

Continuous Deployment

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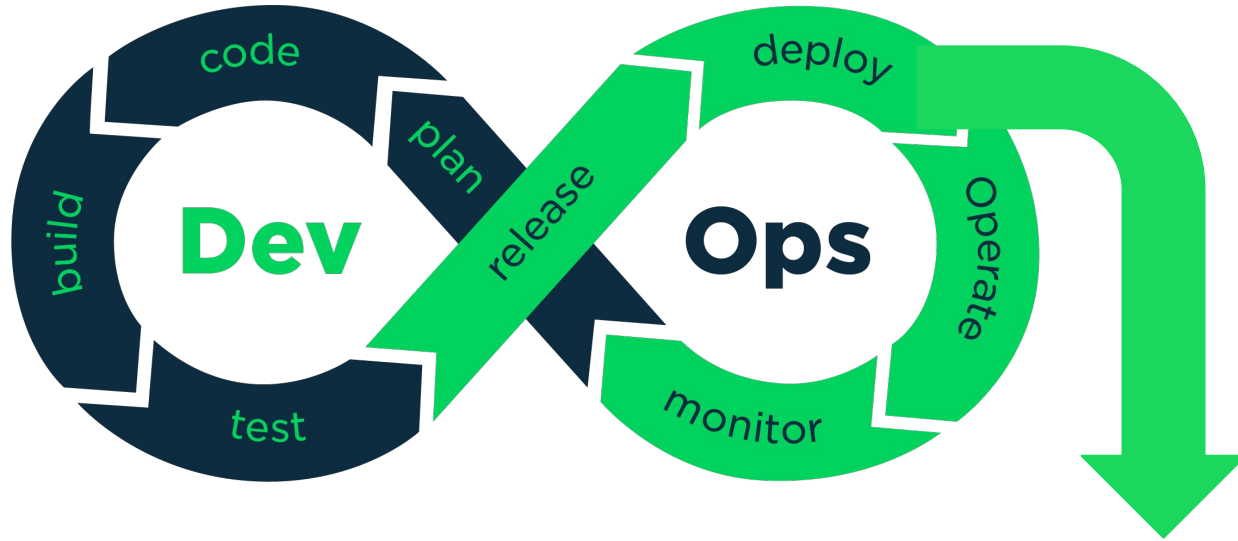
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Facultad: FRC

