

Instalo java con:

```
sudo apt install openjdk-11-jre-headless # version 11.0.20.1+1-0ubuntu1~22.04
```

```
administrador@UBUNTUDAW:~$ sudo apt install openjdk-11-jre-headless # version 11.0.20.1+1-0ubuntu1~22.04
[sudo] contraseña para administrador:
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Los paquetes indicados a continuación se instalaron de forma automática y ya no son necesarios.
```

Ahora compruebo que está instalado viendo la version con

```
java -version
```

```
administrador@UBUNTUDAW:~$ java -version
openjdk version "11.0.22" 2024-01-16
OpenJDK Runtime Environment (build 11.0.22+7-post-Ubuntu-0ubuntu222.04.1)
OpenJDK 64-Bit Server VM (build 11.0.22+7-post-Ubuntu-0ubuntu222.04.1, mixed mode, sharing)
```

Ahora añado un grupo y un usuario para poder gestionarlo

```
sudo groupadd -r wildfly
```

```
sudo useradd -r -g wildfly -d /opt/wildfly -s /sbin/nologin wildfly
```

```
administrador@UBUNTUDAW:~$ sudo groupadd -r wildfly
[sudo] contraseña para administrador:
administrador@UBUNTUDAW:~$ sudo useradd -r -g wildfly -d /opt/wildfly -s /sbin/nologin wildfly
administrador@UBUNTUDAW:~$
```

Ahora voy a la carpeta tmp

```
cd /tmp
```

```
administrador@UBUNTUDAW:~$ cd /tmp/
administrador@UBUNTUDAW:/tmp$
```

Ahora descargo los comandos actualizados

wget <https://download.jboss.org/wildfly/16.0.0.Final/wildfly-16.0.0.Final.tar.gz>

```

administrador@UBUNTUDAW:/tmp$ wget https://download.jboss.org/wildfly/16.0.0.Final/wildfly-16.0.0.Final.tar.gz
--2024-03-09 21:48:53-- https://download.jboss.org/wildfly/16.0.0.Final/wildfly-16.0.0.Final.tar.gz
Resolviendo download.jboss.org (download.jboss.org)... 2.17.35.105, 2.17.35.91, 2a02:26f0:980:9::60
10:56e1, ...
Conectando con download.jboss.org (download.jboss.org)[2.17.35.105]:443... conectado.
Petición HTTP enviada, esperando respuesta... 200 OK
Longitud: 180821890 (172M) [application/x-gzip]
Guardando como: 'wildfly-16.0.0.Final.tar.gz'

```

Ahora descomprimo

`tar xvf wildfly-16.0.0.Final.tar.gz`

```

administrador@UBUNTUDAW:/tmp$ tar xvf wildfly-16.0.0.Final.tar.gz
wildfly-16.0.0.Final/
wildfly-16.0.0.Final/bin/
wildfly-16.0.0.Final/bin/client/
wildfly-16.0.0.Final/standalone/
wildfly-16.0.0.Final/standalone/configuration/
wildfly-16.0.0.Final/standalone/lib/
wildfly-16.0.0.Final/standalone/lib/ext/
wildfly-16.0.0.Final/standalone/tmp/
wildfly-16.0.0.Final/standalone/tmp/auth/
wildfly-16.0.0.Final/standalone/deployments/
wildfly-16.0.0.Final/.well-known/
wildfly-16.0.0.Final/.well-known/acme-challenge/
wildfly-16.0.0.Final/appclient/
wildfly-16.0.0.Final/appclient/configuration/
wildfly-16.0.0.Final/docs/
wildfly-16.0.0.Final/docs/licenses/
wildfly-16.0.0.Final/docs/contrib/
wildfly-16.0.0.Final/docs/contrib/scripts/
wildfly-16.0.0.Final/docs/contrib/scripts/init.d/
wildfly-16.0.0.Final/docs/contrib/scripts/systemd/
wildfly-16.0.0.Final/docs/contrib/scripts/service/
wildfly-16.0.0.Final/docs/contrib/scripts/service/amd64/
wildfly-16.0.0.Final/docs/schema/
wildfly-16.0.0.Final/docs/examples/
wildfly-16.0.0.Final/docs/examples/configs/
wildfly-16.0.0.Final/installation/
wildfly-16.0.0.Final/welcome-content/
wildfly-16.0.0.Final/modules/
wildfly-16.0.0.Final/modules/system/
wildfly-16.0.0.Final/modules/system/layers/
wildfly-16.0.0.Final/modules/system/layers/base/
wildfly-16.0.0.Final/modules/system/layers/base/sun/
wildfly-16.0.0.Final/modules/system/layers/base/sun/scripting/

