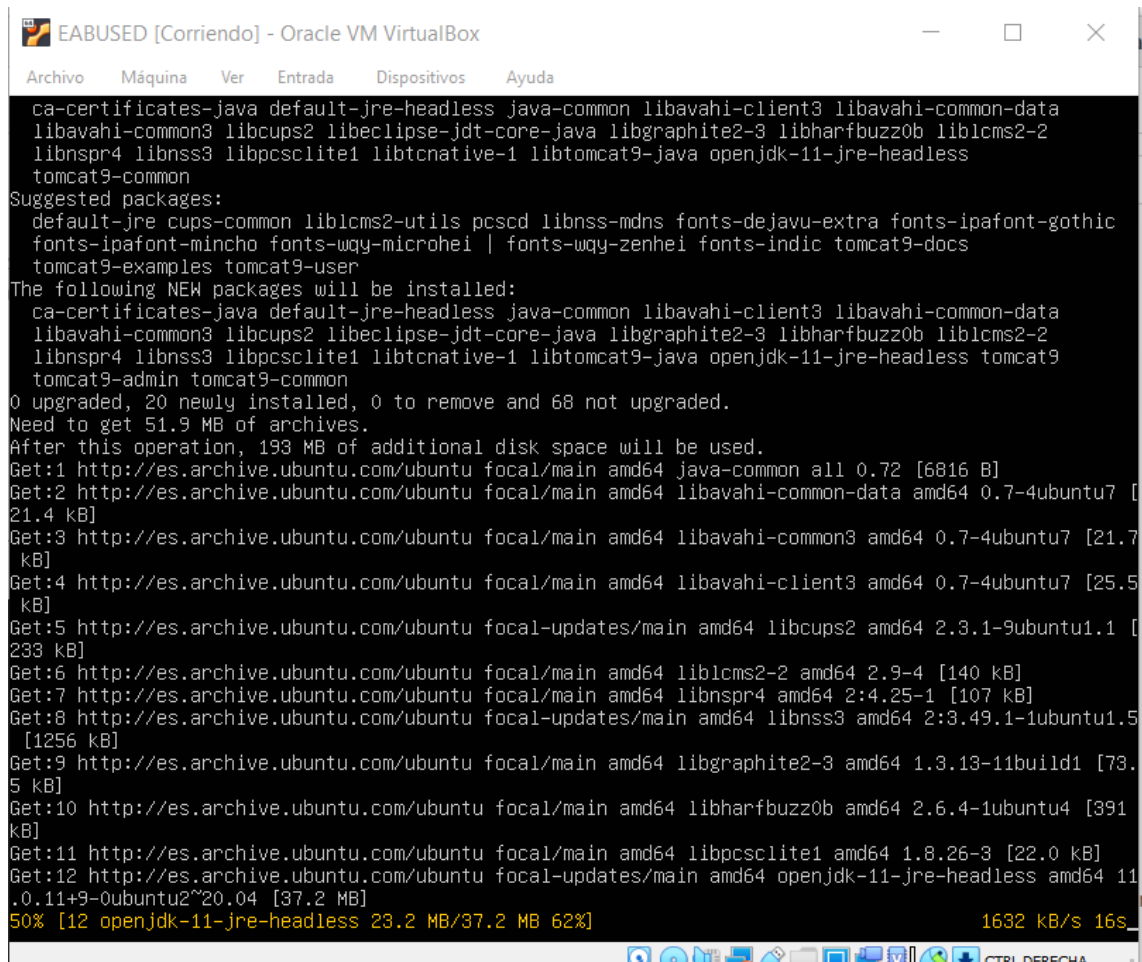


TOMCAT DESDE SERVIDOR Y DESDE CLIENTE

TOMCAT UBUNTU

Desde el root, ejecutamos el siguiente comando:

