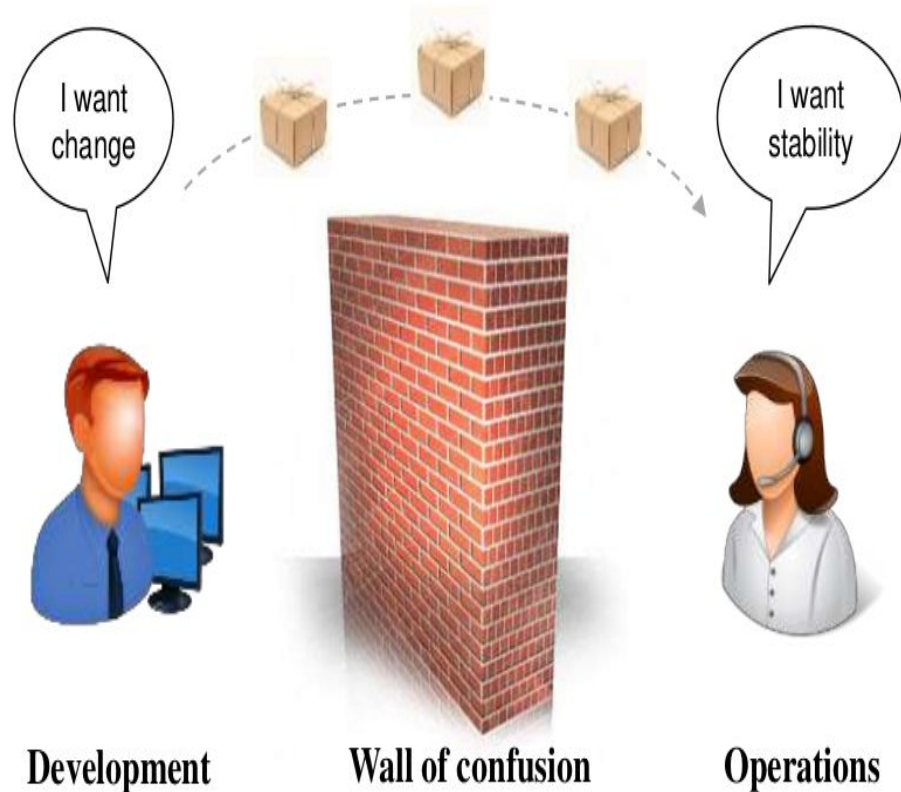


# Agenda

- Why ?
- What is ?
- Objectives
- Phases
- Tools

# Why DevOps?

- **Deployment Process**
- **Opposing goals between Development and Operations**



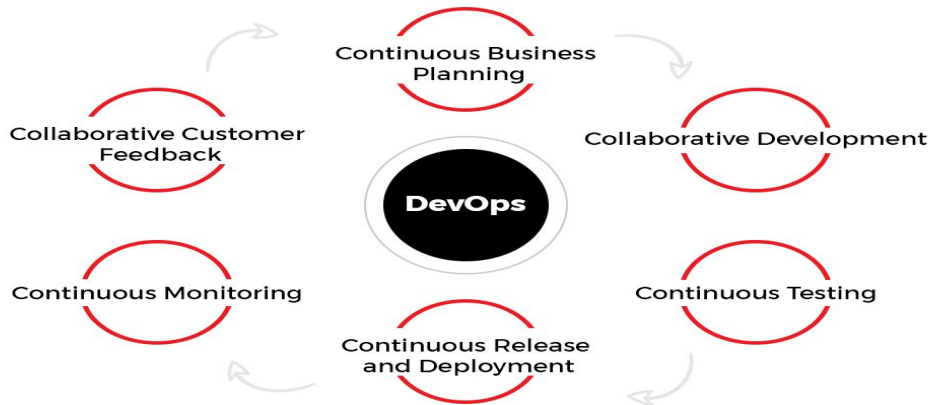
# What is DevOps?

