



CI/CD - How to automate the delivery process.

Adding more value to our clients implementing CI/CD pipelines.



Continuous Integration (CI)

Continuous Integration focuses on the source code.

Every manual steps like testing, compiling, linting, source code validation and vulnerability checking now are responsible by CI, avoiding to waste time with this activities and aiming the final value objective.

Continuous Deployment (CD)

Continuous Deployment focuses on built code and deployment.

The CD is responsible for deploy the application into development / stage / production environments and verify if the deployed services is running OK. If some error was raise, the version that is running successfully, won't be affect and the failed one will be discarded. Otherwise, the new version is deployed and the oldest one will be deleted, avoiding unused resources costs.

Benefits of CI/CD

- Raise errors as soon as possible to avoid new costs.
- Reduce downtime that gives more reliability to our clients and protect the company revenue.
- Less infrastructure costs from unused resources.
- Detect security vulnerability before going to production. That avoid extra costs.
- Remove many manual steps. That gives us less time testing and less time deploying into production and, consequently, avoid extra costs, protect revenue and delivery value quickly.

Drawbacks of CI/CD

- Less time of the "pizza time" during the deployment.