```

Ahora muevo la carpeta de WildFly a /opt y la nombro como wildfly

`sudo mv wildfly-16.0.0.Final/ /opt/wildfly`

```

administrador@UBUNTUDAW:/tmp$ sudo mv wildfly-16.0.0.Final/ /opt/wildfly
[sudo] contraseña para administrador:
administrador@UBUNTUDAW:/tmp$

```

Ahora cambio la propiedad de la carpeta a la cuenta de servicio

```
sudo chown -RH wildfly: /opt/wildfly
```

```
administrador@UBUNTUDAW:/tmp$ sudo chown -RH wildfly: /opt/wildfly
administrador@UBUNTUDAW:/tmp$
```

Ahora creo la carpeta en el directorio /etc

```
sudo mkdir -p /etc/wildfly
```

```
administrador@UBUNTUDAW:/tmp$ sudo mkdir -p /etc/wildfly
administrador@UBUNTUDAW:/tmp$
```

Ahora copio los archivos de configuración y ejecutables

```
sudo cp /opt/wildfly/docs/contrib/scripts/systemd/wildfly.conf /etc/wildfly/
```

```
administrador@UBUNTUDAW:/tmp$ sudo cp /opt/wildfly/docs/contrib/scripts/systemd/wildfly.conf /etc/wildfly/
administrador@UBUNTUDAW:/tmp$
```

```
sudo cp /opt/wildfly/docs/contrib/scripts/systemd/launch.sh /opt/wildfly/bin/
```

```
administrador@UBUNTUDAW:/tmp$ sudo cp /opt/wildfly/docs/contrib/scripts/systemd/launch.sh /opt/wildfly/bin/
administrador@UBUNTUDAW:/tmp$
```

Ahora hago que los scripts sean ejecutables con

```
sudo sh -c 'chmod +x /opt/wildfly/bin/*.sh'
```

```
administrador@UBUNTUDAW:/tmp$ sudo sh -c 'chmod +x /opt/wildfly/bin/*.sh'
administrador@UBUNTUDAW:/tmp$
```

Ahora copio el archivo systemd al directorio /etc/systemd/system

`sudo cp /opt/wildfly/docs/contrib/scripts/systemd/wildfly.service /etc/systemd/system/`

```
administrador@UBUNTUDAW:/tmp$ sudo cp /opt/wildfly/docs/contrib/scripts/systemd/wildfly.service /etc/systemd/system/
administrador@UBUNTUDAW:/tmp$
```

Ahora tenemos estas acciones

`sudo systemctl start wildfly.service` → Inicia el servicio

`sudo systemctl stop wildfly.service` → Detiene el servicio

`sudo systemctl enable wildfly.service` → Habilita el servicio para que se inicie automáticamente

`sudo systemctl status wildfly.service` → Comprueba el estado del servicio

```
administrador@UBUNTUDAW:/tmp$ sudo systemctl stop wildfly.service
administrador@UBUNTUDAW:/tmp$ sudo systemctl start wildfly.service
administrador@UBUNTUDAW:/tmp$ sudo systemctl enable wildfly.service
Created symlink /etc/systemd/system/multi-user.target.wants/wildfly.service → /etc/systemd/system/wildfly.service.
administrador@UBUNTUDAW:/tmp$ sudo systemctl status wildfly.service
● wildfly.service - The WildFly Application Server
   Loaded: loaded (/etc/systemd/system/wildfly.service; enabled; vendor preset: enabled)
   Active: active (running) since Sat 2024-03-09 22:19:22 CET; 16s ago
     Main PID: 6543 (launch.sh)
        Tasks: 121 (limit: 9430)
       Memory: 301.1M
          CPU: 7.507s
      CGroup: /system.slice/wildfly.service
              └─6543 /bin/bash /opt/wildfly/bin/launch.sh standalone standalone.xml 0.0.0.0
                 └─6544 /bin/sh /opt/wildfly/bin/standalone.sh -c standalone.xml -b 0.0.0.0
                    └─6634 java "-D[Standalone]" -server -Xms64m -Xmx512m -XX:MetaspaceSize=96M -XX:MaxMe>

Mar 09 22:19:22 UBUNTUDAW systemd[1]: Started The WildFly Application Server.
Mar 09 22:19:30 UBUNTUDAW systemd[1]: /etc/systemd/system/wildfly.service:11: PIDFile= references >
lines 1-14/14 (END)
```

Ahora creo una cuenta con

`sudo /opt/wildfly/bin/add-user.sh`

```
administrador@UBUNTUDAW:/tmp$ sudo /opt/wildfly/bin/add-user.sh

What type of user do you wish to add?
  a) Management User (mgmt-users.properties)
  b) Application User (application-users.properties)
(a): a
```

