

Practica WildFly

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Instalar y Configurar WildFly

1. Crear una cuenta para WildFly

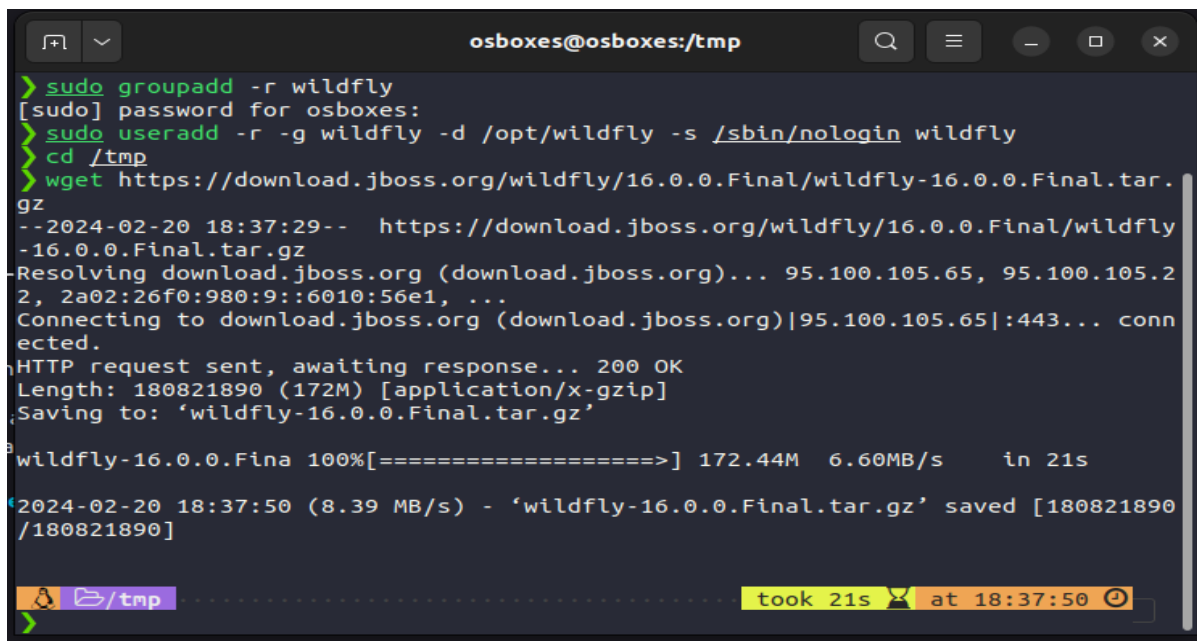
```
sudo groupadd -r wildfly
```

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

2. Descargamos la ultima version

```
cd /tmp
```

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



```
osboxes@osboxes:/tmp
> sudo groupadd -r wildfly
[sudo] password for osboxes:
> sudo useradd -r -g wildfly -d /opt/wildfly -s /sbin/nologin wildfly
> cd /tmp
> wget https://download.jboss.org/wildfly/16.0.0.Final/wildfly-16.0.0.Final.tar.gz
--2024-02-20 18:37:29-- https://download.jboss.org/wildfly/16.0.0.Final/wildfly-16.0.0.Final.tar.gz
Resolving download.jboss.org (download.jboss.org)... 95.100.105.65, 95.100.105.22, 2a02:26f0:980:9::6010:56e1, ...
Connecting to download.jboss.org (download.jboss.org)|95.100.105.65|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 180821890 (172M) [application/x-gzip]
Saving to: 'wildfly-16.0.0.Final.tar.gz'

wildfly-16.0.0.Final 100%[=====] 172.44M  6.60MB/s   in 21s

2024-02-20 18:37:50 (8.39 MB/s) - 'wildfly-16.0.0.Final.tar.gz' saved [180821890/180821890]
```

