

Installation	
Tool name	Wildfly + Infinispan
Tool version	8.2.0 + 7.1.1
Objective	Wildfly Kit Manual, Silent and cookbook Installation and Verification

Manual Installation:

1). Installation of java

Step 1 Download jdk-8u171-linux-x64.tar

<https://www.oracle.com/technetwork/java/javase/downloads/java-archive-javase8-2177648.html>

Step 2 Make Directory

```
sudo mkdir /usr/lib/jvm
```

Step 3 Extract jdk file in that directory

```
sudo tar -xvzf ~/Downloads/jdk-8u201-linux-x64.tar.gz
```

```

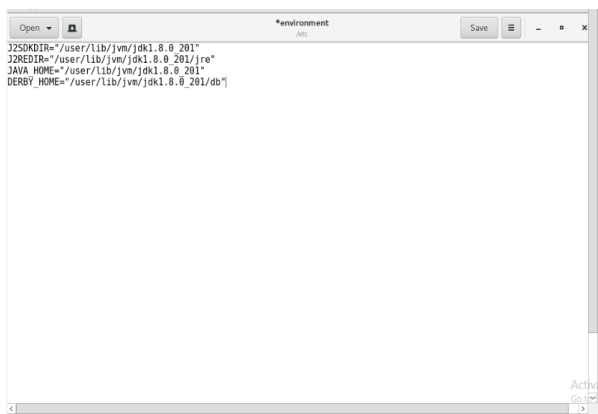
root@localhost:~# cd /usr/lib/jvm
bash: /jvm: No such file or directory
[root@localhost lib]# cd /
bin/  dev/  home/  lib64/  mnt/  proc/  run/  srv/  tmp/  var/
boot/  etc/  lib/  media/  opt/  root/  sbin/  sys/  usr/
[root@localhost lib]# cd /jvm
bash: cd: /jvm: No such file or directory
[root@localhost lib]# cd .
[root@localhost lib]# cd ..
[root@localhost usr]# cd ..
[root@localhost /]# /usr/lib/jvm
bash: /usr/lib/jvm: is a directory
[root@localhost /]# cd /usr/lib/jvm
[root@localhost jvm]# ls
java-1.7.0-openjdk-1.7.0.141-2.6.10.5.el7.x86_64
java-1.8.0-openjdk-1.8.0.131-11.b12.el7.x86_64
jre
jre-1.7.0
jre-1.7.0-openjdk
jre-1.7.0-openjdk-1.7.0.141-2.6.10.5.el7.x86_64
jre-1.8.0
jre-1.8.0-openjdk
jre-1.8.0-openjdk-1.8.0.131-11.b12.el7.x86_64
jre-openjdk
[root@localhost jvm]#

```

Step 4

Get Enviornment and set Variable

```
sudo gedit /etc/environment  
/usr/lib/jvm/jdk1.8.0_201/bin  
/usr/lib/jvm/jdk1.8.0_201/db/bin  
/usr/lib/jvm/jdk1.8.0_201/jre/bin
```



2). Installation of Wildfly

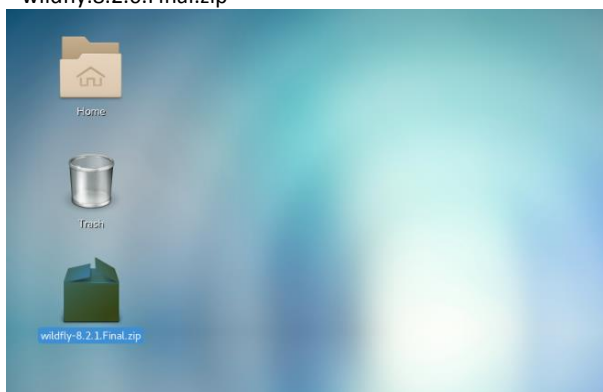
Step 1

Download wildfly.8.2.0.final.zip

<http://download.jboss.org/wildfly/8.2.0.Final/wildfly-8.2.0.Final.zip>

Step 2

Go to Download Folder and double click on
" wildfly.8.2.0.Final.zip "



