

# Jenkins

- description : jenkins
- author :
- email : hylee@repia.com
- lastupdate : 2020-06-10

## Jenkins

### Jenkins ?

- (Jenkins) (CI : continuous integration)
- .
- Git 가 .
- CI/CD (SpotBugs, ...) 가
- 

1.

### Jenkins download

#### Past Releases

Tip : ex) 2.50, 2.100 2.100 . ( 가 )  
 Tip : jenkins 2.54 8 .



2.

```
.sh
code      ..      #{jenkins      }/log
```

```
#jenkins.sh
#!/bin/bash
JAVA_HOME=#{java      }
HTTP_PORT=9090
JENKINS_HOME=#{jenkins      }

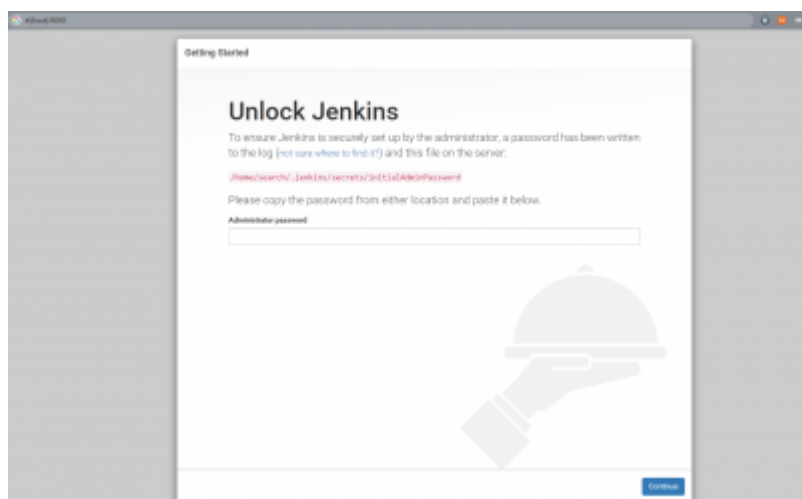
export JAVA_HOME HTTP_PORT

nohup $JAVA_HOME/bin/java -jar $JENKINS_HOME/jenkins.war --
httpPort=$HTTP_PORT --sessionTimeout=120 -XX:+AggressiveOpts >>
./logs/jenkins.log 2>&1 &
```

```
jenkins.sh      port
```

```
[search@localhost jenkins]$ sudo firewall-cmd --zone=public --add-
port=9090/tcp --permanent
success
[search@localhost jenkins]$ sudo firewall-cmd --reload
success
[search@localhost jenkins]$ sudo firewall-cmd --list-ports
22/tcp 3306/tcp 8080/tcp 80/tcp 9090/tcp

[search@localhost jenkins]$ ./jenkins.sh
```



3.

```
/home/search/.jenkins/secrets/initialAdminPassword
```

가

```
search
```

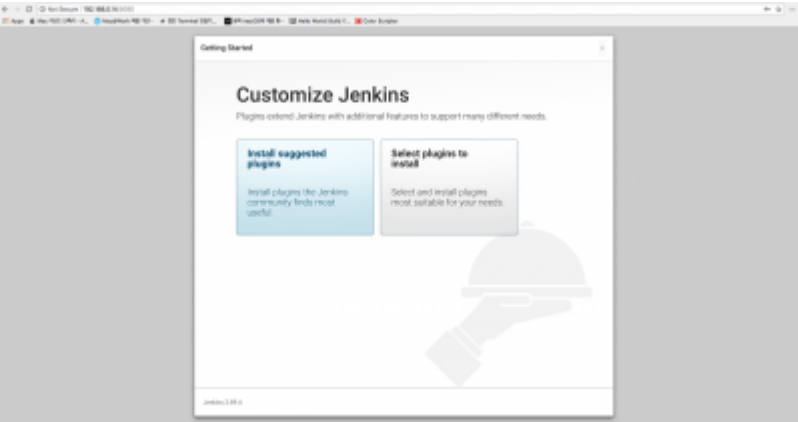
```
./jenkins.sh
```

가 search가

가

```
vi /home/search/.jenkins/secrets/initialAdminPassword
```

Administrator password



Tip : suggested false jenkins

4. (svn + war )



# Jenkins

Jenkins >

-  새로운 Item
-  사람
-  빌드 기록
-  Jenkins 관리
-  Credentials
-  Terminal
-  New View

### 빌드 대기 목록

빌드 대기 항목이 없습니다.

### 빌드 실행 상태

- 1 대기 중
- 2 대기 중

Item .