3. Crear la carpeta WildFly en el directorio /opt y cambiar su propiedad a la cuenta de servicio de WildFly:

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

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

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

```
osboxes@osboxes:/tmp
jackson-datatype-jsr310/main/jackson-datatype-jsr310-2.9.8.jar
wildfly-16.0.0.Final/modules/system/layers/base/com/fasterxml/jackson/jaxrs/jackson-jaxrs-json-provider/main/jackson-module-jaxb-annotations-2.9.8.jar
wildfly-16.0.0.Final/modules/system/layers/base/com/fasterxml/jackson/jaxrs/jackson-jaxrs-json-provider/main/jackson-jaxrs-json-provider-2.9.8.jar
wildfly-16.0.0.Final/modules/system/layers/base/com/fasterxml/jackson/jaxrs/jackson-jaxrs-json-provider/main/module.xml
wildfly-16.0.0.Final/modules/system/layers/base/com/fasterxml/jackson/jaxrs/jackson-jaxrs-json-provider/main/jackson-jaxrs-base-2.9.8.jar
wildfly-16.0.0.Final/domain/configuration/application-roles.properties
wildfly-16.0.0.Final/domain/configuration/domain.xml
wildfly-16.0.0.Final/domain/configuration/logging.properties
wildfly-16.0.0.Final/domain/configuration/host.xml
wildfly-16.0.0.Final/domain/configuration/mgmt-groups.properties
wildfly-16.0.0.Final/domain/configuration/default-server-logging.properties
wildfly-16.0.0.Final/domain/configuration/host-slave.xml
wildfly-16.0.0.Final/domain/configuration/host-master.xml
wildfly-16.0.0.Final/domain/configuration/application-users.properties
wildfly-16.0.0.Final/domain/configuration/mgmt-users.properties
> sudo mv wildfly-16.0.0.Final/ /opt/wildfly
> sudo chown -RH wildfly: /opt/wildfly
at 18:42:35
```

4. Crear la carpeta de WildFly en el directorio /etc/:

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

5. Copiar los archivos de configuración y los ejecutables en la carpeta:

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

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

```
wildfly-16.0.0.Final/domain/configuration/mgmt-users.properties
> sudo mv wildfly-16.0.0.Final/ /opt/wildfly
> sudo chown -RH wildfly: /opt/wildfly
> sudo mkdir -p /etc/wildfly
> sudo cp
cp: missing file operand
Try 'cp --help' for more information.
> sudo cp /opt/wildfly/docs/contrib/scripts/systemd/wildfly.conf /etc/wildfly/
> sudo cp /opt/wildfly/docs/contrib/scripts/systemd/launch.sh /opt/wildfly/bin/
at 18:47:38
```

