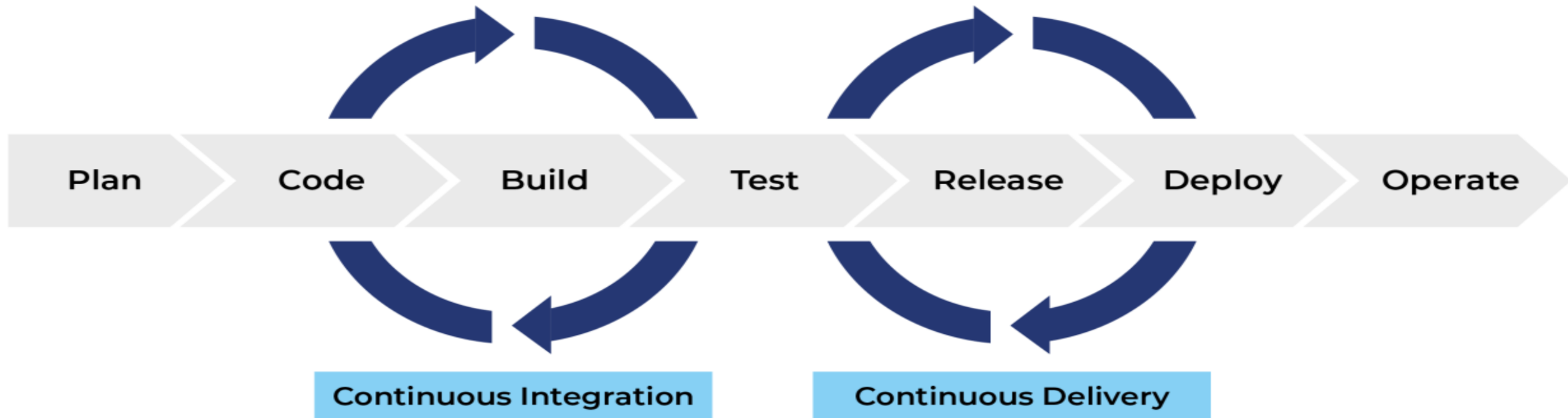


WHY CICD

CI/CD



Automation to reduce costs and labour

- Automation is one of the most important reasons to implement a CI/CD pipeline.
- automation not only make the life of the DevOps team easier, but also slash costs.
- Automated actions are also less susceptible to human error and easier to manage.
- The average cost of data center downtime is \$5,600 per minute, and the average downtime is 90 minutes, according to a Ponemon Institute study, so that's more than half a million dollars per incident.

Shorter time-to-market of new features

- If code changes are small, you can release software builds faster—essentially, on demand.
- This improves flexibility and the ability to ship new functionalities.
- Now when users ask for new features or competitors introduce enhancements, your reaction can be faster.

Increased business sustainability

- Most businesses don't aim to win a sprint — their goal is to win a marathon.
- Cutting ahead of the competition isn't easy and doing it consistently is even harder.
- By automating manual tasks, you can prevent your team from burning down all the way before your business becomes successful.

Troubleshooting costs

- With CI/CD pipeline properly automated, the process of the product deployment and release is more reliable and developers are not wasting hours on bug-fixing.
- This saves our time , and make us focus on the important stuff.
- In business world , time is money.

Improved customer satisfaction

- The ultimate goal of every CI/CD implementation is to make customers/clients happy.
- Buggy software can harm a company's reputation, sometimes irreparably. Fast and frequent releases,
- new features shipped regularly, bugs fixed promptly and immediate reaction to feedback.