# Jenkins

6 로그인

### Enter an item name

\* Required field

 **Freestyle project**  
이것은 Jenkins의 주요 기능입니다. Jenkins은 이 빌드 시스템과 어떤 SCM(항상관리)으로 푸인 장인의 프로젝트를 빌드할 것이고, 소프트웨어 빌드보다 다른 어떤 것에 자주 사용될 수 있습니다.

 **Pipeline**  
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

 **External Job**  
이 유형의 작업은 원격 장에서 Jenkins 코우에서 통치하는 프로세스의 실행을 기록하는 것을 허용합니다. 그렇게 설계되어서, 기존의 자동 시스템의 대시프로세서 Jenkins를 사용할 수 있습니다.

 **Multi-configuration project**  
다양한 환경에서의 테스트, 실행을 특성, 기타 응용 작업 다수의 서로다른 환경설정이 필요한 프로젝트에 적합함.

 **Folder**  
Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

 **GitHub Organization**  
Scans a GitHub organization (or user account) for all repositories matching some defined markers.

 **Multibranch Pipeline**  
Creates a set of Pipeline projects according to detected branches in one SCM repository.

If you want to create a new item from other existing, you can use this option:

 Copy from:

Item name      Freesyle project .

General 소스 코드 관리 빌드 유발 빌드 환경 Build 빌드 후 조치

소스 코드 관리

☐ None  
☐ Git  
☒ Subversion

Modules

Repository URL:

Credentials:

Local module directory:

Repository depth:

Ignore externals: ☒

Cancel process on externals fail: ☒

Add module...

Additional Credentials:

Check-out Strategy:

Use 'svn update' whenever possible, making the build faster. But this causes the artifacts from the previous build to remain when a new build starts.

Quiet check-out: ☒

Repository browser:

Credentials

Add

Tip : Repository URL

Apps

Url (eclips

Url)

/trunk

Jenkins &gt; Jenkins

&gt; Global Tool Configuration

가 maven

Jenkins > Global Tool Configuration

Maven

Maven installations

☒ Install automatically

☐ Install from Apache

Version:

Item

Build

Invoke top-level Maven targets

Maven Version:

Goals:

Maven Version :

Goals : clean install

5.

## 5-1. jenkins

4.                      Add build step                      Execute shell                      Command가

jenkins                      .war                      .  
.war                      .sh                      .

## 5-2. jenkins

5.1                      jenkins

Send build artifacts over SSH                      .

Send build artifacts over SSH가                      Publish Over SSH Plugin                      .

Plugin                      가                      Jenkins >                      가                      SSH Servers가                      .

.(Apps                      )

SSH Servers

SSH Server

Name: apps.repla.com

Hostname: 192.168.10.117

Username: www

Remote Directory: /NAS\_APPS/tomcat-instance/apps.repla.com/webapps/ROOT

☒ Use password authentication, or use a different key

Passphrase / Password: Concealed [Change Password](#)

Path to key:

Key:

Jump host:

Port: 10202

Timeout (ms): 300000

Disable exec: ☐

Proxy type:

Proxy host:

Item

빌드 후 조치

Send build artifacts over SSH

SSH Publishers

SSH Server

Name: apps.repla.com

Transfers

Transfer Set

Source files: \*\*/\*.war

Remove prefix: trunk/target

Remote directory:

Exec command: /NAS\_APPS/tomcat-instance/apps.repla.com/deploy/jenkins\_deploy.sh apps-1.0.0.war

All of the transfer fields (except for Exec timeout) support substitution of [Jenkins environment variables](#)

[Add Transfer Set](#)

[Add Server](#)

|                 |      |                                  |   |   |
|-----------------|------|----------------------------------|---|---|
| Remove prefix : | ROOT | ROOT/trunk/target/apps-1.0.0.war | 가 | . |
| Exec command :  |      | bash                             |   | . |

## Tip

## Troubleshooting

## Ref

- [CentOS 7 Jenkins](#) ::
  - [Jenkins](#) 가
  - [CentOS 6 Jenkins](#) SVN + Spring Maven
  - [CI -](#) (SSH)
  - [\(Jenkins\)](#) (Remote)
  - [Cannot run program "mvn" error=2, No such file or directory](#)
- , [jenkins](#)

From:

<http://125.132.25.164/dokuwiki/> -  
2023.12

Permanent link:

<http://125.132.25.164/dokuwiki/doku.php?id=wiki:3party:jenkins&rev=1600736002>

Last update: **2022/03/10 19:52**