6. Hacer los scripts ejecutables:

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

7. Copiar el archivo systemd al directorio /etc/systemd/system.

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

Creacion de usuario

1. Crear una cuenta

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

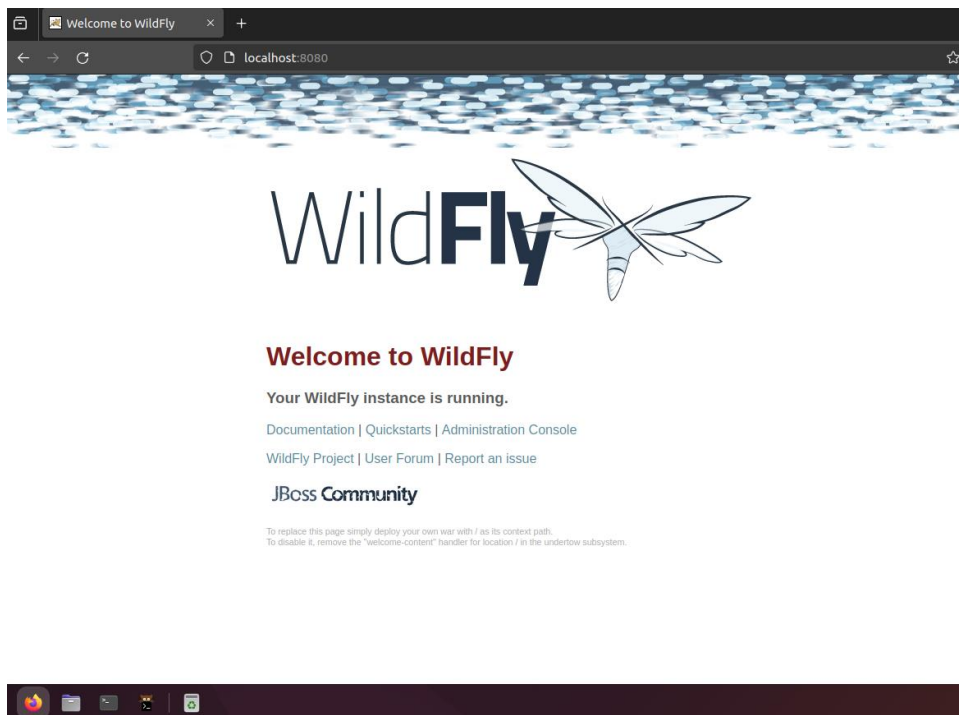
Le daremos a la opcion A y luego pondremos usuario

```
> 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

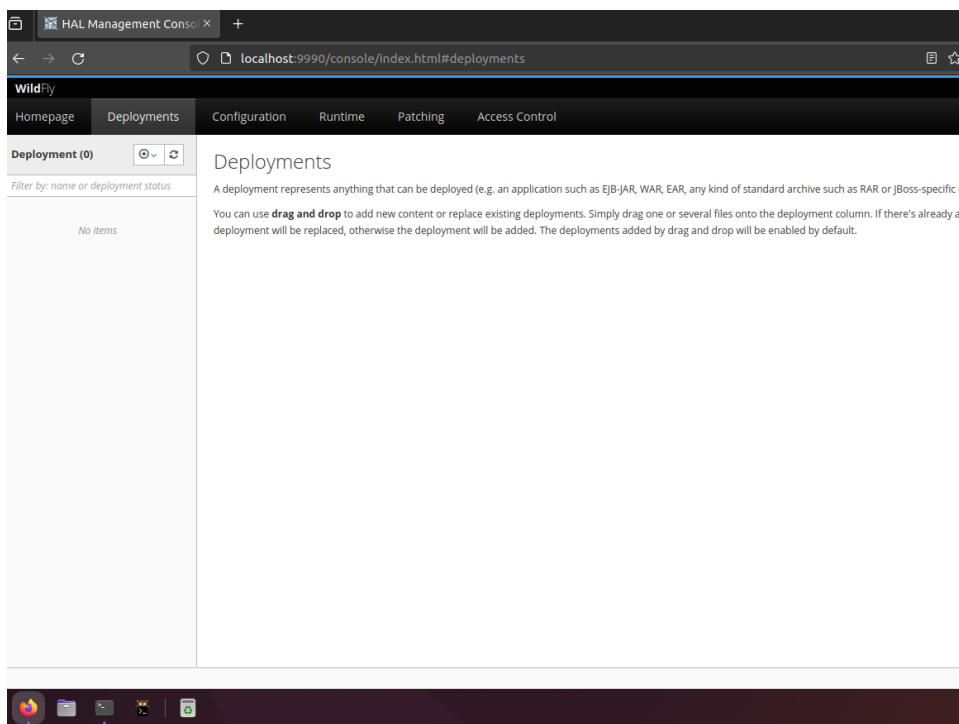
Enter the details of the new user to add.
Using realm 'ManagementRealm' as discovered from the existing property files.
Username : jairoms
Password recommendations are listed below. To modify these restrictions edit the
add-user.properties configuration file.
- The password should be different from the 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 :
WFLYDM0098: The password should be different from the username
Are you sure you want to use the password entered yes/no? yes
Re-enter Password :
What groups do you want this user to belong to? (Please enter a comma separated
```

Desplegar una aplicacion

1. Acceder al localhost



2. Acceder a despliegamento y ahi la despregamos



3. Acceder a lo que despregamos

