

DEVOPS TRAINING BATCH

Code Mind Technology

Session 1

SDLC

It makes it clear what the problem or goal is.

It is easy to get ahead of yourself when taking on a large project.

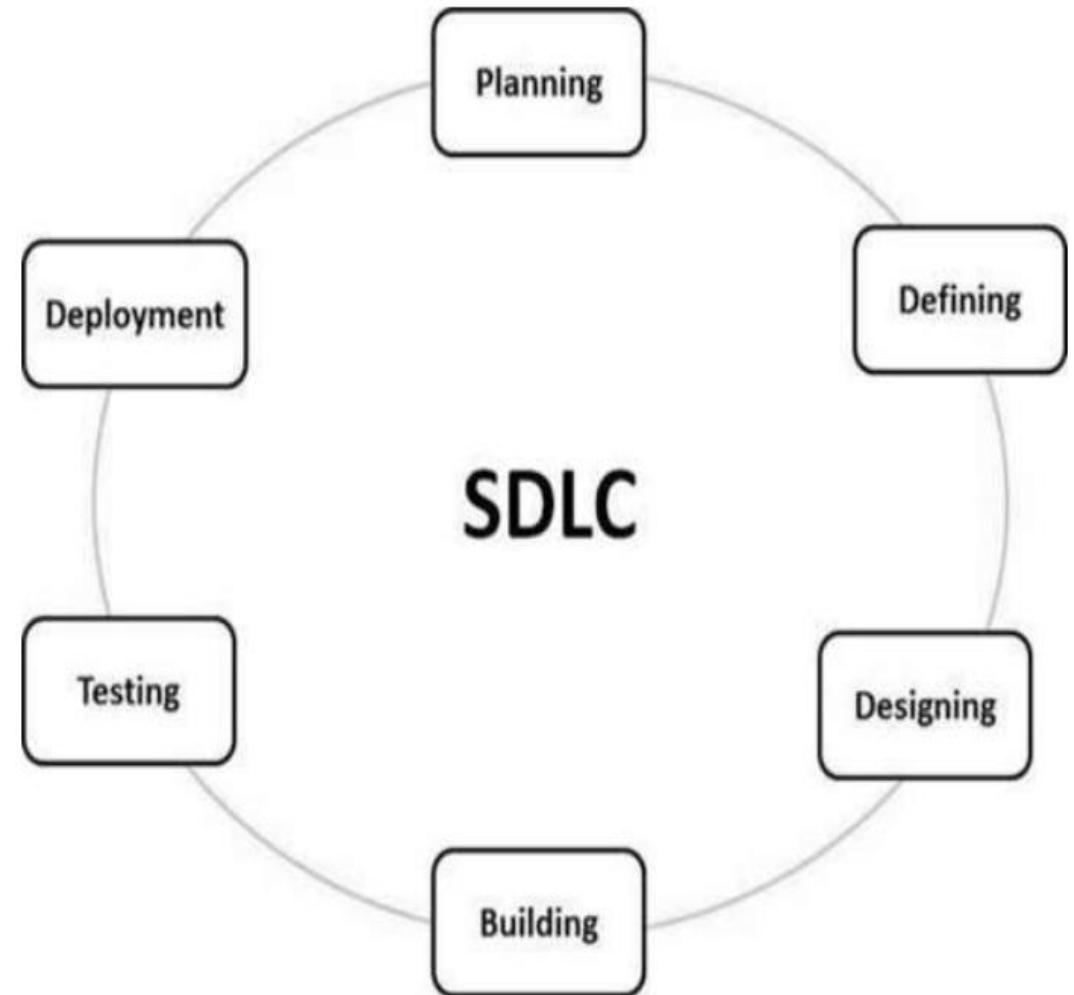
Being able to identify goals also help in discovering problems clearly.

There is significant clarity in the design.

The product goes through sufficient testing.

Losing a team member won't be detrimental to the project.

In the case of roadblocks, the development team can follow the same loop until they eventually succeed.

