

CI/CD in our organization

Continuous Delivery

Principles

- Repeatable Reliable Process
- Automate Everything
- Version Control Everything
- Bring Pain Forward
- Build-in Quality
- „Done” means released
- Everyone is responsible
- Continuous Improvement

Continuous Integration

Why so important?

- Less developer time on issues from new developer code
- Less bugs in production and less time in testing
- Prevent embarrassing or costly security holes
- Less human error, faster deployment
- Less infra costs from unused resources
- New value-generating features released more quickly
- Less time to market
- Reduced downtime from deploy related crash or major bug
- Quick undo to return production to working state

Continuous Deployment

Benefits

- Eliminate DIY for Continuous Delivery and increase focus on product
- Automate repetitive tasks
- Connect existing tools into a harmonious workflow
- Integrate teams and processes into unified pipeline
- Provide single view across applications and environments
- Improve productivity