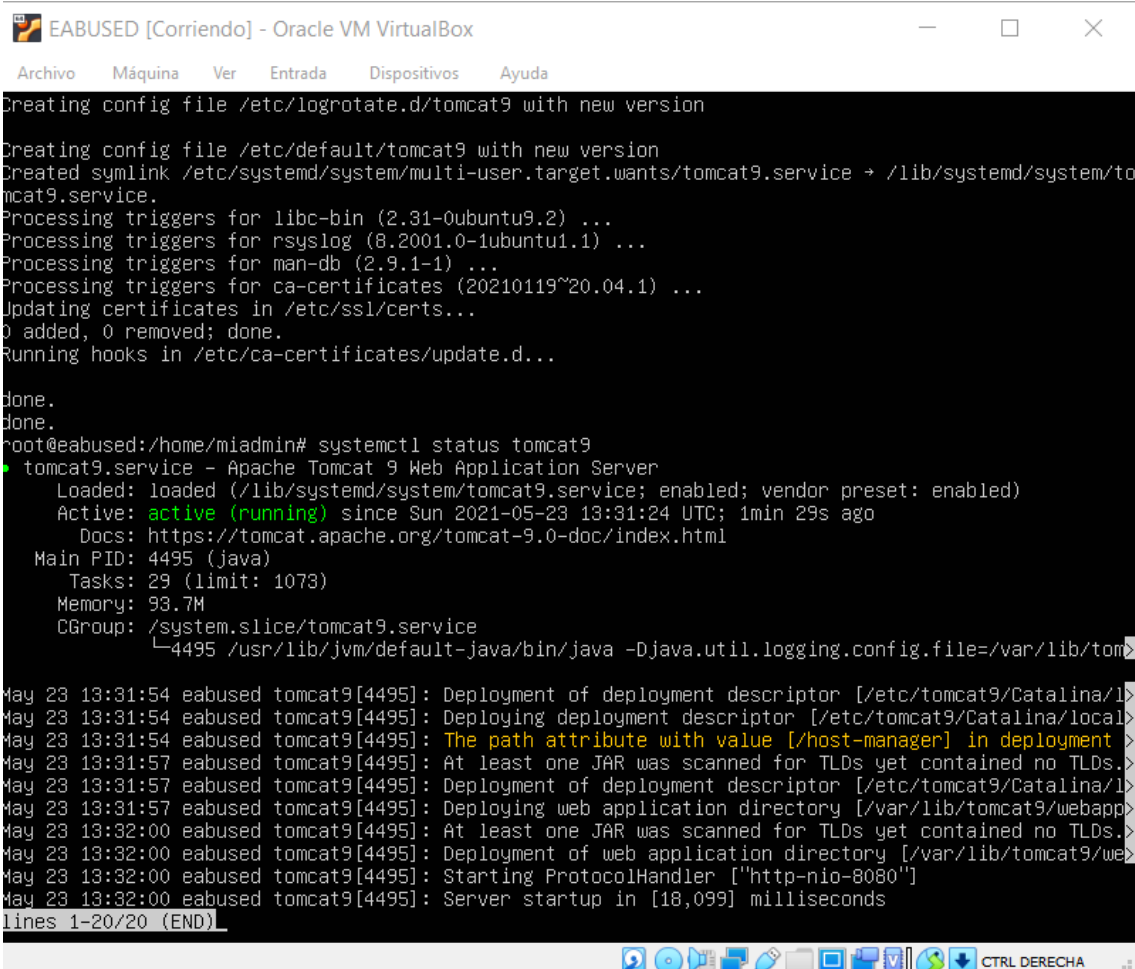
apt install -y tomcat9 tomcat9-admin



```
ca-certificates-java default-jre-headless java-common libavahi-client3 libavahi-common-data
libavahi-common3 libcups2 libecclipse-jdt-core-java libgraphite2-3 libharfbuzz0b liblcms2-2
libnspr4 libnss3 libpcsc-lite1 libtncnative-1 libtomcat9-java openjdk-11-jre-headless
tomcat9-common
Suggested packages:
default-jre cups-common liblcms2-utils pscd libnss-mdns fonts-dejavu-extra fonts-ipafont-gothic
fonts-ipafont-mincho fonts-wqy-microhei | fonts-wqy-zenhei fonts-indic tomcat9-docs
tomcat9-examples tomcat9-user
The following NEW packages will be installed:
ca-certificates-java default-jre-headless java-common libavahi-client3 libavahi-common-data
libavahi-common3 libcups2 libecclipse-jdt-core-java libgraphite2-3 libharfbuzz0b liblcms2-2
libnspr4 libnss3 libpcsc-lite1 libtncnative-1 libtomcat9-java openjdk-11-jre-headless tomcat9
tomcat9-admin tomcat9-common
0 upgraded, 20 newly installed, 0 to remove and 68 not upgraded.
Need to get 51.9 MB of archives.
After this operation, 193 MB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu focal/main amd64 java-common all 0.72 [6816 B]
Get:2 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libavahi-common-data amd64 0.7-4ubuntu7 [
21.4 kB]
Get:3 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libavahi-common3 amd64 0.7-4ubuntu7 [21.7
kB]
Get:4 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libavahi-client3 amd64 0.7-4ubuntu7 [25.5
kB]
Get:5 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libcups2 amd64 2.3.1-9ubuntu1.1 [
233 kB]
Get:6 http://es.archive.ubuntu.com/ubuntu focal/main amd64 liblcms2-2 amd64 2.9-4 [140 kB]
Get:7 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libnspr4 amd64 2:4.25-1 [107 kB]
Get:8 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libnss3 amd64 2:3.49.1-1ubuntu1.5
[1256 kB]
Get:9 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libgraphite2-3 amd64 1.3.13-11build1 [73.
5 kB]
Get:10 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libharfbuzz0b amd64 2.6.4-1ubuntu4 [391
kB]
Get:11 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libpcsc-lite1 amd64 1.8.26-3 [22.0 kB]
Get:12 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 openjdk-11-jre-headless amd64 11
.0.11+9-0ubuntu2~20.04 [37.2 MB]
50% [12 openjdk-11-jre-headless 23.2 MB/37.2 MB 62%] 1632 kB/s 16s
```