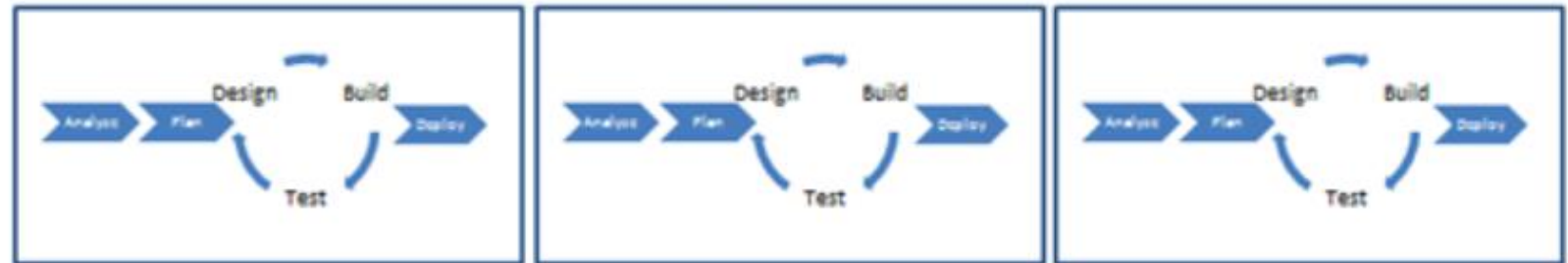


WATERFALL VS AGILE

Waterfall



Agile



WHAT IS DEVOPS?

As name suggested Development and Operations

Components :