Step 3

Unzip

Unzip the File in opt/wildfly directory

```
File Edit View Search Terminal Help
[root@localhost ~]# cd Desktop/
[root@localhost Desktop]# mv wildfly-8.2.1.Final /opt/wildfly/
[root@localhost Desktop]# cd /opt/
[root@localhost opt]# ls
chef rh wildfly
[root@localhost opt]# chmod -R 755 wildfly
[root@localhost opt]# cd wildfly/
[root@localhost wildfly]# ls
wildfly-8.2.1.Final
[root@localhost wildfly]# cd wildfly-8.2.1.Final/
[root@localhost wildfly-8.2.1.Final]# cd bin/
[root@localhost bin]# ./
add-user.bat          jconsole.bat
add-user.properties   jconsole.sh
add-user.sh           jdr.bat
appclient.bat         jdr.sh
appclient.conf        run.bat
appclient.conf.bat    run.sh
appclient.sh          service/
client/              standalone.bat
domain.bat            standalone.conf
domain.conf           standalone.conf.bat
domain.conf.bat       standalone.sh
domain.sh             vault.bat
init.d/              vault.sh
jboss-cli.bat         wsconsume.bat
jboss-cli-logging.properties wsconsume.sh
jbossclirc           wsprovide.bat
jboss-cli.sh         wsprovide.sh
jboss-cli.xml
```

Step 4

Run Cmd

Got to the Directory /opt/wildfly/bin/ and run the cmd
./standalone/sh

```
root@localhost:/opt/wildfly/wildfly-8.2.1.Final/bin
File Edit View Search Terminal Help
[root@localhost wildfly]# cd wildfly-8.2.1.Final/
[root@localhost wildfly-8.2.1.Final]# cd bin/
[root@localhost bin]# ./
add-user.bat          jconsole.bat
add-user.properties   jconsole.sh
add-user.sh           jdr.bat
appclient.bat         jdr.sh
appclient.conf        run.bat
appclient.conf.bat    run.sh
appclient.sh          service/
client/              standalone.bat
domain.bat            standalone.conf
domain.conf           standalone.conf.bat
domain.conf.bat       standalone.sh
domain.sh             vault.bat
init.d/              vault.sh
jboss-cli.bat         wsconsume.bat
jboss-cli-logging.properties wsconsume.sh
jbossclirc           wsprovide.bat
jboss-cli.sh         wsprovide.sh
jboss-cli.xml
root@localhost bin]# ./standalone.sh
=====
```

