Blue Green Deployment
and
Canary Deployment

Motivation → We launch new systems and rollout new features in existing systems.

↳ Can we launch without zero downtime?

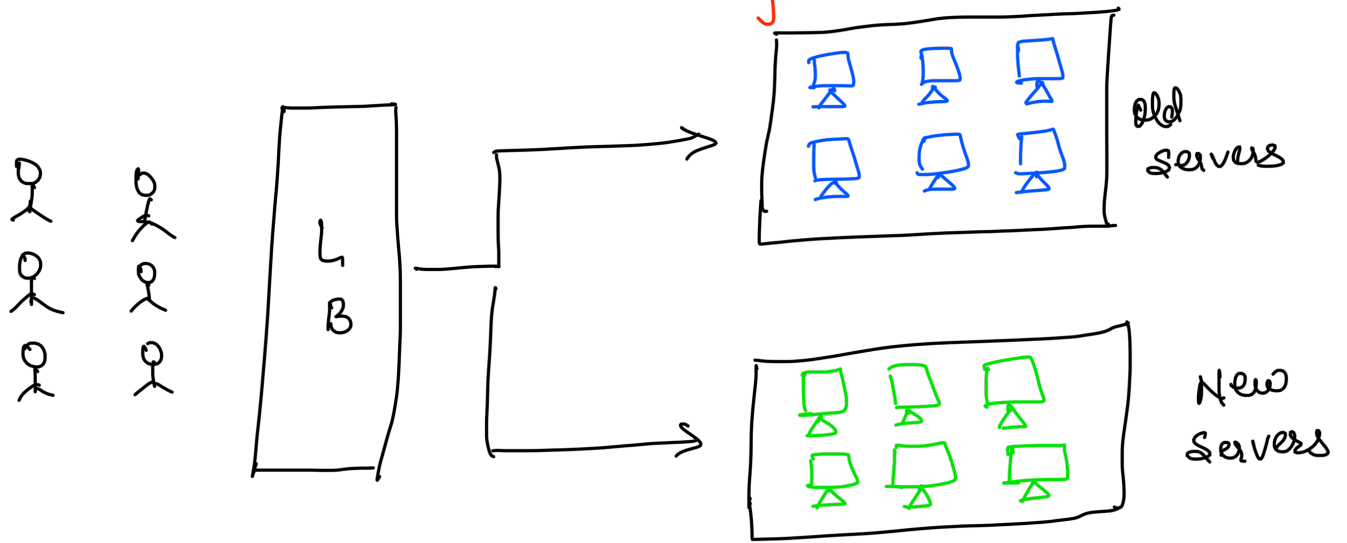↳ what if something goes wrong? Can we rollback?

Canary Deployment → divide user traffic basis any param.
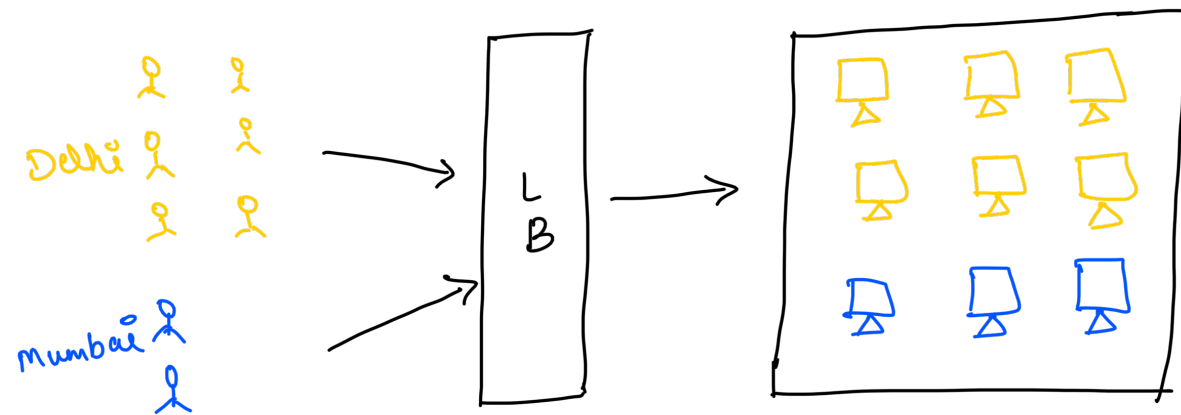
↳ Traffic can be divided basis users and any feature is initially launched for set of users.

↳ once we build confidence, feature can be launched to more customers.

Blue Green Deployment → New production environment is created containing new code.

↳ Traffic can be gradually shifted to new set of servers.

↳ will incur you more cost as you're creating a replica of production environment.

See you soon !!!

Happy Learning ☺