Docker Install

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

- putty

WSL v2

1.   Window   '   ' 'Microsoft Store'
   .
2.   Store   Store   .
   - Windows Terminal, Ubuntu 22.xx.x
3. Ubuntu 22.xx.x   install~~...   .
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/   .
3.   .   .
4.   . SKIP   .
5.   .
6. Resources → WSL Integration → Enable integration with additional distros   WSL2

Ubuntu   .
7. WSL2   Ubuntu   '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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