

Tarea WildFly Alberto Basoa Leal

INSTALAR JDK SI NO ESTA YA!!

Lo primero es crearle grupo y usuarios dedicados

```
administrador@UBUNTUDAW: ~  
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 desde la carpeta /tmp descargo el wildfly (la 16.0.0.Final en este caso)

```
administrador@UBUNTUDAW:~$ cd /tmp  
administrador@UBUNTUDAW:/tmp$ wget https://download.jboss.org/wildfly/16.0.0.Final/wildfly-16.0.0.Final.tar.gz  
--2024-03-11 00:41:49-- https://download.jboss.org/wildfly/16.0.0.Final/wildfly-16.0.0.Final.tar.gz  
Resolviendo download.jboss.org (download.jboss.org)... 96.16.88.11, 96.16.88.38, 2a02:26f0:980:9::6010:56e1, ...  
Conectando con download.jboss.org (download.jboss.org)[96.16.88.11]:443... conectado.  
Petición HTTP enviada, esperando respuesta... 200 OK  
Longitud: 180821890 (172M) [application/x-gzip]  
Guardando como: 'wildfly-16.0.0.Final.tar.gz'  
  
wildfly-16.0.0.Final.tar 100%[=====] 172,44M 64,6MB/s en 2,7s  
2024-03-11 00:41:52 (64,6 MB/s) - 'wildfly-16.0.0.Final.tar.gz' guardado [180821890/180821890]
```

Ahora descomprimo (tar xvf wildfly-10.0.0.Final.tar.gz)

Creo la carpeta wildfly en /opt y meto lo descomprimido ahi y despues le cambio el propietario

```
Actividades Terminal 11 de Mar 01:35  
administrador@UBUNTUDAW: /tmp  
administrador@UBUNTUDAW:/tmp$ sudo mv wildfly-16.0.0.Final/ /opt/wildfly  
[sudo] contraseña para administrador:  
administrador@UBUNTUDAW:/tmp$ sudo chown -RH wildfly: /opt/wildfly  
administrador@UBUNTUDAW:/tmp$
```

Creo la carpeta para el servicio y copio el archivo .conf y el script ejecutable

```
Actividades Terminal 11 de Mar 01:40  
administrador@UBUNTUDAW: /tmp  
administrador@UBUNTUDAW:/tmp$ sudo mkdir -p /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/
```

Añado permisos de ejecucion a los scripts (*.sh) y muevo el wildfly.service a /etc/systemd/system

```
administrador@UBUNTUDAW: /tmp  
administrador@UBUNTUDAW:/tmp$ sudo sh -c 'chmod +x /opt/wildfly/bin/*.sh'  
administrador@UBUNTUDAW:/tmp$ sudo cp /opt/wildfly/docs/contrib/scripts/systemd/wildfly.service /etc/systemd/system/
```

Paro, arrancho y habilito el servicio de wildfly

```
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$
```

status para ver que funciona

```
administrador@UBUNTUDAW:/tmp$ sudo systemctl status wildfly
● wildfly.service - The WildFly Application Server
   Loaded: loaded (/etc/systemd/system/wildfly.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2024-03-11 02:20:28 CET; 3s ago
     Main PID: 6543 (launch.sh)
        Tasks: 27 (limit: 9430)
      Memory: 108.8M
         CPU: 6.277s
       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
                    └─6638 java "-D[Standalone]" -server -Xms64m -Xmx512m -XX:MetaspaceSize=96M -XX:Max>

