

Docker Install

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

가

- putty

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
      NAME      STATE      VERSION      //WSL
      VERSION  2
      Ubuntu-22.04  Running    2
```

1. 'Windows PowerShell'
2. <https://www.docker.com/> 가
- 3.
4. 가 . SKIP
- 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@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 .
4. Open

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

```
[hgkim@60ecf6972a57 /]$
[hgkim@60ecf6972a57 /]$ -mkdir /opt/search //search
```

Term

1. sudo (Super User DO)
2. apt (Advanced Packaging Tool)

5 , Docker install,

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. - 2023.12

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