Para comprobar que esta activo, ejecutamos el siguiente comando:

systemctl status tomcat9

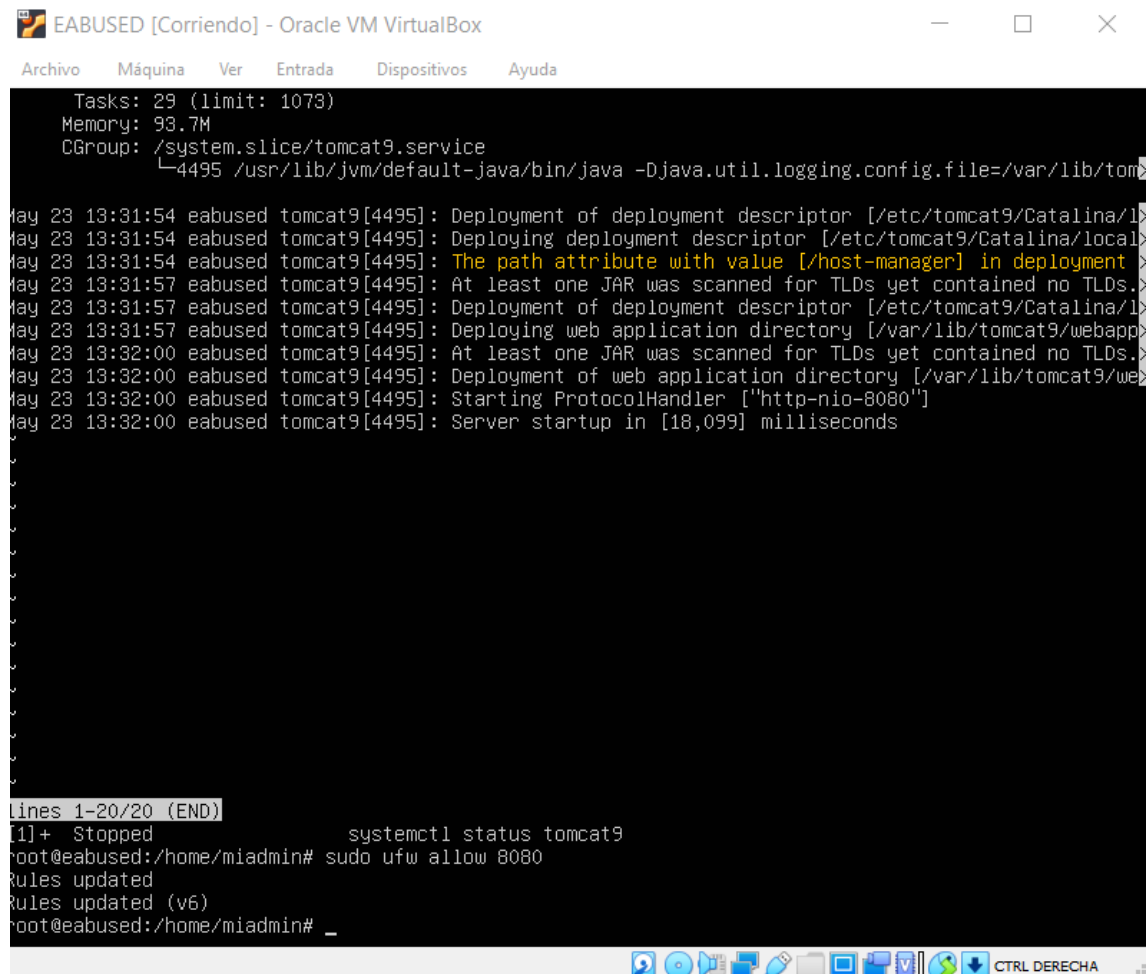


```
EABUSED [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

Creating config file /etc/logrotate.d/tomcat9 with new version
Creating config file /etc/default/tomcat9 with new version
Created symlink /etc/systemd/system/multi-user.target.wants/tomcat9.service → /lib/systemd/system/tomcat9.service.
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
Processing triggers for rsyslog (8.2001.0-1ubuntu1.1) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for ca-certificates (20210119~20.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
done.
root@eabused:/home/miadmin# systemctl status tomcat9
● tomcat9.service - Apache Tomcat 9 Web Application Server
   Loaded: loaded (/lib/systemd/system/tomcat9.service; enabled; vendor preset: enabled)
   Active: active (running) since Sun 2021-05-23 13:31:24 UTC; 1min 29s ago
     Docs: https://tomcat.apache.org/tomcat-9.0-doc/index.html
   Main PID: 4495 (java)
    Tasks: 29 (limit: 1073)
   Memory: 93.7M
   CGroup: /system.slice/tomcat9.service
           └─4495 /usr/lib/jvm/default-java/bin/java -Djava.util.logging.config.file=/var/lib/tomcat9/webapp/WEB-INF/logging.properties

May 23 13:31:54 eabused tomcat9[4495]: Deployment of deployment descriptor [/etc/tomcat9/Catalina/localhost/localhost.xml] complete
May 23 13:31:54 eabused tomcat9[4495]: Deploying deployment descriptor [/etc/tomcat9/Catalina/localhost/localhost.xml]
May 23 13:31:54 eabused tomcat9[4495]: The path attribute with value [/host-manager] in deployment descriptor is not a valid path
May 23 13:31:57 eabused tomcat9[4495]: At least one JAR was scanned for TLDs yet contained no TLDs.
May 23 13:31:57 eabused tomcat9[4495]: Deployment of deployment descriptor [/etc/tomcat9/Catalina/localhost/localhost.xml] complete
May 23 13:31:57 eabused tomcat9[4495]: Deploying web application directory [/var/lib/tomcat9/webapps/localhost/]
May 23 13:32:00 eabused tomcat9[4495]: At least one JAR was scanned for TLDs yet contained no TLDs.
May 23 13:32:00 eabused tomcat9[4495]: Deployment of web application directory [/var/lib/tomcat9/webapps/localhost/] complete
May 23 13:32:00 eabused tomcat9[4495]: Starting ProtocolHandler ["http-nio-8080"]
May 23 13:32:00 eabused tomcat9[4495]: Server startup in [18,099] milliseconds
lines 1-20/20 (END)
```

