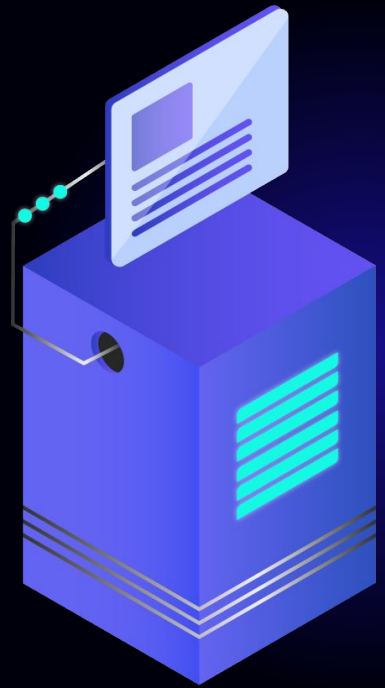
Why DevOps

DevOps and its cost-effectiveness



INTRODUCTION

DevOps is a term to combine between developers and operation team, and Its give the cloud-based application to be delivered on the fly

01

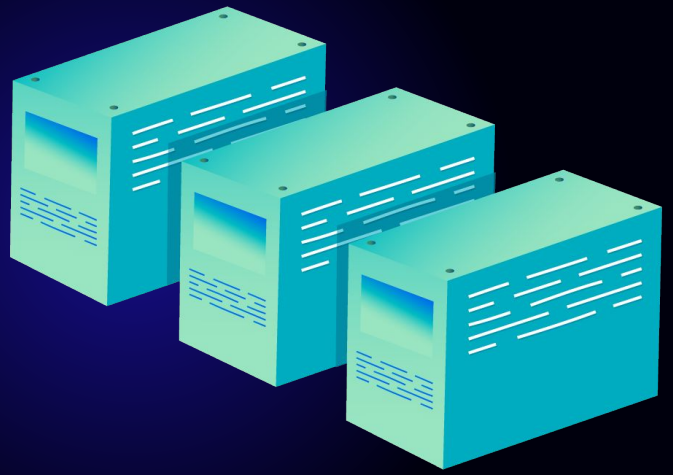
Why DevOps

DevOps

A lot of Developers are struggling to deliver their products when the release a new feature, and its take time to integrate the feature to the existence production

So, DevOps comes to solve this problem and In another term the automate those things, once the developers releases a feature, the integrate the code together and build it then publish it

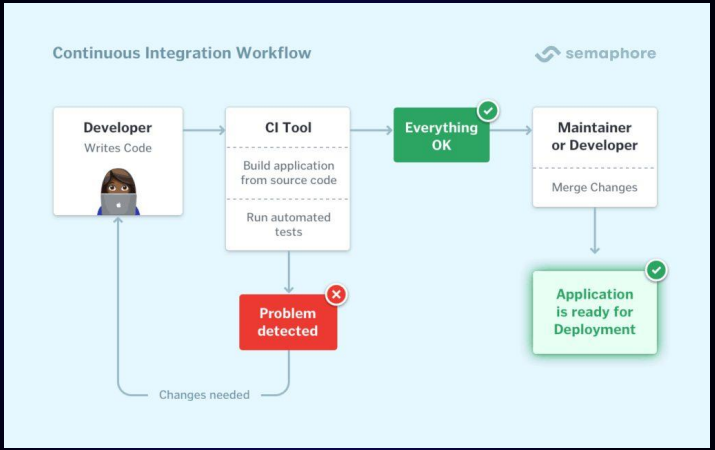
Which mean less time to deploy and seeing the results and less time mean less cost



Continuous integration

Its belongs to the integrating and testing the new changings to the code and validating it, which means that the integration should meet the requirements,

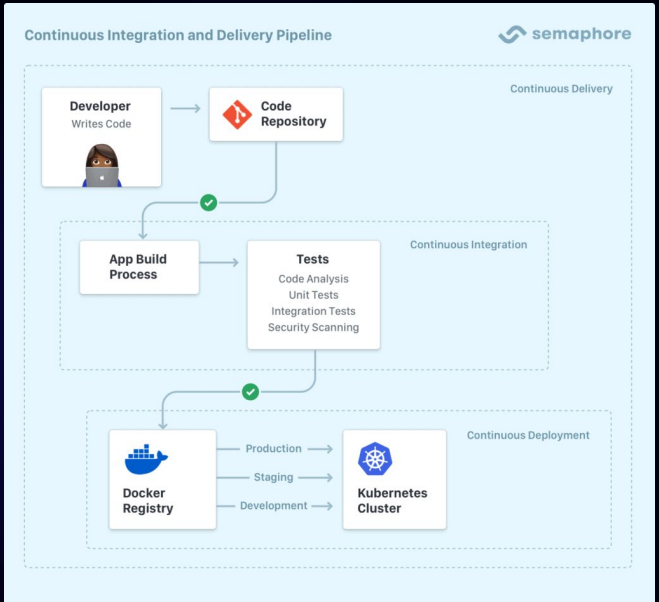
Once all this is Ok then it can moved to the CD pipeline to be deployed



Continuous Deployment

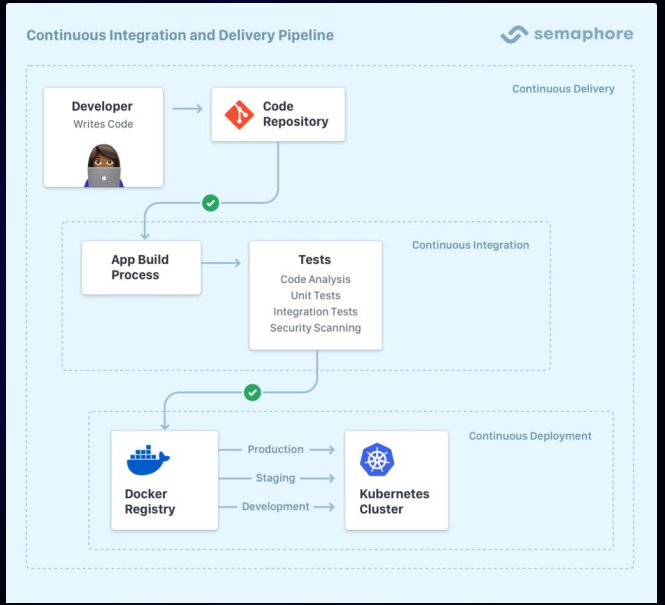
It's only works when the CI works perfectly and the code integrated well and pass the tests

Its make the app publish more quickly and being available for users



The benefits

The benefits its really clear

- Finding bug earlear, fixing them
- Everything is can be automated, Starts from building, testing, and deployment
- Deliver the software more often
- Getting the feedback more faster

All those turns into benefits to the business terms like avoiding unnecessary cost, deliver features more faster to the customers, which in turn to getting more customers, increase the revenue, and more.