

# Docker Install

- description : Docker      CentOS      RSA
- author :      5
- email : hgkim@repia.com
- 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 //WSL
    NAME          STATE          VERSION
   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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