Universidad: UTN

Curso: 4k4

Cátedra: Ingeniería de Software



CONTINUOUS DEPLOYMENT



EXPECTATIV A



REALIDAD

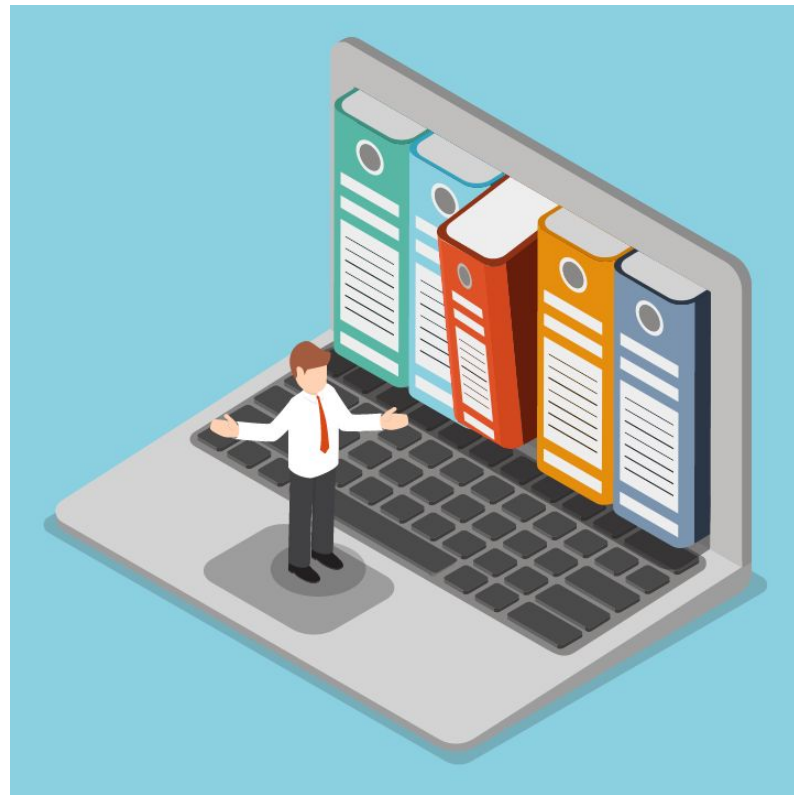
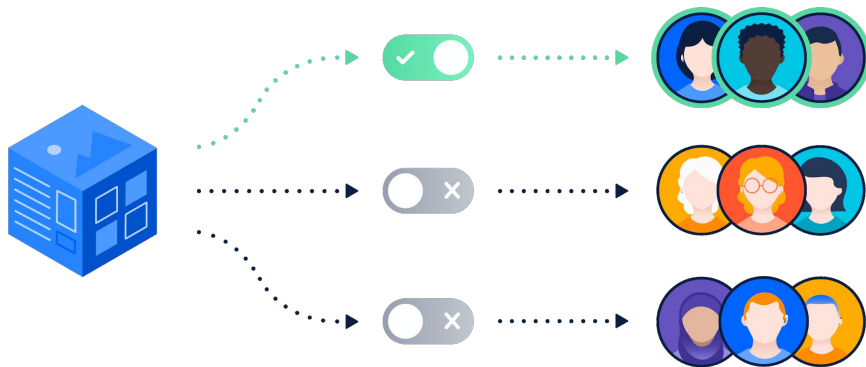




