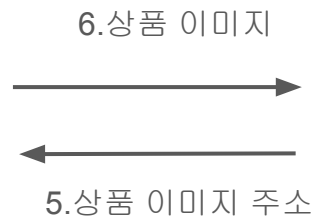


Web Adapter

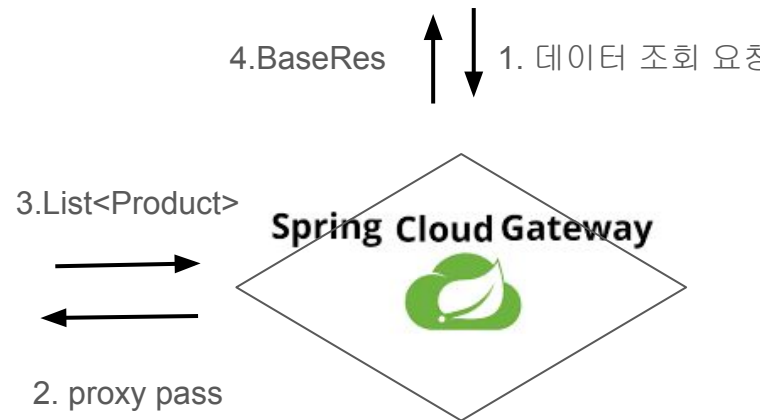
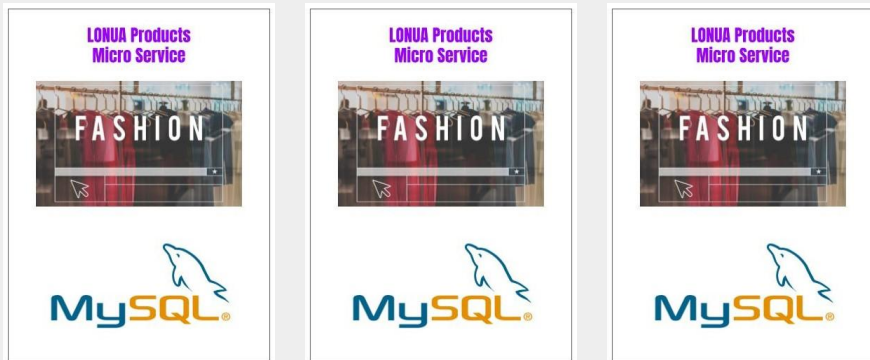
Application