Mar 11 02:20:28 UBUNTUDAW systemd[1]: Started The WildFly Application Server.
lines 1-13/13 (END)
```

Creo usuario y le doy una contraseña

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

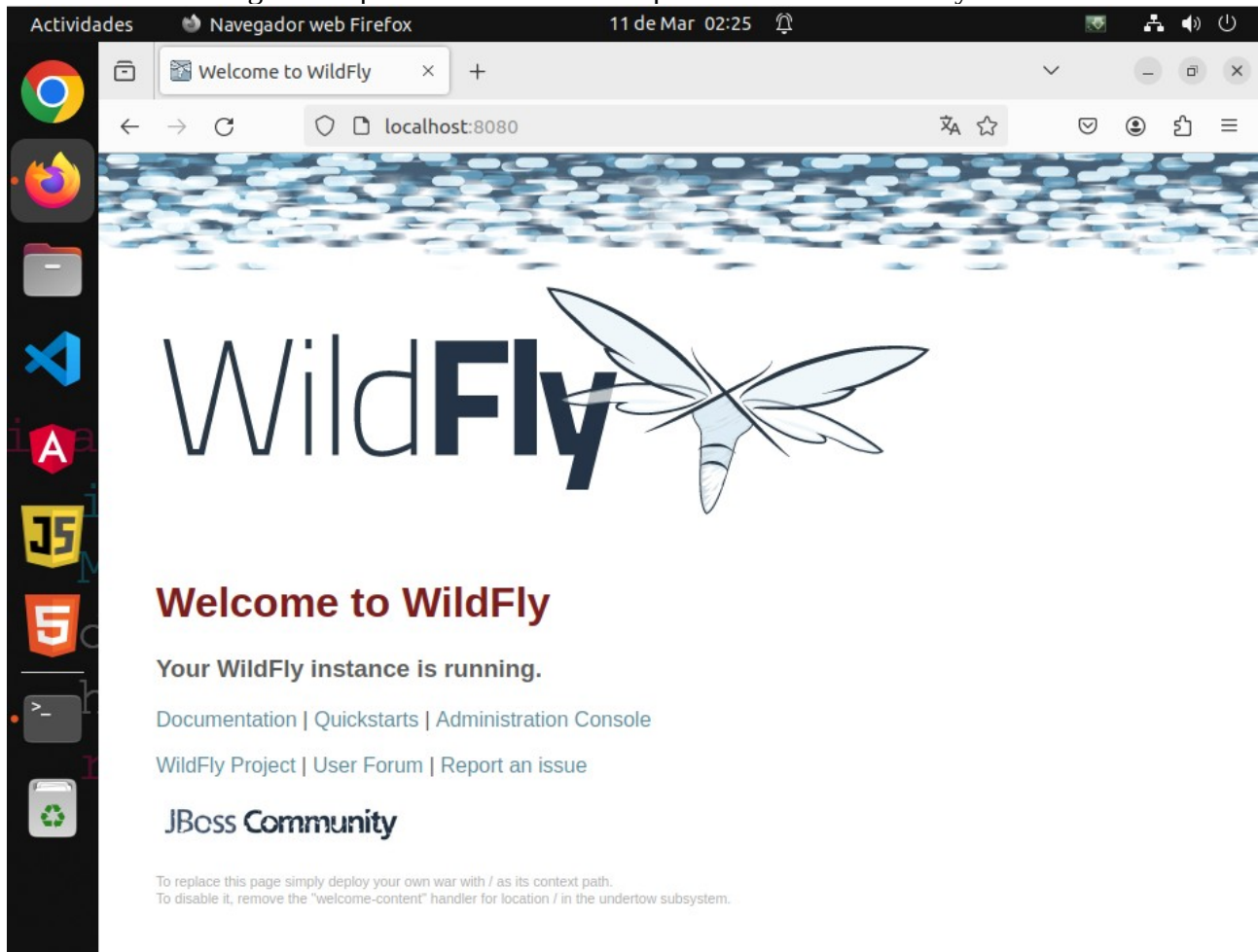
What type of user do you wish to add?
  a) Management User (mgmt-users.properties)
  b) Application User (application-users.properties)
(a): a

Enter the details of the new user to add.
Using realm 'ManagementRealm' as discovered from the existing property files.
Username : alberto
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 :
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 'alberto' for realm 'ManagementRealm'
Is this correct yes/no?

* Error *
WFLYDM0029: Invalid response. (Valid responses are yes, y, no and n)

About to add user 'alberto' for realm 'ManagementRealm'
Is this correct yes/no? yes
Added user 'alberto' to file '/opt/wildfly/standalone/configuration/mgmt-users.properties'
Added user 'alberto' to file '/opt/wildfly/domain/configuration/mgmt-users.properties'
Added user 'alberto' with groups to file '/opt/wildfly/standalone/configuration/mgmt-groups.properties'
Added user 'alberto' 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? no
```

