

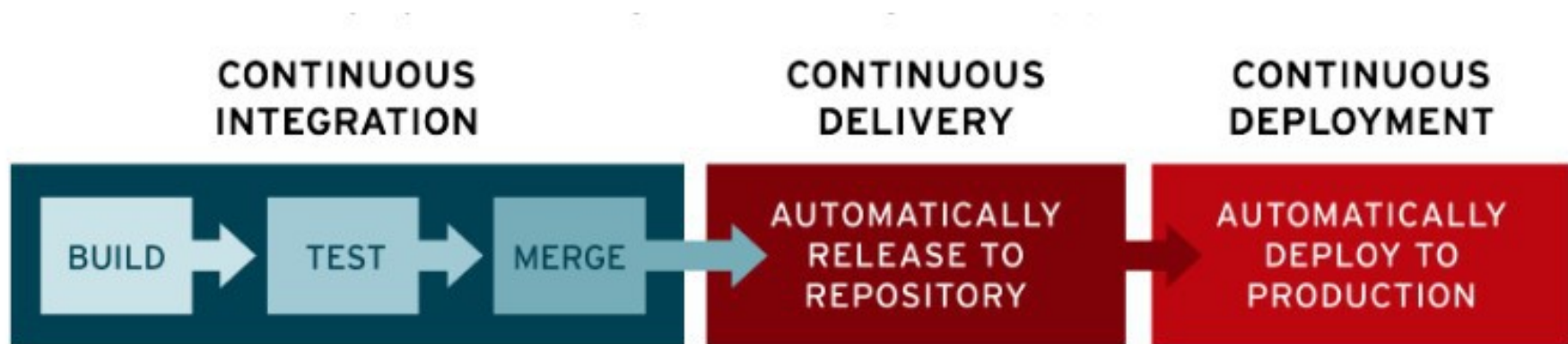
# CICD- Continuous integration and continuous delivery

## What it mean

CI/CD is a method to continuously deliver apps to Users with automation into the stages of app development. The main concepts attributed to CI/CD are continuous integration, continuous delivery, and continuous deployment.

CI/CD is a solution to the problems integrating new code can cause for development and operations teams

# CICD Pipeline



# CI/CD Benefits

- CI/CD code changes are easy
- Fault detection is easy and quick. Detecting the root
- Easy troubleshooting of the fault is one of the most proclaimed benefits of CI/CD.
- A CI/CD pipeline enables developers to integrate their code into a common repository in smaller batches.
- Through this repository, developers can share their builds with the entire team rather than working in isolation.
- Now, the whole team can collaborate for thorough detection and fixation of the most severe bugs and also the roll back mechanism is well defined