Collaboration

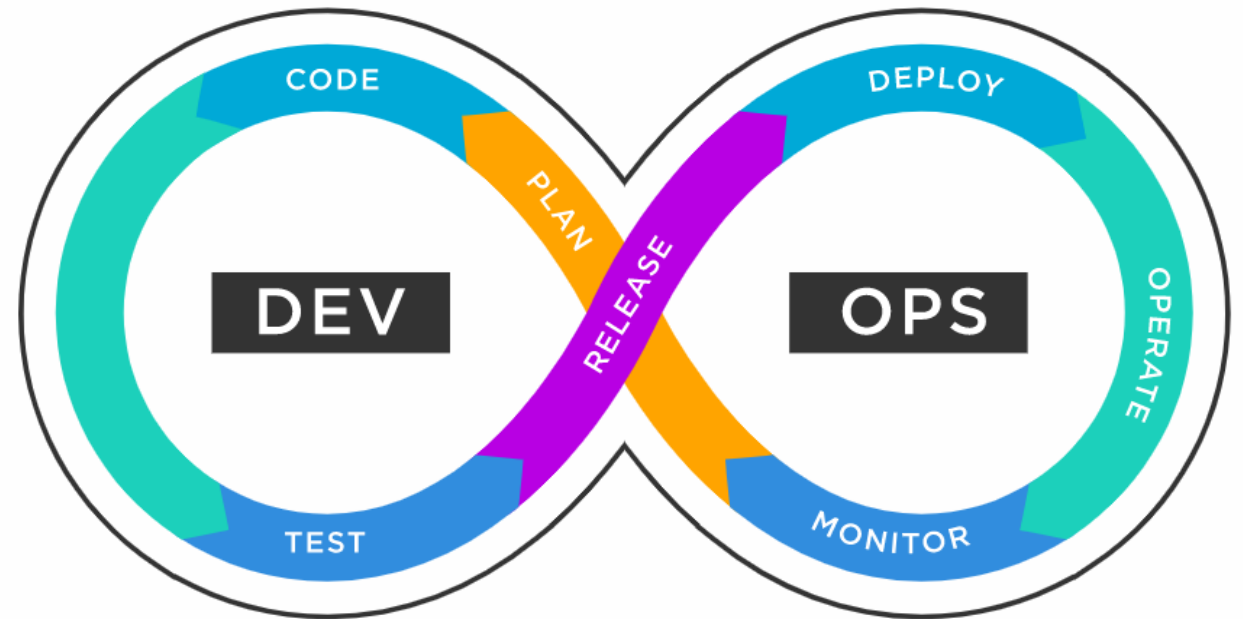
Automation

Continuous Integration

Continuous Testing

Continuous Deployment

Continuous monitoring



TOOLS FOR DEVOPS

Source Code Repository

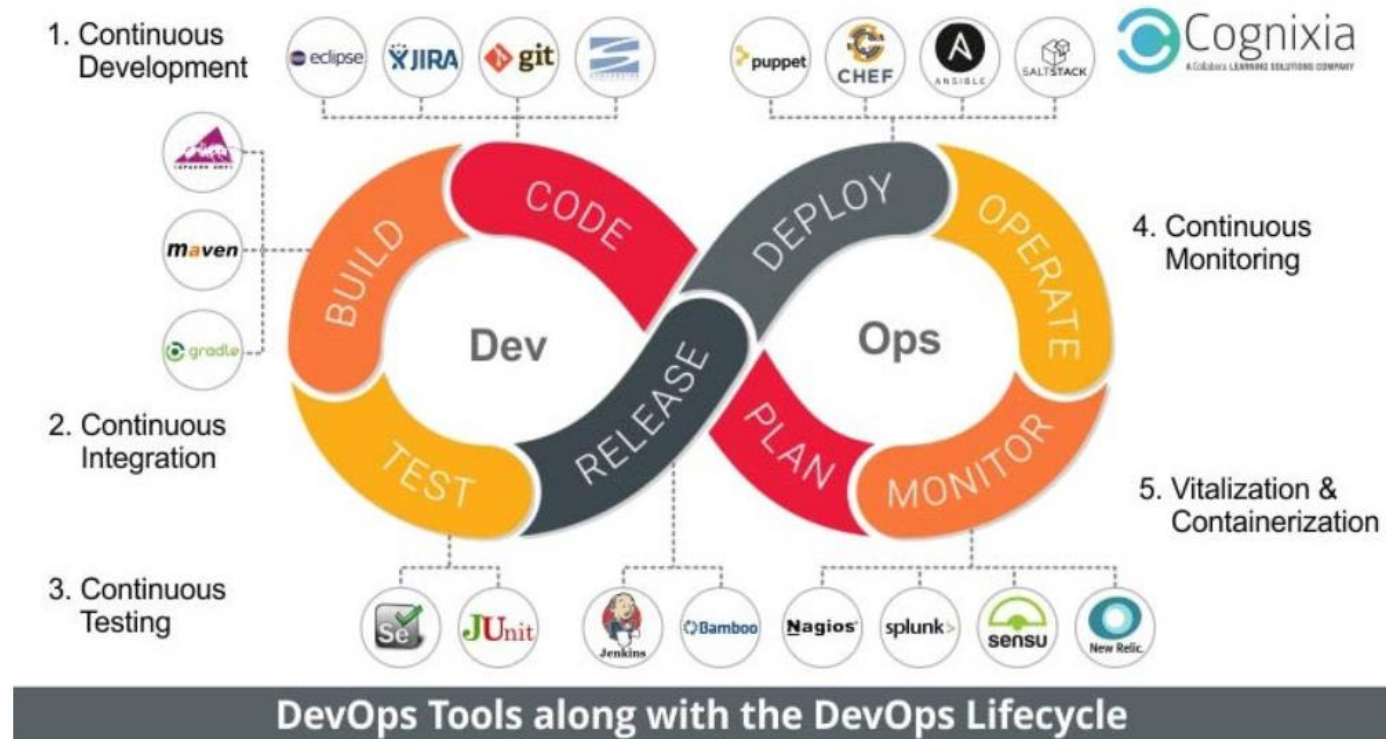
Build Server

Configuration Management

Virtual Infrastructure

Test Automation

Pipeline Orchestration



BENEFITS OF DEVOPS

Advantages of DevOps

- ✓ Improved agility
- ✓ Avoid human silos
- ✓ Raises visibility of changes
- ✓ Encourages cross-training
- ✓ Smaller changes, more often
- ✓ Plan, and test failures
- ✓ Faster feedback
- ✓ Reduces repetitive work
- ✓ Secure the supply chain
- ✓ Faster recovery

TASKS OF A DEVOPS