New feature

Feature Flags

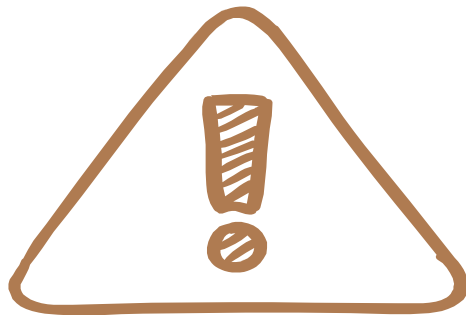
Customers



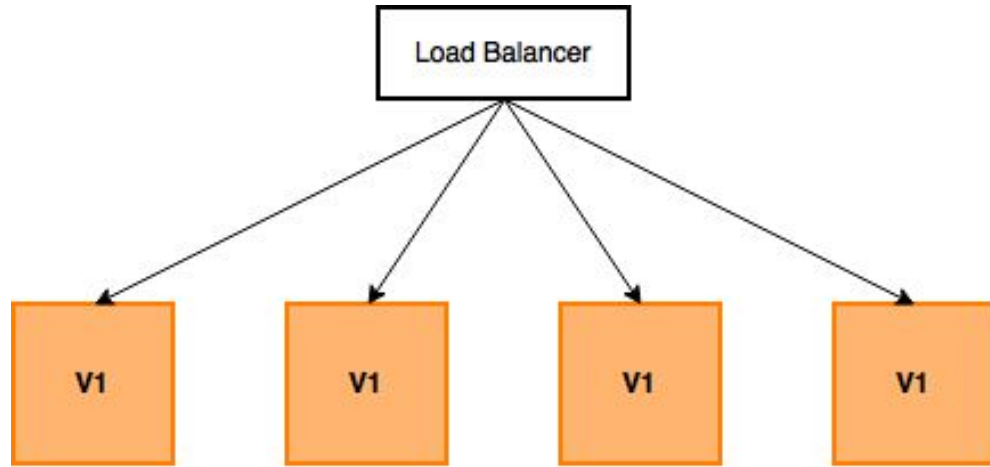


DEPLOYMENT

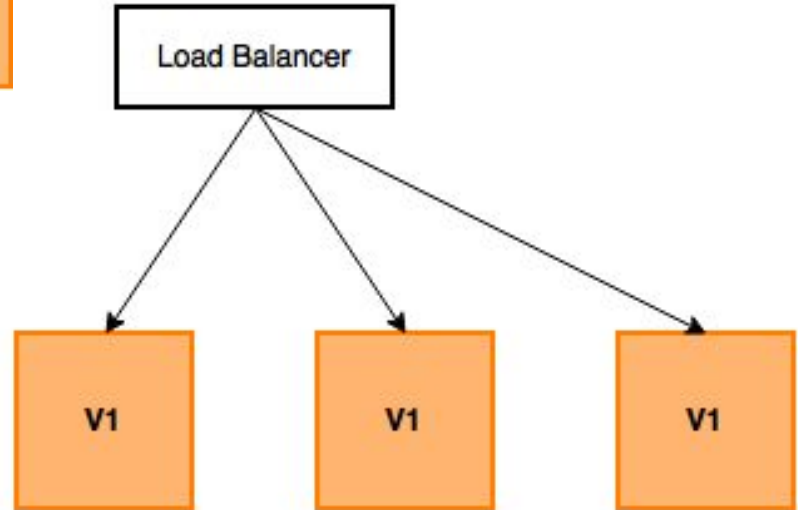


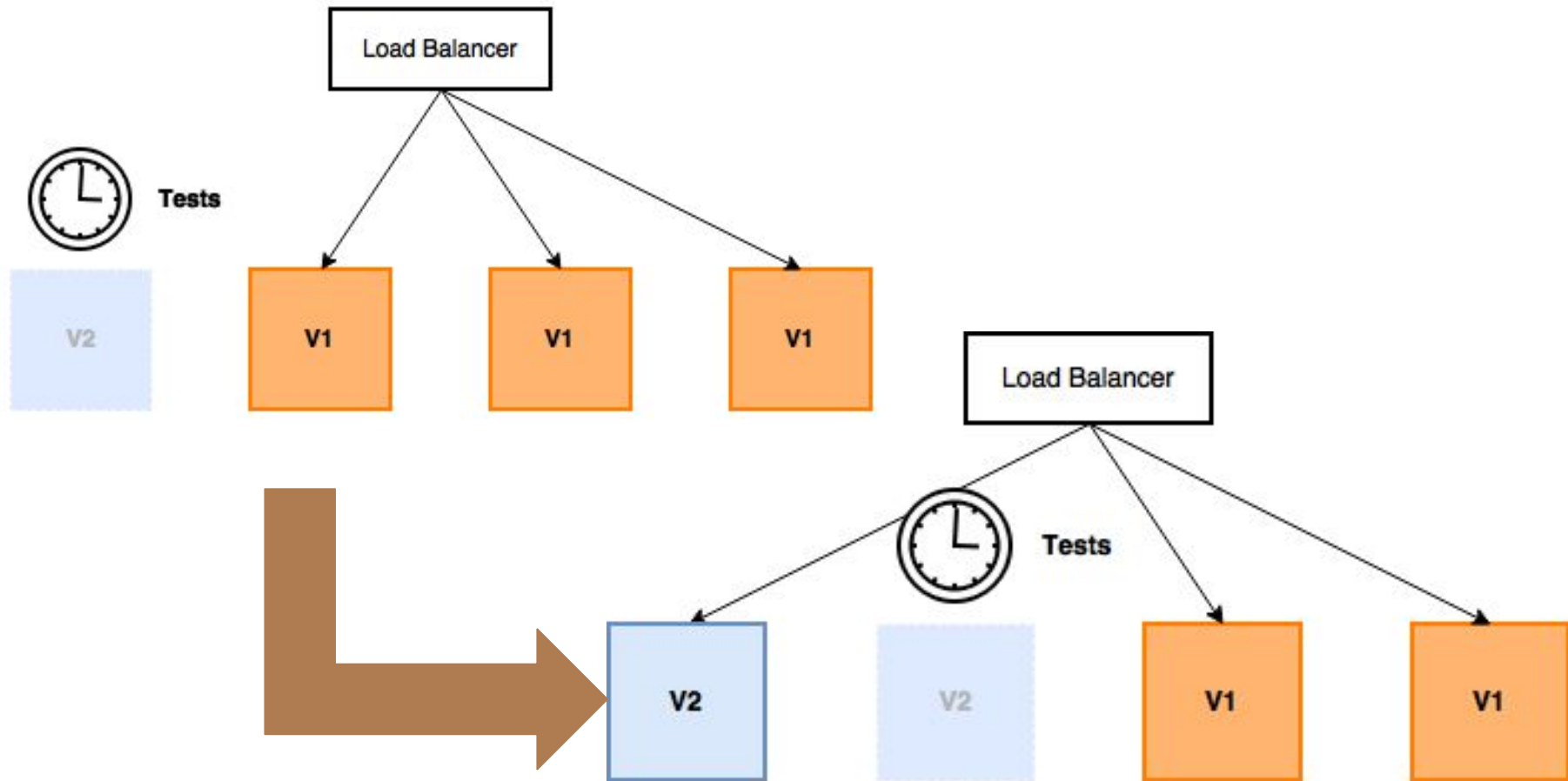


