

DevOps

- description : DevOps
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Intro

(Devops) ?

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



Case Study

(DevOps)

- IT
 - IT , IT
- IT Devops
 - IT
- 1. 가 가
 2. , 가
 - 3.
- - 1.
 2. 가
 3. 가

Devops 가

—.

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

- (Artifact Repositories)
 - (, .jar)
 - ex) JFrog, Nexus Repository
- (Containers)
 - 가
 - ex) Docker, Microsoft Hyper-V
- CI/CD
 - CI(Continuous Integration)
 - CD(Continuous Deploy or Continuous Delivery)
 - , , 가
 - ex) Jenkins, Travis CI

(DevOps)

1. Micro Service Architecture(,) CD(Continuous Delivery)
2. CI(Continuous Integrity) CD(Continuous Delivery)
3. 가 .
4. CI(Continuous Integrity) CD(Continuous Delivery)
5. (CI(Continuous Integrity) .
6. API 가) , , 가 .
7. 가 .

VS

DevOps	
DevOps IT	“ ” IT ,
DevOps () 가 가	가 .
DevOps IT IT /	“ (IT) ” IT 가 IT , , ,
DevOps	IT 가 .
DevOps 가	가 .

- (DevOps) (Agile)

Term

- CI,CD
- (Organizational Silos Effect):
- (Provisioning):
가
,
,
가
- (parity): 가 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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