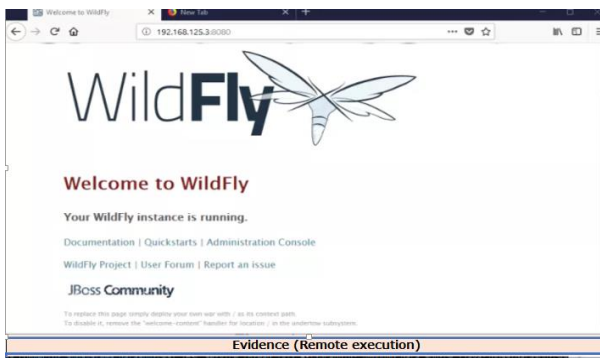
Step 5

Open this URL on browser

```
root@localhost:/opt/wildfly/wildfly-8.2.1.Final/bin
File Edit View Search Terminal Help
15:37:30,856 INFO [org.jboss.ws.common.management] (MSC service thread 1-1) JBW
5022052: Starting JBoss Web Services - Stack CXF Server 4.3.2.Final
15:37:30,973 INFO [org.jboss.as] (Controller Boot Thread) JBA5015961: Http mana
gement interface listening on http://127.0.0.1:9990/management
15:37:30,974 INFO [org.jboss.as] (Controller Boot Thread) JBA5015951: Admin con
sole listening on http://127.0.0.1:9990
15:37:30,975 INFO [org.jboss.as] (Controller Boot Thread) JBA5015874: WildFly 8
.2.1.Final "Tweek" started in 8303ms - Started 184 of 234 services (82 services
are lazy, passive or on-demand)
15:38:19,654 INFO [org.jboss.as.connector.subsystems.datasources] (MSC servic
e thread 1-8) JBA5010409: Unbound data source [java:jboss/datasources/ExampleDS]
15:38:19,663 INFO [org.wildfly.extension.undertow] (MSC service thread 1-5) JBA
5017532: Host default-host stopping
15:38:19,728 INFO [org.jboss.as.connector.deployers.jdbc] (MSC service thread 1
-3) JBA5010418: Stopped Driver service with driver-name = h2
15:38:19,743 INFO [org.wildfly.extension.undertow] (MSC service thread 1-7) JBA
5017521: Undertow HTTP listener default suspending
15:38:19,757 INFO [org.wildfly.extension.undertow] (MSC service thread 1-7) JBA
5017520: Undertow HTTP listener default stopped, was bound to /127.0.0.1:8080
15:38:19,766 INFO [org.wildfly.extension.undertow] (MSC service thread 1-4) JBA
5017506: Undertow 1.1.8.Final stopping
15:38:19,800 INFO [org.jboss.as] (MSC service thread 1-1) JBA5015950: WildFly 8
.2.1.Final "Tweek" stopped in 171ms
[root@localhost bin]#
```

Step 6

Complete



3). Installation of Infinispan

Step 1 : Download Infinispan

<http://infinispan.org/download/>

Step 2 : Install infinispan

\$ <pkg_dir>/unzip infinispan-server-7.1.1.final.bin.zip

Commented [KS1]:

```
File Edit View Search Terminal Help
[root@localhost ~]# cd .cassiopeia/Jetty_Infinispan_SCB/cookbooks/infinispan/files/default/
[root@localhost default]# ls
infinispan-server-7.1.1.Final      jdk-7u65-linux-x64.rpm
infinispan-server-7.1.1.Final.zip unzip-6.0-1.el6.x86_64.rpm
[root@localhost default]# unzip infinispan-server-7.1.1.Final.zip
Archive: infinispan-server-7.1.1.Final.zip
replace infinispan-server-7.1.1.Final/copyright.txt? [y]es, [n]o, [A]ll, [N]one,
[r]ename: 
```

Step 3 : start infinispan server

\$ service infinispan start

\$ service infinispan status

```
File Edit View Search Terminal Help
extracting: infinispan-server-7.1.1.Final/client/hotrod/java/infinispan-remote-
query-client.jar
extracting: infinispan-server-7.1.1.Final/client/hotrod/java/infinispan-query-d
sl.jar
extracting: infinispan-server-7.1.1.Final/client/hotrod/java/jboss-logging-3.1.
2.GA.jar
extracting: infinispan-server-7.1.1.Final/client/hotrod/java/infinispan-client-
hotrod.jar
extracting: infinispan-server-7.1.1.Final/client/hotrod/java/commons-pool-1.6.j
ar
extracting: infinispan-server-7.1.1.Final/client/hotrod/java/jboss-marshalling-
osgi-1.4.4.Final.jar
extracting: infinispan-server-7.1.1.Final/client/hotrod/java/protostream-3.0.0.
Final.jar
inflating: infinispan-server-7.1.1.Final/client/rest/sample_ruby_REST_client.r
b
inflating: infinispan-server-7.1.1.Final/client/rest/sample_python_REST_client
.py
inflating: infinispan-server-7.1.1.Final/README.txt
[root@localhost default]# service infinispan start
infinispan server startup
[root@localhost default]# service infinispan status
infinispan running
[root@localhost default]#
```