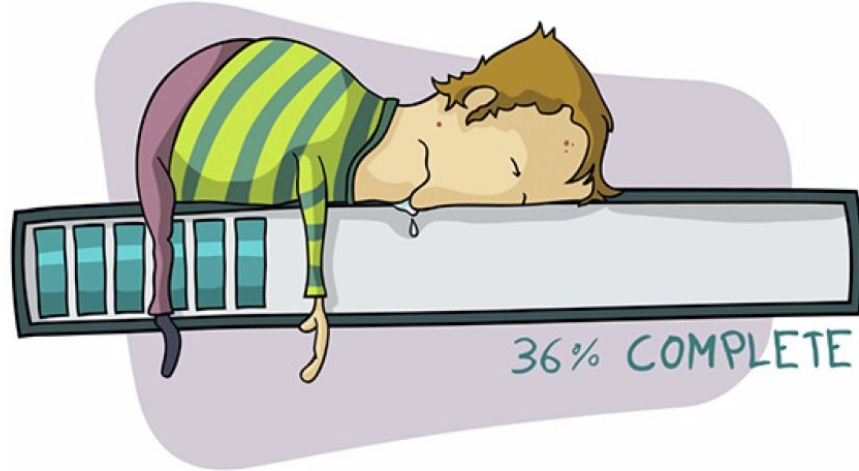
ROLLING UPGRADE



Tests



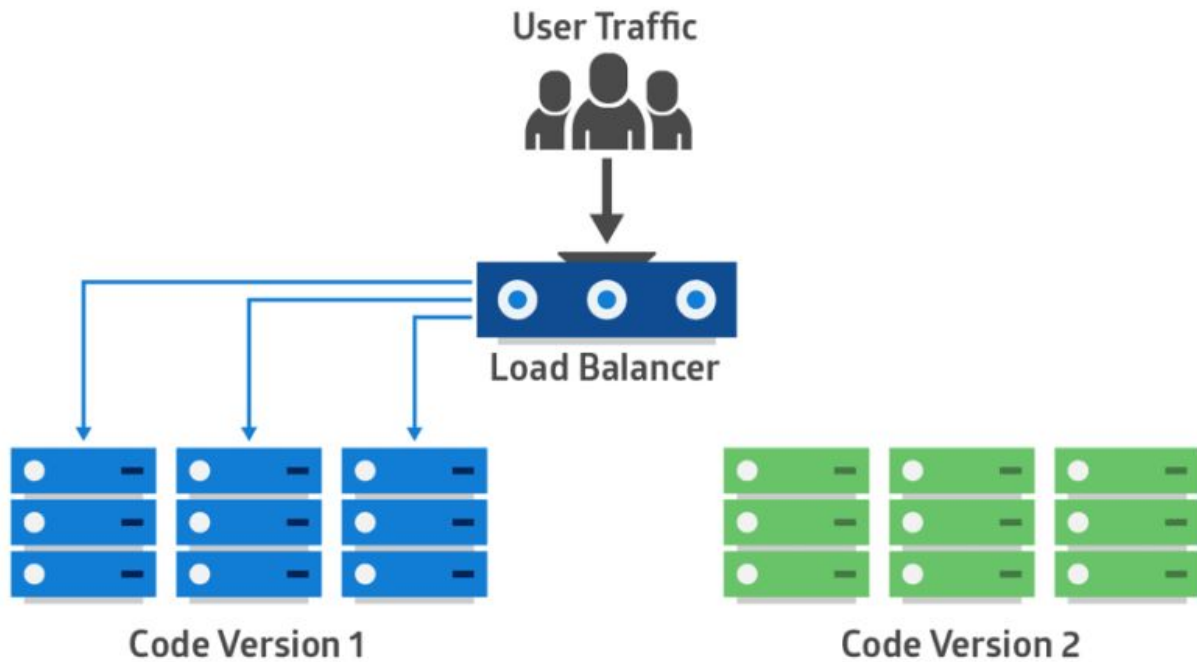




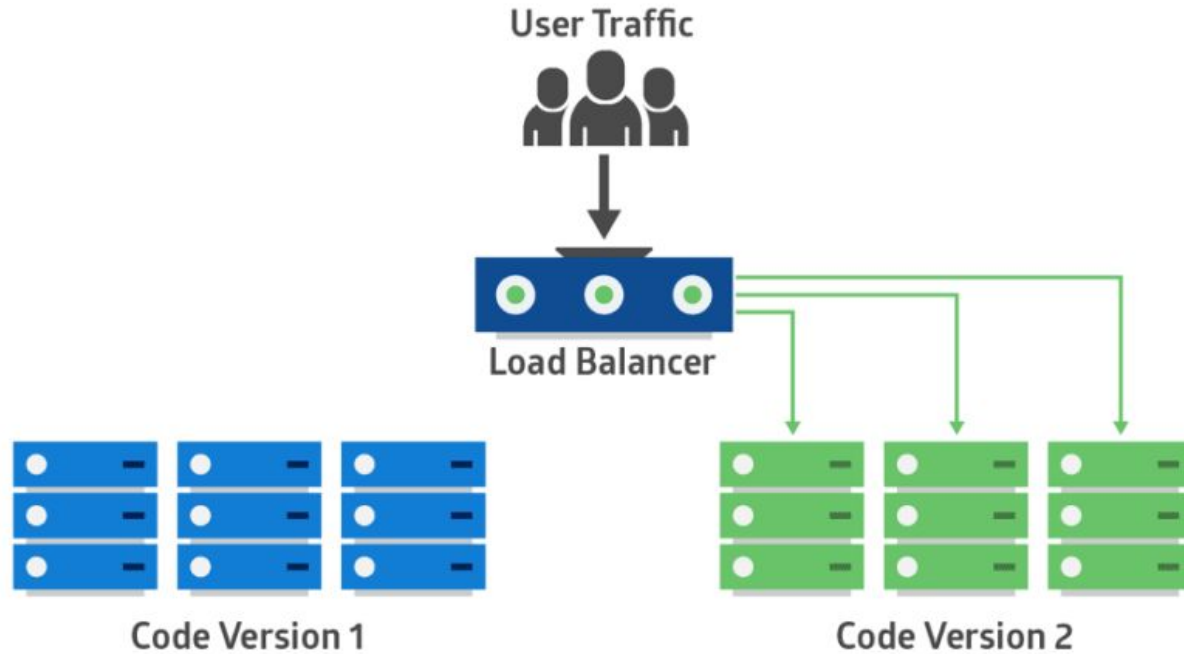
BLUE GREEN DEPLOYMENT



ANTES



DESPUÉS





VOLVER