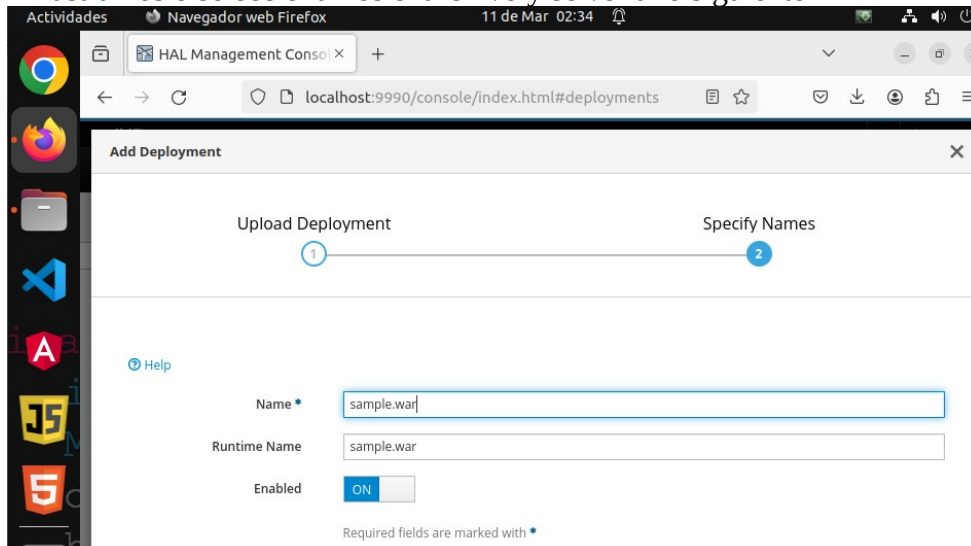
Ahora si en el navegador se pone localhost:8080 se puede acceder al WildFly



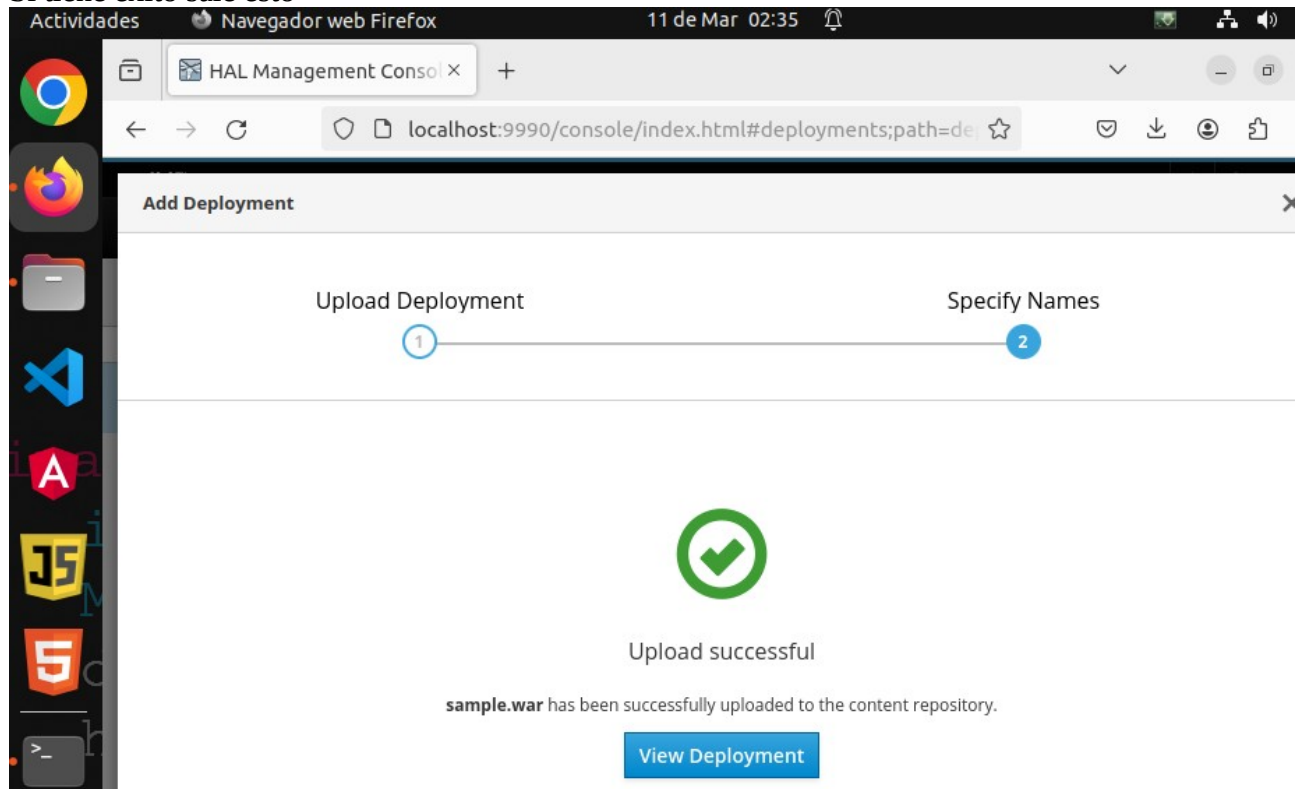
Aparte de poder desplegar archivos .war puedes configurarlo para crear controles de acceso (según usuarios específicos, grupos o roles) y cuenta con una herramienta para aplicar parches a tu WildFly