- Best example of agile
- It's a Culture



# DevOps Objectives

- Improve the frequency of the deployment
- Achieve faster time to market the end product
- Decreases the failure rate of new releases
- Shortens the lead time between fixes
- Improves the meantime for the recovery purpose



# Phases of DevOps

- Continuous Integration
- Continuous Delivery
- Continuous Deployment

## CONTINUOUS INTEGRATION



## CONTINUOUS DELIVERY

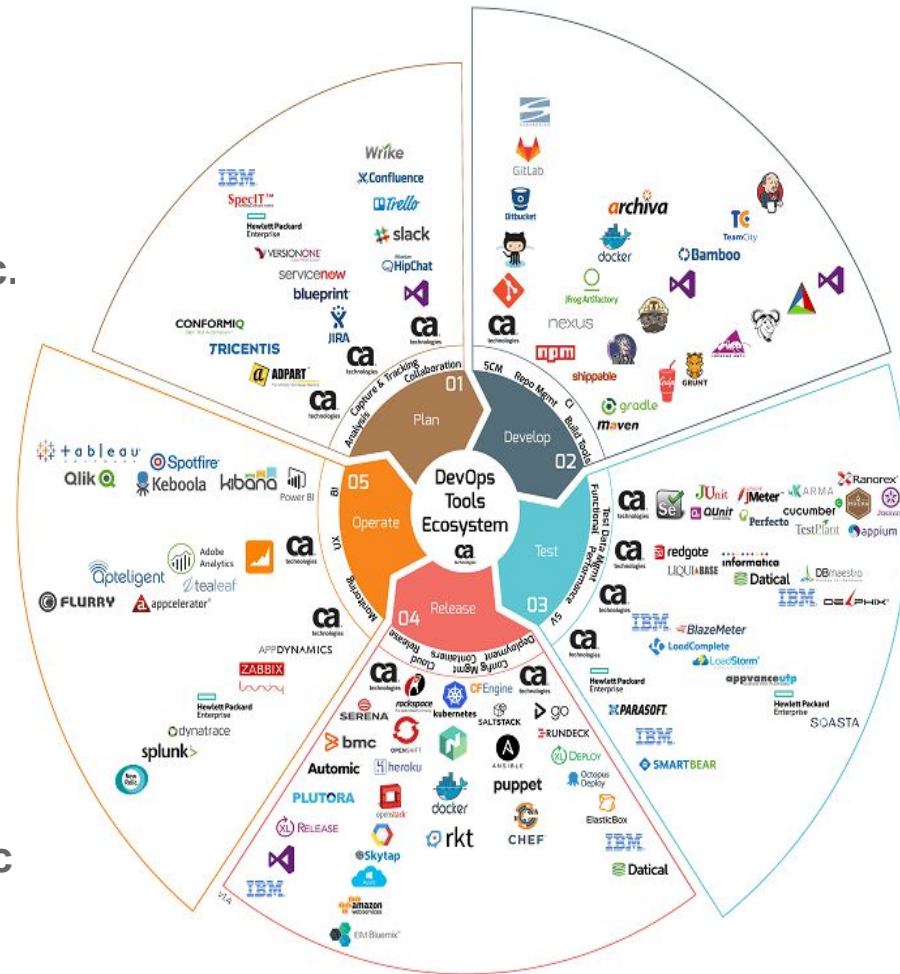


## CONTINUOUS DEPLOYMENT



# DevOps Tools

- Source code repository
  - Git, Apache Subversion, Nexus, etc.
- Configuration management
  - Puppet, Chef, Ansible etc.
- Containerization
  - Docker, Rkt etc.
- Container orchestration
  - Kubernetes, Swarm, AWS ECS etc.
- Continuous (Integration/Deployment)
  - Jenkins, Circleci etc.
- Infrastructure as a code
  - Terraform, AWS CloudFormation etc



Thank  
you!