

JBOSS SETUP

Step1:

To install the tar or zip file:

<https://github.com/wildfly/wildfly/releases/download/28.0.1.Final/wildfly-28.0.1.Final.tar.gz>

Step2:

`tar -xvzf jboss-eap-7.4.0.zip`

Step3:

- `cd jboss-eap-7.4.0.zip`
- `cd standalone`
- `cd configuration`

```

Cumulative patch ID is: base, one-off patches include: none
06:47:53,289 INFO [org.jboss.as.server.deployment] (MSC service thread 1-2) WFLYSRV0027: Starting deployment of "pom.xml" (runtime-name: "pom.xml")
06:47:53,364 INFO [org.jboss.as.server.deployment.scanner] (MSC service thread 1-1) WFLYDS0018: Started FileSystemDeploymentService for directory /root/destination/standalone/deployments
06:47:53,520 INFO [org.jboss.as.connector.subsystems.datasources] (MSC service thread 1-1) WFLYJCA0001: Bound data source [java:jboss/datasources/ExampleDS]
06:47:53,539 INFO [org.jboss.ws.common.management] (MSC service thread 1-2) JBWS022052: Starting JBossWS 6.2.0.Final (Apache CXF 4.0.0)
06:47:54,280 INFO [org.jboss.as.server] (Controller Boot Thread) WFLYSRV0010: Deployed "pom.xml" (runtime-name: "pom.xml")
06:47:54,382 INFO [org.jboss.as.server] (Controller Boot Thread) WFLYSRV0212: Resuming server
06:47:54,393 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0060: Http management interface listening on http://172.31.3.142:9990/management
06:47:54,394 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0051: Admin console listening on http://172.31.3.142:9990
06:47:54,396 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0025: WildFly Full 28.0.1.Final (WildFly Core 20.0.2.Final) started in 9659ms - Started 346 of 569 services (319 services are lazy, passive or on-demand) - Server configuration file in use: standalone.xml
Client loop: send disconnect: Connection reset by peer

shashi.reddy@PF3DQYSE MINGW64 ~
$ ssh -i Downloads/Shashi-keypair.pem ec2-user@54.178.56.146
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard
Last login: Wed May 31 06:34:22 2023 from 152.58.93.116
[ec2-user@ip-172-31-3-142 ~]$ sudo su
[root@ip-172-31-3-142 ec2-user]# ls
wildfly-28.0.1.Final
[root@ip-172-31-3-142 ec2-user]# cd wildfly-28.0.1.Final/
[root@ip-172-31-3-142 wildfly-28.0.1.Final]# ls
standalone
[root@ip-172-31-3-142 wildfly-28.0.1.Final]# cd ..
[root@ip-172-31-3-142 ec2-user]# ls
wildfly-28.0.1.Final
[root@ip-172-31-3-142 ec2-user]# cd
[root@ip-172-31-3-142 ~]# ls
destination
[root@ip-172-31-3-142 ~]# cd destination/
[root@ip-172-31-3-142 destination]# ls
0.txt 4.txt 8.txt (cd..cd0).txt jboss-modules.jar s3 standalone
1.txt 5.txt 9.txt copyright.txt LICENSE.txt s5 welcome-content
2.txt 6.txt applicant docs modules s7
3.txt 7.txt bin domain README.txt s8
[root@ip-172-31-3-142 destination]# cd standalone/
[root@ip-172-31-3-142 standalone]# ls
configuration data deployments lib log tmp
[root@ip-172-31-3-142 standalone]# cd configuration/
[root@ip-172-31-3-142 configuration]#
```

- `vi standalone.xml`

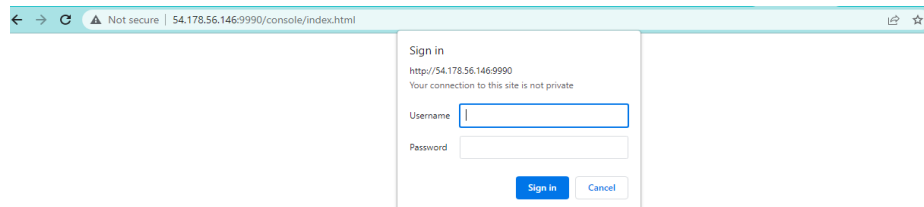
```

</subsystem>
<client-config name="Standard-Client-Config"/>
</subsystem>
<subsystem xmlns="urn:jboss:domain:weld:5.0"/>
</profile>
<interfaces>
<interface name="management">
<inet-address value="${jboss.bind.address.management:172.31.3.142}"/>
</interface>
<interface name="public">
<inet-address value="${jboss.bind.address:172.31.3.142}"/>
</interface>
</interfaces>
<socket-binding-group name="standard-sockets" default-interface="public" port-offset="${jboss.socket.binding.port-offset:0}">
<socket-binding name="ajp" port="${jboss.ajp.port:8009}"/>
<socket-binding name="http" port="${jboss.http.port:8080}"/>
<socket-binding name="https" port="${jboss.https.port:8443}"/>
<socket-binding name="management-http" interface="management" port="${jboss.management.http.port:9990}"/>
<socket-binding name="management-https" interface="management" port="${jboss.management.https.port:9993}"/>
<socket-binding name="txn-recovery-environment" port="4712"/>
<socket-binding name="txn-status-manager" port="4713"/>
<outbound-socket-binding name="mail-smtp">
<remote-destination host="${jboss.mail.server.host:localhost}" port="${jboss.mail.server.port:25}"/>
</outbound-socket-binding>

```

Step4:

- * Change 127.0.0.1 to your private ip in 3 places in above screenshot.
- * cd bin
- * add user in bin:
- * sh add-user.sh
- * Choose management user.
- * set password
- * sh standalone.sh
- * <http://ip:8080>



WildFly Application Server



Deployments

Add and manage deployments

▼ [Deploy an Application](#) | [Start](#) 🔴

Deploy an application to the server

1. Use the 'Add Deployment' wizard to deploy the application
2. Enable the deployment



Configuration

Configure subsystem settings

▼ [Create a Data source](#) | [Start](#) 🔴

Define a data source to be used by deployed applications. The proper JDBC driver must be deployed and registered.

1. Select the Data sources subsystem
2. Add a Non-XA or XA data source
3. Use the 'Create Data source' wizard to configure the data source settings



Runtime

Monitor server status

▼ [Monitor the Server](#) | [Start](#) 🔴

View runtime information such as server status, JVM status, and server log files.

1. Select the server
2. View log files or JVM usage



Access Control

Manage user and group permissions for management operations

▼ [Assign User Roles](#) | [Start](#) 🔴

Assign roles to users or groups to determine access to system resources.

1. Add a new user or group
2. Assign one or more roles to that user or group