

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


```
[hgkim@60ecf6972a57 conf]$ vi install.conf
//installDir          rssPort1="7100",rssPort2="7101"
[hgkim@60ecf6972a57 conf]$ vi install.conf.xml
//installDir          rssPort1="7100",rssPort2="7101", host path=" IP
"
[hgkim@60ecf6972a57 conf]$ vi rssAdmMgr.conf
//IP:0.0.0.0, PORT:7103      . INSTALL_PATH
[hgkim@60ecf6972a57 conf]$ vi collsInfo.conf
// collection path
[hgkim@60ecf6972a57 conf]$ vi /opt/search/RSA/bin/html/WEB-
INF/classes/search.properties //search.path
[hgkim@60ecf6972a57 conf]$ vi /opt/search/RSA/db/h2/Linux/bin/dbStart.sh
//DBPORT=7102      DBPORT
[hgkim@60ecf6972a57 conf]$ vi /opt/search/RSA/db/h2/Linux/bin/dbStop.sh
//DBPORT=7102      DBPORT
```

Web

```
[hgkim@60ecf6972a57 conf]$ cd /opt/search/tomcat9/webapps
//          RSA
[hgkim@60ecf6972a57 webapps]$ ln -sn /opt/search/RSA/bin/html RSA
//          RSA
[hgkim@60ecf6972a57 webapps]$ vi /opt/search/tomcat9/conf/server.xml
//server.xml          <host></host>          가. <!-- -->
    <Host name="localhost" appBase="webapps"
        unpackWARs="true" autoDeploy="true">
        <Context path="/RSA" docBase="RSA" debug="0" reloadable="true"
allowLinking="true" />
        <!-- SingleSignOn valve, share authentication between web
applications
        Documentation at: /docs/config/valve.html -->
        .....
    </Host>
[hgkim@60ecf6972a57 webapps]$ vi /opt/search/RSA/bin/html/index.jsp
//index.jsp          front          RSA
    <SCRIPT LANGUAGE="javascript">
        document.location = "/RSA/front/Search.jsp";
    </SCRIPT>
```

```
[hgkim@60ecf6972a57 webapps]$ cd /opt/search/RSA/bin
//          /RSA/bin
[hgkim@60ecf6972a57 bin]$ ./RSS_START.sh
//
```

WAS

```
[hgkim@60ecf6972a57 bin]$ cd /opt/search/tomcat9/bin
// /tomcat9/bin
[hgkim@60ecf6972a57 bin]$ ./catalina.sh start
//WAS
```

1. Cannot find /PROJECT/kigam.repia.com/SearchApp/tomcat9/bin/setclasspath.sh
 - o tomcat9/bin/catalina.sh
2. ./startup.sh tomcat start. ps -ef | grep tomcat
tomcat 가
o server.xml <host></host> 가
<Context path="/RSA" docBase="RSA" debug="0" reloadable="true"
allowLinking="true" /> 가 .
- 5 , Docker CentOS install, RSA

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