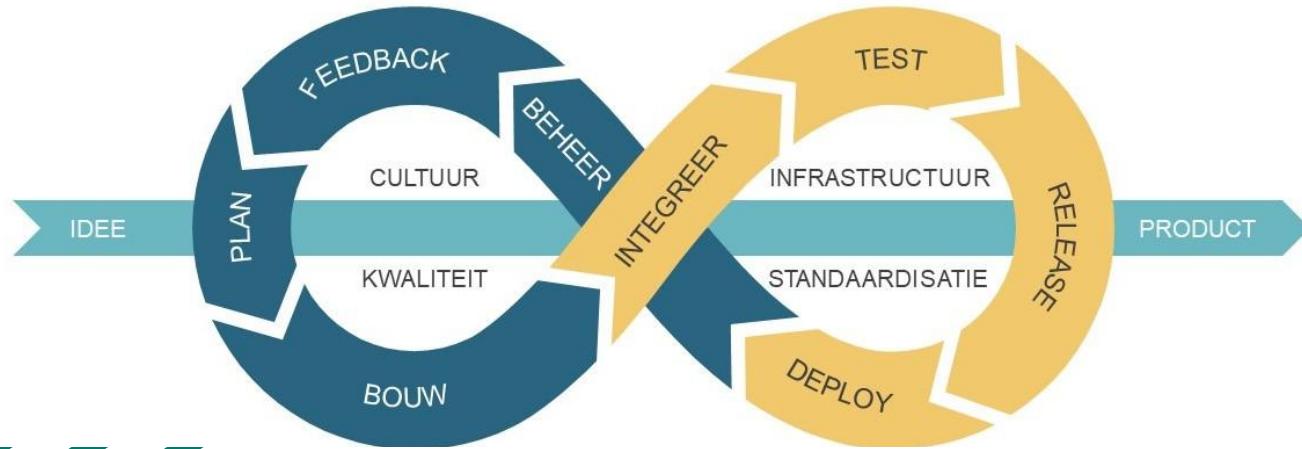


CI/CD

Save time & money with automation

By: Muhammed Mustafa



What is CI/CD ?

CI/CD stand for continuous integration and continuous delivery.

allows organizations to ship software quickly and efficiently.

CI/CD facilitates an effective process for getting products to market faster than ever before, continuously delivering code

into production, and ensuring an ongoing flow of new features

and bug fixes via the most efficient delivery method.

What are the differences between CI and CD?

(CI)

Continuous Integration

CI is practice that involves developers making small changes and checks to their code.

(CD)

Continuous Delivery

CD is the automated delivery of completed code to environments like testing and development. CD provides an automated and consistent way for code to be delivered to these environments.

CI/CD Benefits

- Automated testing enables continuous delivery, which ensures software quality and security and increases the profitability of code in production.
- Reduced Time-to-Market
- Reduced Costs: In the process of integrating software development and operations, you can reduce costs by decreasing the amount of time spent on maintenance and troubleshooting
- The great increase in overall speed of delivery enabled by CI/CD pipelines improves an organization's competitive edge.

How does CI/CD relate to DevOps?

DevOps is a set of practices and tools designed to increase an organization's ability to deliver applications and services faster than traditional software development processes. The increased speed of DevOps helps an organization serve its customers more successfully and be more competitive in the market

Conclusion

CI is a set of practices performed as developers are writing code, and CD is a set of practices performed after the code