# **Docker Install**

- description : Docker CentOS RSA
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- lastupdate : 2022-11-10 Thu

#### 가

- putty
- File Zilla FTP Client

## 가 WSL v2

- 1. Window ' 'Microsoft Store'
- 2. Store Store ∘ Windows Terminal, Ubuntu 22.xx.x
- 3. Ubuntu 22.xx.x install~~... 7
- 4. 'Microsoft Store' X
- 5. Window ' 'Windows PowerShell'
- 6. 'Windows PowerShell'

```
C:\Windows\system32> wsl.exe --install
C:\Windows\system32> wsl -l -v
                                                                        //
           WSL
                               가.
              NAME
                           STATE
                                        VERSION
          Ubuntu-22.04
                          Running
C:\Windows\system32> wsl --set-version Ubuntu-22.04 2
                                                                        //
           WSL
                      2
C:\Windows\system32> wsl -l -v
                                                                        //WSL
                           VERSION 2
              NAME
                                        VERSION
                           STATE
          Ubuntu-22.04
                           Running
                                           2
 1.
                 'Windows PowerShell'
 2. https://www.docker.com/
                              가
 3.
```

4. 가 . SKIP 가 . 5. .

6. Resources  $\rightarrow$  WSL Integration  $\rightarrow$  Enable integration with additional distros WSL2

```
Ubuntu가
```

7. WSL2 Ubuntu가

'Windows PowerShell'

## WSL PC(Docker Desktop) CentOS Container

- 1. Ubuntu
- 2.

```
hgkim@LAPTOP-266L93S4:~$ docker run -p 7100-7110:7100-7110/tcp -p 80:80 -p
8080:8080 -p 22:22 --privileged -d --name reins( )
centos:7.9.2009( 0S - ) /sbin/init
// remote side unexpectedly closed network connection [Docker] Failed
to get D-Bus connection: Operation not permitted
hgkim@LAPTOP-266L93S4:~$ docker exec -it reins( ) /bin/bash
```

```
[root@60ecf6972a57 /]# yum update && yum install -y sudo
[root@60ecf6972a57 /]# yum install net-tools
[root@60ecf6972a57 /]# yum install -y libjpeg* libpng* freetype* gd-* gcc
gcc-c++ gdbm-devel libtermcap-devel
```

```
[root@60ecf6972a57 /]# yum install firewalld
11
[root@60ecf6972a57 /]# sudo systemctl start firewalld
11
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-port=22/tcp
11
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-port=80/tcp
11
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-port=8080/tcp
11
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-
port=7100-7110/tcp
                              11
[root@60ecf6972a57 /]# firewall-cmd --reload
11
[root@60ecf6972a57 /]# firewall-cmd --list-port
11
```

#### ssh

```
[root@60ecf6972a57 /]# yum -y install openssh-server openssh-clients
openssh-askpass //ssh
[root@60ecf6972a57 /]# systemctl restart sshd.service
//
[root@60ecf6972a57 /]# vi /etc/ssh/sshd_config
//Port 22 :
[root@60ecf6972a57 /]# systemctl start sshd.service
//
[root@60ecf6972a57 /]# systemctl status sshd.service
//
```

### putty

```
[root@60ecf6972a57 /]# passwd
//putty root
[root@60ecf6972a57 /]# adduser hgkim
//putty
[root@60ecf6972a57 /]# passwd hgkim
//putty
```

## putty

- 1. putty
- 2. Host Name (or IP address) IP . IP (window + R ) cmd . ipconfig IP .
- 3. Port 22 . ssh .
- 4. Open .
- 5. putty .

```
login as: root
root@192.168.xx.xxx's password:
Login~~~...
```

[root@60ecf6972a57 /]\$ -mkdir /opt/search //search

- 1. RSA , tomcat, java
- 2. File Zilla FTP Client
- 3. putty (IP)
- root ) (22 )

(root)

(

- 4. / 가 /opt/search/ .
- 5. RSA , tomcat, java ctrl
- 6. /opt/search/ 7. putty .
  - . 2023.12 http://rwiki.repia.com/

[root@60ecf6972a57 //search	search]\$	cd /opt/search/		
[root@60ecf6972a57	search]\$	tar -zxvf	.tar.gz	//
[root@60ecf6972a57	search]\$	ln -sn RSA	RSA	//
[root@60ecf6972a57	search]\$	ln -sn tomcat	tomcat9	//
[root@60ecf6972a57	search]\$	ln -sn java	java8	//
[root@60ecf6972a57	search]\$ hgkim	chown -R hgkim:hgk (    )	im *	//

### RSA java

INSTALL.PATH - \${RSA ROOT}/ [root@60ecf6972a57 search]\$ su - hgkim root hgkim ( . [hgkim@60ecf6972a57 /]\$ vi /opt/search/RSA/INSTALL.PATH RSA 가 ) . ex)RSA /opt/search/ 가 /PROJECT/kigam../RSA . [hgkim@60ecf6972a57 /]\$ cd /opt/search/RSA/bin RSA/bin /opt/search/RSA RSA/bin/ . [hgkim@60ecf6972a57 bin]\$ vi dbSpider JAVA HOME, RSS ROOT, TOMCAT HOME . [hgkim@60ecf6972a57 bin]\$ vi dbSpider JAVA HOME, RSS ROOT, TOMCAT HOME . [hgkim@60ecf6972a57 bin]\$ vi dbSpider JAVA HOME, RSS ROOT, TOMCAT HOME . [hgkim@60ecf6972a57 bin]\$ vi dbSpider JAVA\_HOME, RSS\_ROOT, TOMCAT\_HOME . [hgkim@60ecf6972a57 bin]\$ vi dbSpider JAVA HOME, RSS ROOT, TOMCAT HOME

#### Term

- 1. sudo (Super User DO)
- 2. apt (Advanced Packaging Tool)
  - 5 , Docker install,

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