Elijo la a y le doy al enter

Nos pide usuario y contraseña y puse mi nombre de usuario danielidl y de contraseña tareaWF

```
administrador@UBUNTUDAW:/tmp$ sudo /opt/wildfly/bin/add-user.sh

What type of user do you wish to add?
  a) Management User (mgmt-users.properties)
  b) Application User (application-users.properties)
(a): a

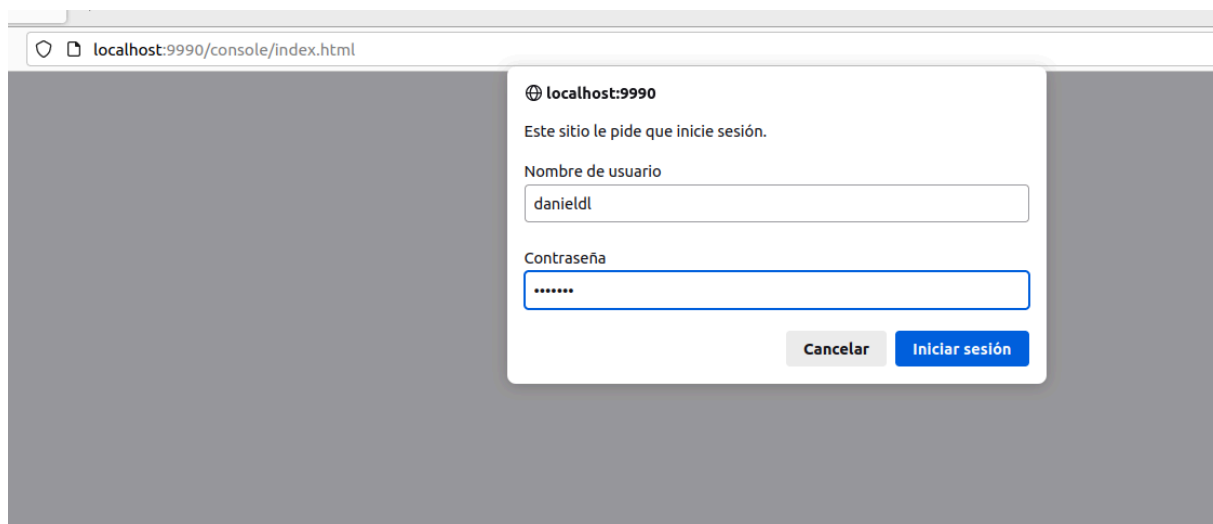
Enter the details of the new user to add.
Using realm 'ManagementRealm' as discovered from the existing property files.
Username : danielidl
Password recommendations are listed below. To modify these restrictions edit the add-user.properties configuration file.
- The password should be different from the username
- The password should not be one of the following restricted values {root, admin, administrator}
- The password should contain at least 8 characters, 1 alphabetic character(s), 1 digit(s), 1 non-alphanumeric symbol(s)
Password :
WFLYDM0099: Password should have at least 8 characters!
Are you sure you want to use the password entered yes/no? y
Re-enter Password :
What groups do you want this user to belong to? (Please enter a comma separated list, or leave blank for none)[ ]:
About to add user 'danielidl' for realm 'ManagementRealm'
Is this correct yes/no? y
Added user 'danielidl' to file '/opt/wildfly/standalone/configuration/mgmt-users.properties'
Added user 'danielidl' to file '/opt/wildfly/domain/configuration/mgmt-users.properties'
Added user 'danielidl' with groups to file '/opt/wildfly/standalone/configuration/mgmt-groups.properties'
Added user 'danielidl' with groups to file '/opt/wildfly/domain/configuration/mgmt-groups.properties'
Is this new user going to be used for one AS process to connect to another AS process?
e.g. for a slave host controller connecting to the master or for a Remoting connection for server to server EJB calls.
yes/no?
* Error *
WFLYDM0029: Invalid response. (Valid responses are yes, y, no and n)

Is this new user going to be used for one AS process to connect to another AS process?
e.g. for a slave host controller connecting to the master or for a Remoting connection for server to server EJB calls.
yes/no? y
To represent the user add the following to the server-identities definition <secret value="dGFyZWFXRg==" />
administrador@UBUNTUDAW:/tmp$
```

Ahora voy al localhost con el puerto 8080



Me logueo



Luego añado el sample.war

WildFly

HomepageDeploymentsConfigurationRuntimePatchingAccess Control

Deployment (1)

Filter by: name or deployment status

sample.war

View

sample.war

The deployment **sample.war** is enabled and active. [Disable](#)

Main Attributes

Name:	sample.war
Runtime Name:	sample.war
Context Root:	/sample
Enabled, Managed, Exploded:	✓ ✓ ✕
Status:	OK
Last enabled at:	3/9/24, 10:29 PM
Last disabled at:	n/a

Y ya estaría.