Ahora despliego el archivo sample.war (de la tarea de tomcat), desde la Administration Console en deployments

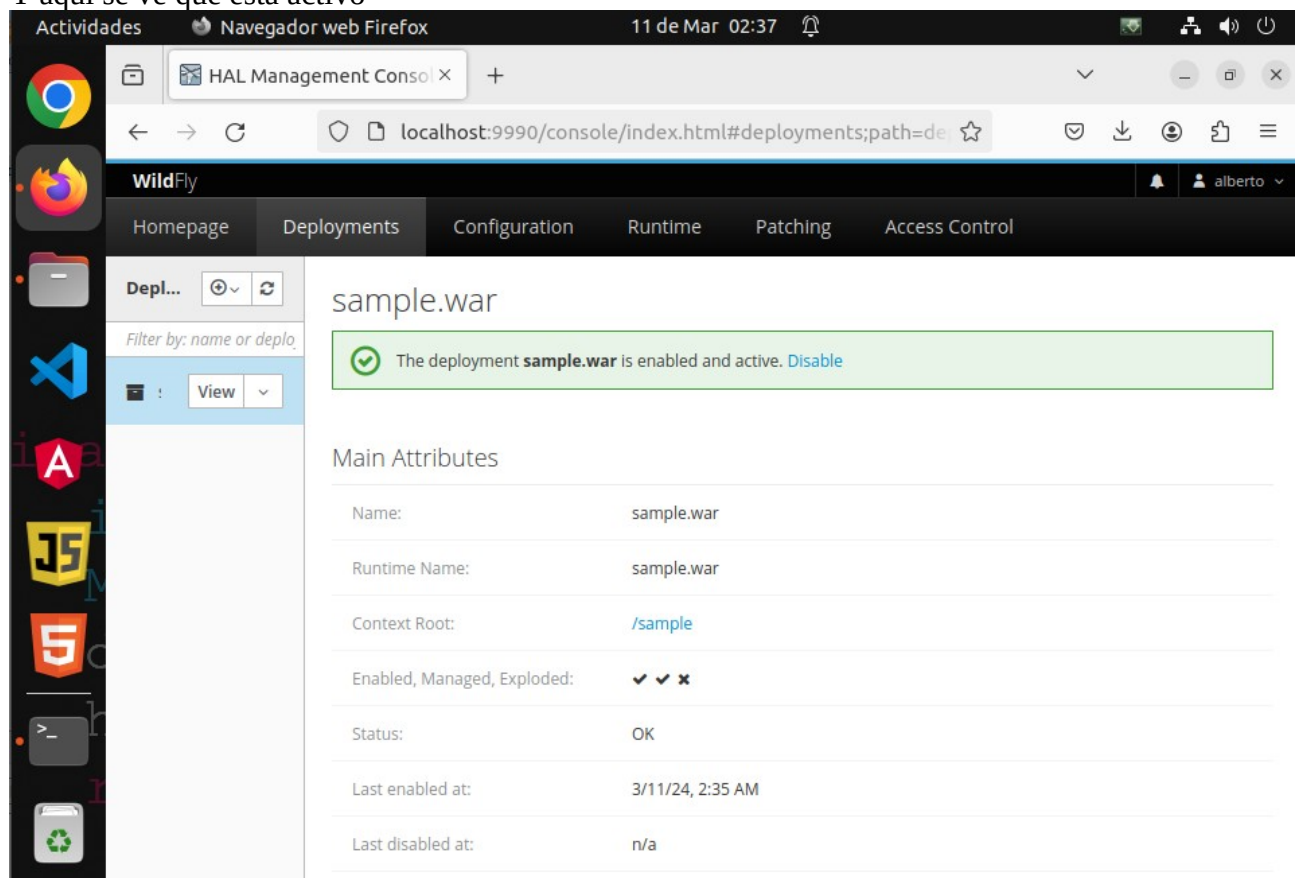
Arrastramos o seleccionamos el archivo y se vería lo siguiente



Si tiene éxito sale esto



Y aquí se ve que esta activo



Aquí se ve en el navegador (recuerdo que se ve lo de tomcat por que el sample.war lo saque de esa tarea)

