# CI/CD
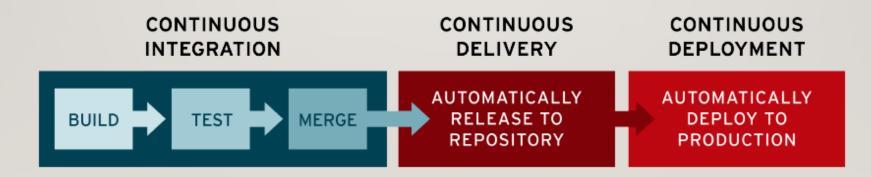
CONTINUOUS INTEGRATION, DELIVERY AND DEPLOYMENT

MEANING OF CI/CD

- The "CI" in CI/CD always refers to continuous integration, which is an automation process for developers. Successful CI means new code changes to an app are regularly built, tested, and merged to a shared repository.

- Continuous deployment (the other possible "CD") can refer to automatically releasing a developer's changes from the repository to production, where it is usable by customers.

BENEFIT OF CI/CD

- Faster time to market

- Reduced risk

- Shorter review time

- Better code quality

- Smoother path to production

- Faster bug fixes

# 4 BENEFIT OF CI/CD

- Efficient infrastructure

- Measurable progress

- Tighter feedback loops

- Collaboration and communication

- Maximized creativity