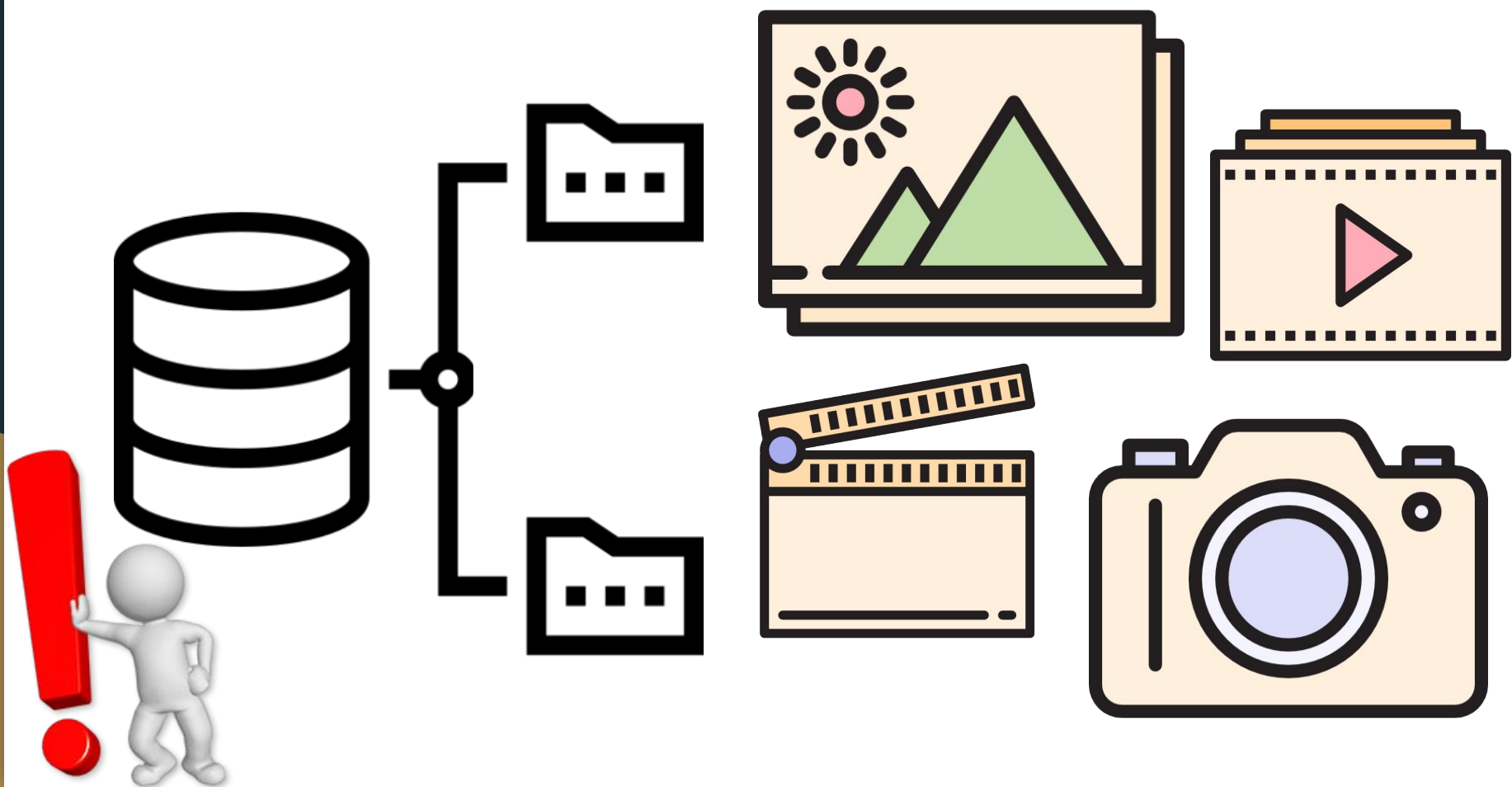
v1.1



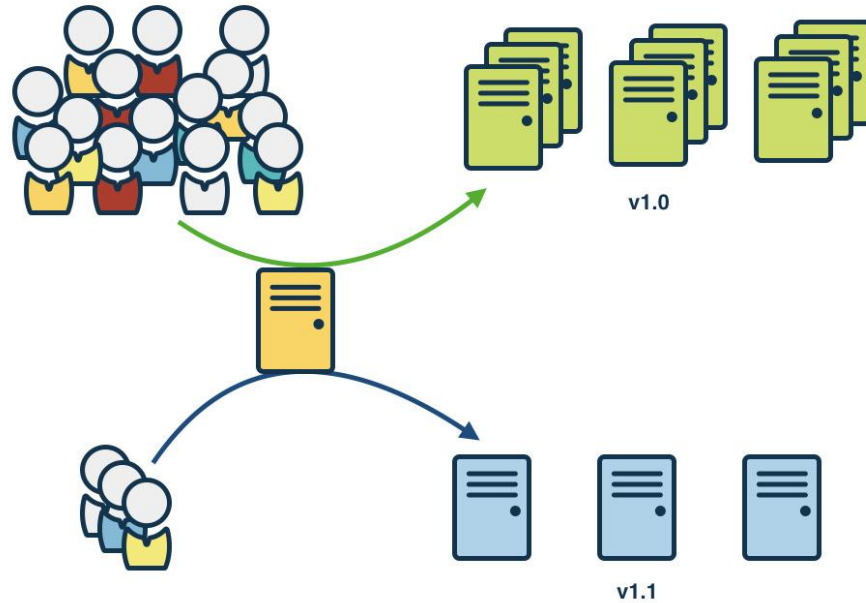
v1.2



v1.1

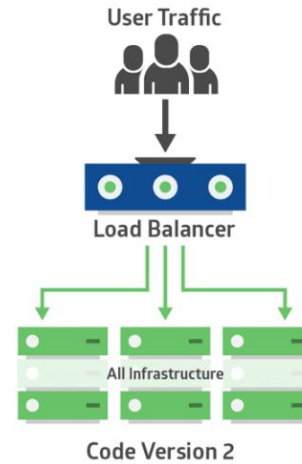
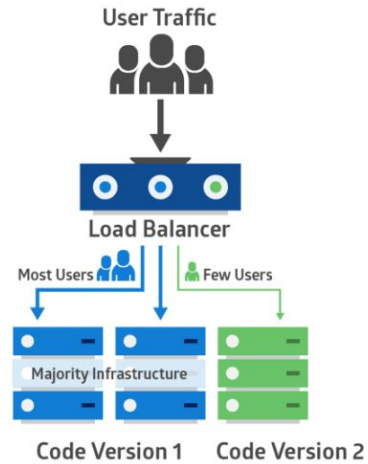
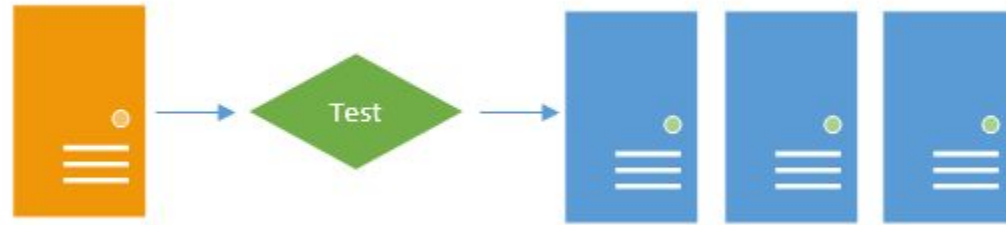


Canary Deployment









Staging



RStudio
Server Pro

RStudio
Connect

RStudio
Package Manager

Production

RStudio
Server Pro

RStudio
Connect

RStudio
Package Manager



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1. Deploy to one server (typically ~10% of users)
2. Automated regression testing
3. Optional manual testing
4. Signoff



5. Push to remaining servers



6. Final test
7. Notify Completion