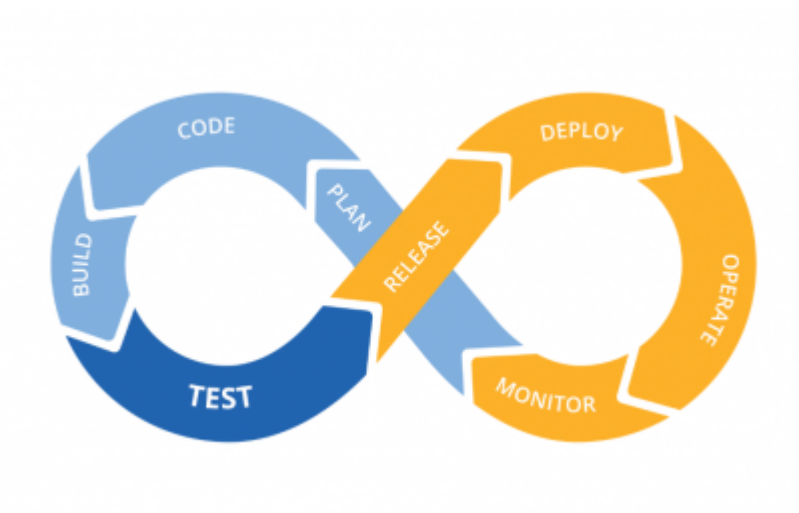# DevOps

- description : DevOps
- author :
- email : bjlee@repia.com
- lastupdate : 2022-03-16

Intro

(Devops) ?

- (DevOps) (Development) (Operations)
- ,
  .

Case Study

(DevOps)

- IT
  - IT , IT

    IT Devops
    .

-
  1.
  2. ,
  3.

-
  1.
  2.
  3.

Devops

一.

- (Code Repositories)
  -
  - ex) Git, SVN

- (Artifact Repositories)
  - (, .jar)
  - ex) JFrog, Nexus Repository

- (Containers)
  -
  - ex)Docker, Microsoft Hyper-V

- CI/CD
  - CI(Continuous Integration)
  - CD(Continuous Deploy or Continuous Delivery)
  - , ,
  - ex)Jenkins, Travis CI

(DevOps)

```
1.
  Micro Service Architecture(                                    ,

     )    CD(Continuous Delivery)

                                                               .
2.
  CI(Continuous Integrity)    CD(Continuous Delivery)

                                                   .

                                                   .
3.
  CI(Continuous Integrity)    CD(Continuous Delivery)

                                         .
4.

                                                   .

                 (                CI(Continuous Integrity)

          API

                                                   )
```

, , ．

5.

6. ， ．

，

．

VS

DevOps	
– ． DevOps IT ．	– ． " " ． IT ， ．
– ( ) ． DevOps ， ， ． ．	– ． ． ．
– ． DevOps IT IT ． / ．	– " (IT) " ． IT IT ． ， ， ， ．
– ． DevOps ． ．	– ． IT ． ．
– ． DevOps ． ． ．	– ． ． ．

- (DevOps) (Agile)

Term

- CI,CD
- (Organizational Silos Effect):
  .
- (Provisioning):
  ,   ,

  ,   .
- (parity):   1

Ref

https://aws.amazon.com/ko/devops/what-is-devops/?nc1=h_lshttps://aws.amazon.com/ko/devops/what-is-devops/?nc1=h_ls
https://tanzu.vmware.com/kr/devops

, DevOps,