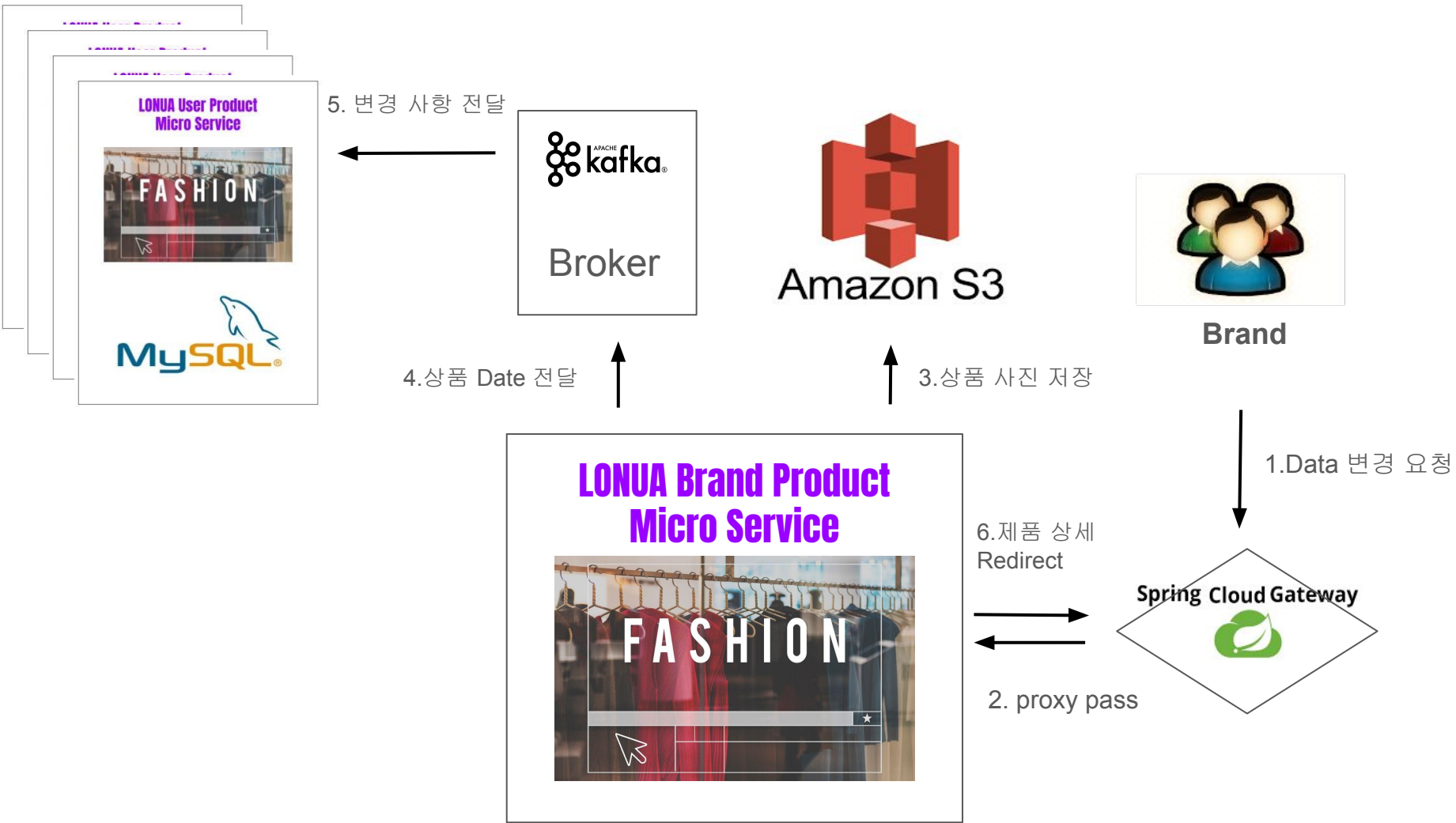
Persistence Adapter

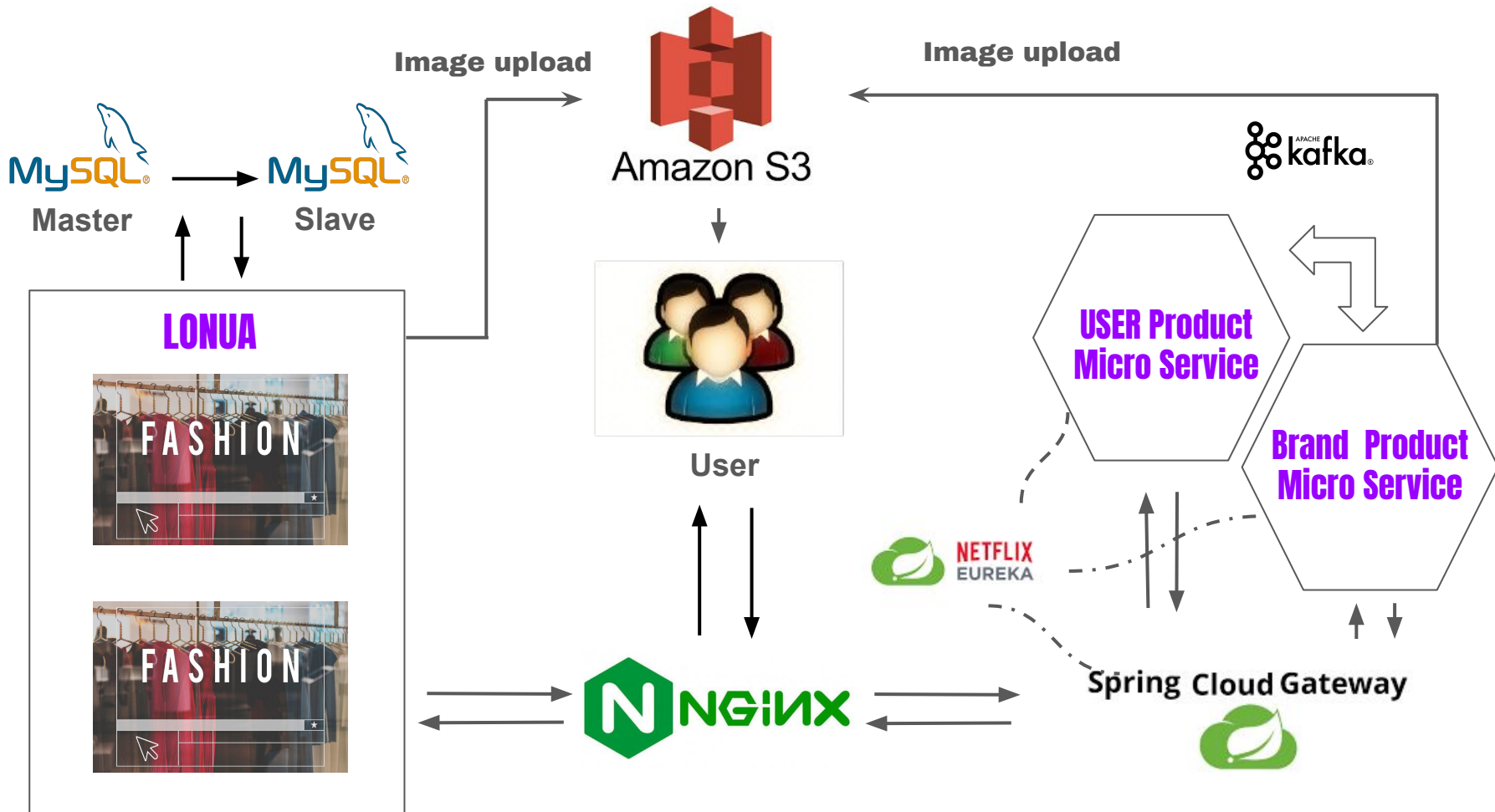




User Product Services







LONUA Brand Product Micro Service



LONUA User Product Micro Service

