DevOps

- description : DevOps
- author :
- email : bjlee@repia.com
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Intro

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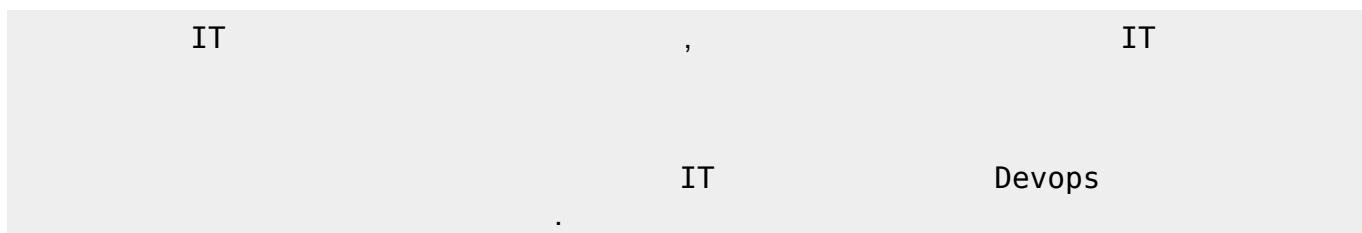
- (DevOps) (Development) (Operations)
- ,
.

Case Study

(DevOps)

- IT

> IT , IT
>
> IT Devops
> .

-
  1.
  2. ,
  3.

-
  1.
  2.
  3.

Devops

.

- (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)
- (DevOps)

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,

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