

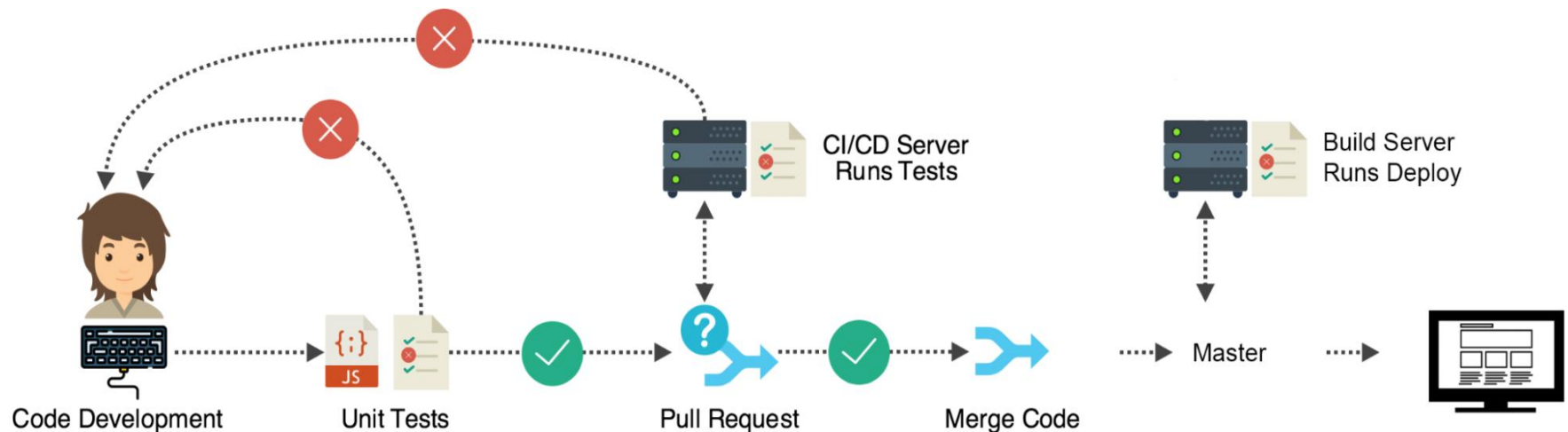


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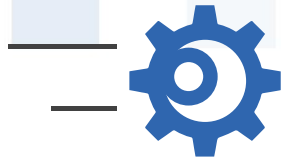
Fundamentals and benefits of CI/CD

A better and effecient way to delever our products.

- **Continous Integration** is a development practice of code integration into a shared repository. Each integration is verified by an automated buid and automated tests.
- **Continous Deployment** is the process by which verified changes in codebase or system architecture are deployed to production as soon as they are ready and with out human input.



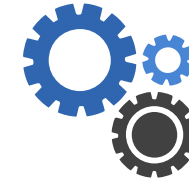
Benefits of CI/CD to our business



Applying CI/CD enables the enterprise to **release features more frequently**, which help us to get feedback earlier.



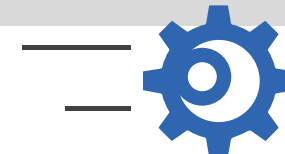
Having less bug in our live app and spending less time doing manual testing would help us **avoid cost**.



Automated smoke testing would **protect our revenue** by reducing downtime caused by deploy-related cursh and bugs.

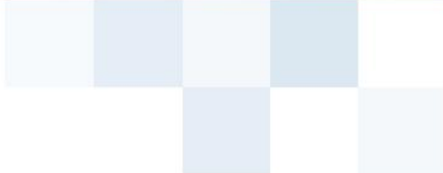


Unit tests are not neglected in CI/CD which will increase code quality and catch errors early, which would **decrease cost**.

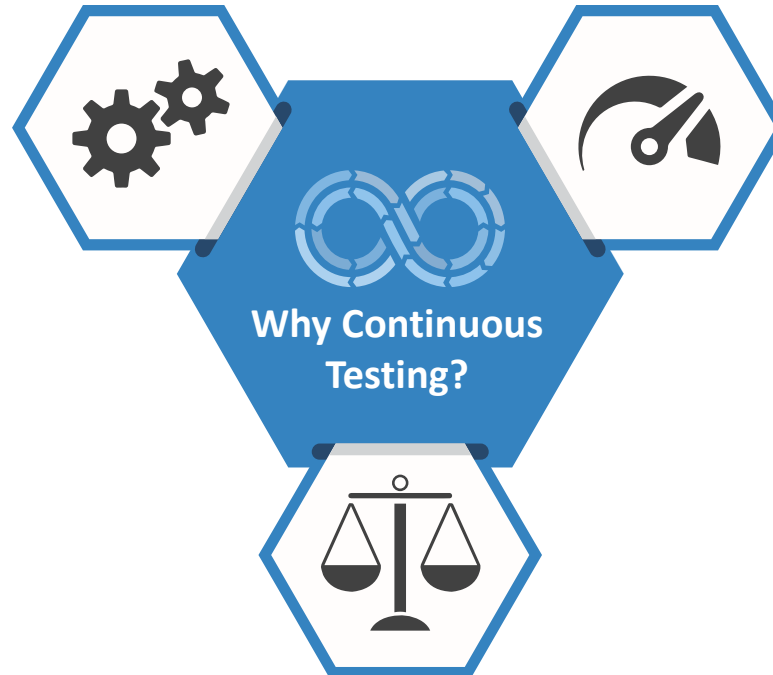


Automating infrastructure creation and clean up will eliminate human errors and **avoid unnecessary costs** of unused for invalid infrastructure.

The new software paradigm requires the business to define and establish automated quality gates that continuously mitigate the risk of *business* failure



Systematic, centralized
decision making to factor
business risk into SDLC



Safety net to allow
developers to bring
innovations to market faster

A feedback system for better trade-off
decisions between release scope,
time and quality