

Linux2

Apache2 설치

1. \$ sudo yum update
2. \$ sudo yum upgrade
3. <http://progtrend.blogspot.com/2018/06/amazon-linux-2-apache-web-server.html>

WildFly 설치

1. <https://linuxize.com/post/how-to-install-wildfly-on-centos-7/>
2. 8080 port 열기

AWS 페이지에서 [보안그룹 - 인바운드 - 편집]

“사용자 지정 TCP”에서 8080 포트를 연다.

3. Search package

```
[ec2-user@ip-172-31-19-53 ~]$ sudo yum search firewall
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
===== N/S matched: firewall =====
firewall-config.noarch : Firewall configuration application
firewalld.noarch : A firewall daemon with D-Bus interface providing a dynamic firewall
firewalld-filesystem.noarch : Firewalld directory layout and rpm macros
python-firewall.noarch : Python2 bindings for firewalld
system-config-firewall.noarch : A graphical interface for basic firewall setup
system-config-firewall-base.noarch : system-config-firewall base components and command line tool
system-config-firewall-tui.noarch : A text interface for basic firewall setup
```

4. \$ sudo yum install firewall-config.noarch (이건 필요한지 모르겠음...)
5. 방화벽에서 8080 포트 접속 허용 <http://millky.com/@origoni/post/1128>

\$ sudo firewall-cmd --permanent --zone=public --add-port=8080/tcp

\$ sudo firewall-cmd --reload

6. http://{IP주소}:8080



Apache – Wildfly 연동

1. <https://jbh1024.tistory.com/11?category=561802>

2. Tomcat-connector 설치 (wildfly와 상응하는 버전이 필요)

```
$ sudo wget http://apache.mirror.cdnetworks.com/tomcat/tomcat-connectors/jk/tomcat-connectors-1.2.46-src.tar.gz
```

3. httpd.conf 위치 확인

```
$ sudo httpd -V | egrep "(HTTPD_W_ROOT|SERVER_W_CONFIG_W_FILE)"
```

```
-D HTTPD_ROOT="/etc/httpd"
```

```
-D SERVER_CONFIG_FILE="conf/httpd.conf"
```

4. httpd.conf 파일 수정

```
$ sudo vim /etc/httpd/conf/httpd.conf
```

파일 하단에 아래 박스의 내용 추가 (맨 아래 줄 주석 처리하면 연동이 안됨!)

```
#AJP13 Setting

LoadModule jk_module /etc/httpd/modules/mod_jk.so

JkWorkersFile /etc/httpd/conf/workers.properties

JkShmFile /var/run/mod_jk.shm

JkLogFile /var/log/mod_jk.log

JkLogLevel info

JkLogStampFormat "[%a %b %d %H:%M:%S %Y]"

JkMount /* worker1

JkMountFile /etc/httpd/conf/uriworkermap.properties
```

5. standalone.xml 파일 수정

```
$ vim /opt/wildfly/standalone/configuration/standalone.xml
```

파일 내에서 특정 단어 찾는 법 : esc → :/{finding word}

<ajp-listener name="ajp" scheme="http" socket-binding="ajp"/> 한 줄 추가.

```
</subsystem>
<subsystem xmlns="urn:jboss:domain:undertow:3.0" default-server="default-server" default-virtual-host="default-host" default-servlet-container="default" default-security-domain="other" statistics-enabled="${wildfly.undertow.statistics-enabled:${wildfly.statistics-enabled:false}}">
  <buffer-cache name="default"/>
  <server name="default-server">
    <ajp-listener name="ajp" scheme="http" socket-binding="ajp"/>
    <http-listener name="default" socket-binding="http" redirect-socket="https" enable-http2="true"/>
    <https-listener name="https" socket-binding="https" security-realm="ApplicationRealm" enable-http2="true"/>
  </server>
</subsystem>
```

```

<subsystem xmlns="urn:jboss:domain:undertow:8.0" ..... >

    <buffer-cache name="default"/>

    <server name="default-server">

        <ajp-listener name="ajp" scheme="http" socket-binding="ajp"/>

        <http-listener name="default" socket-binding="http" ..... />

        <https-listener name="https" socket-binding="https" ..... />

        .....

    </server>

</subsystem>

```

6. 방화벽에서 80 port 접속 허용

```
$ sudo firewall-cmd --permanent --zone=public --add-port=80/tcp
```

```
$ sudo firewall-cmd --reload
```

7. http://{IP주소}:80 을 통해 wildfly의 welcome page가 보이는지 확인

