

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~~... 가
4. 'Microsoft Store' X
5. Window 'Windows PowerShell'
6. 'Windows PowerShell'

```
C:\Windows\system32> wsl.exe --install
C:\Windows\system32> wsl -l -v //
WSL
NAME STATE VERSION
Ubuntu-22.04 Running 1
C:\Windows\system32> wsl --set-version Ubuntu-22.04 2 //
WSL 2
C:\Windows\system32> wsl -l -v //WSL
VERSION 2
NAME STATE VERSION
Ubuntu-22.04 Running 2
```

1. 'Windows PowerShell'
2. <https://www.docker.com/> 가
- 3.
4. 가 . SKIP 가
- 5.
6. Resources → WSL Integration → 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( OS - ) /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  
//  
[root@60ecf6972a57 /]# sudo systemctl start firewalld  
//  
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-port=22/tcp  
//  
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-port=80/tcp  
//  
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-port=8080/tcp  
//  
[root@60ecf6972a57 /]# sudo firewall-cmd --permanent --add-  
port=7100-7110/tcp //  
[root@60ecf6972a57 /]# firewall-cmd --reload  
//  
[root@60ecf6972a57 /]# firewall-cmd --list-port  
//
```

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) (root)
root) (22) .
4. - / - 가
/opt/search/ .
5. RSA , tomcat, java ctrl .
6. /opt/search/ .
7. putty .

```
[root@60ecf6972a57 search]$ cd /opt/search/
//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]$ chown -R hgkim:hgkim * hgkim ( ) //
```

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
/opt/search/RSA . [hgkim@60ecf6972a57 /]$ cd /opt/search/RSA/bin RSA/bin
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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