



CI/CD

Our way forward





What is CI/CD?

- CI/CD is a method to frequently deliver our application.
- Main concepts are:
 - Continuous Integration
 - Continuous Delivery
 - Continuous Deployment
- CI/CD introduces ongoing automation and continuous monitoring through the lifecycle of our application . Beginning with from integration and testing phase to delivery and deployment



What is CI/CD?

What is Continuous Integration?

- Continuous Integration is an automation process for developers
- New Code changes are regularly build, tested and merged

What is Continuous Delivery/Deployment?

- Automatically bugtested and updated repository
- Automatically deployment from repository to production



Business Benefits of CI/CD

Better visibility on change

- Version control everywhere
- Ability to diff the system and know what changed
- Opens up capabilities for review and audits

Better learning from failure

- After finding a new issue we write a test to cover it
- So we automatically test for this issue and never have it again

Business Benefits of CI/CD

Reduction of risk

- No human interaction, so reduced risk of not following process
- Reduced chance of miscommunication on executing changes

Increased efficiency

- Reduced effort results in frequent (small) changes
- This leads to faster feedback making experimenting easier