A continuación abrimos el puerto 80 del cortafuegos “sudo ufw allow 8080

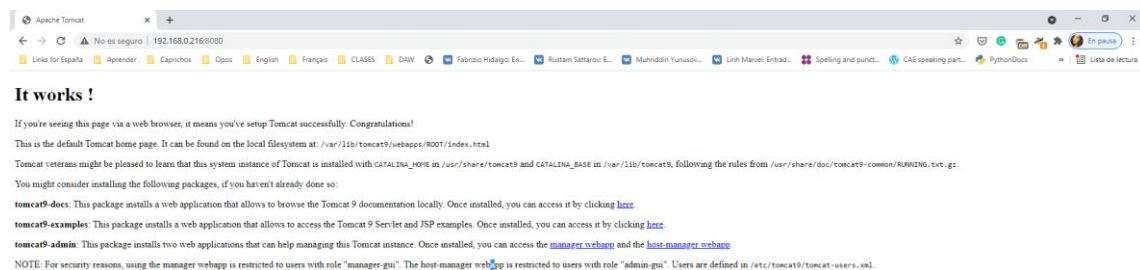


```
EABUSED [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

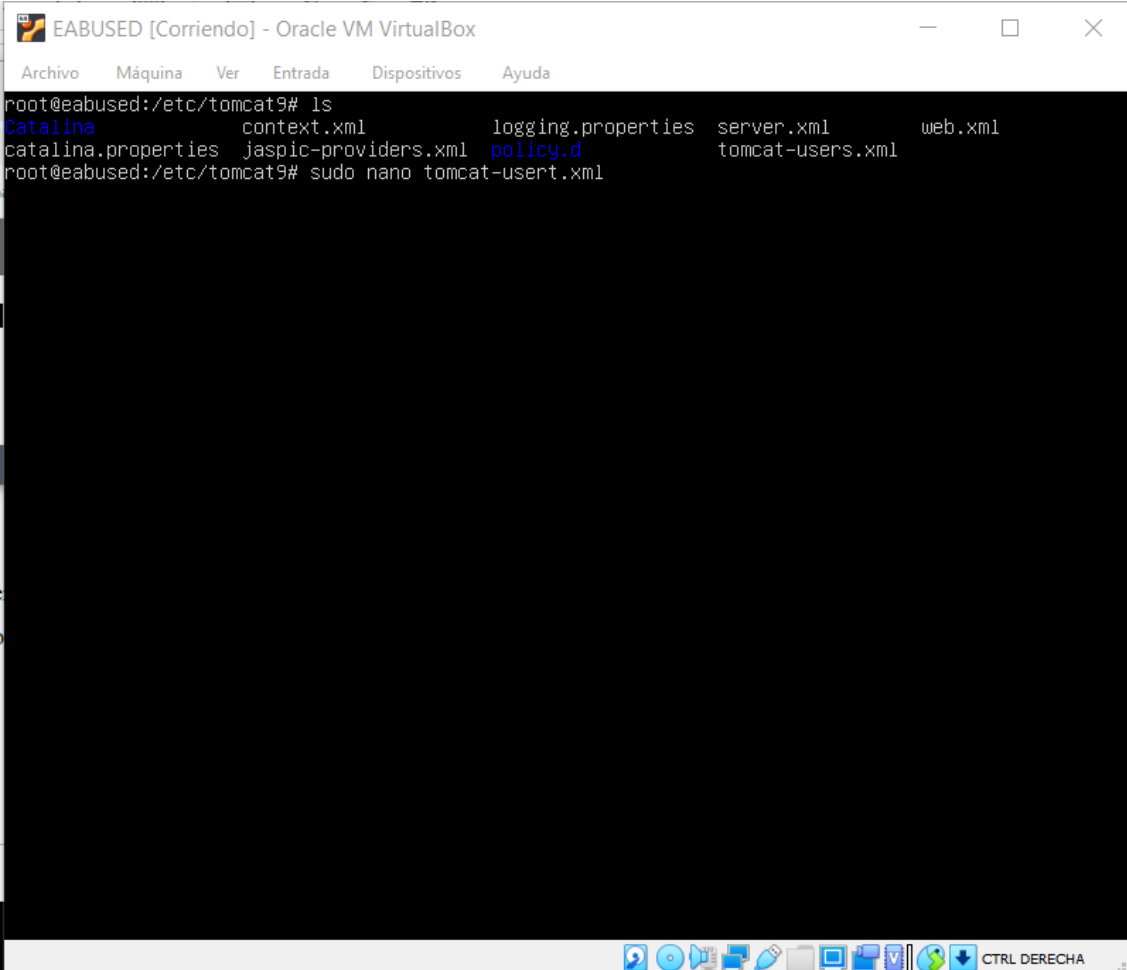
Tasks: 29 (limit: 1073)
Memory: 93.7M
CGroup: /system.slice/tomcat9.service
└─4495 /usr/lib/jvm/default-java/bin/java -Djava.util.logging.config.file=/var/lib/tomcat9/conf/logging.properties
May 23 13:31:54 eabused tomcat9[4495]: Deployment of deployment descriptor [/etc/tomcat9/Catalina/localhost/localhost.xml]
May 23 13:31:54 eabused tomcat9[4495]: Deploying deployment descriptor [/etc/tomcat9/Catalina/localhost/localhost.xml]
May 23 13:31:54 eabused tomcat9[4495]: The path attribute with value [/host-manager] in deployment descriptor is not a valid path
May 23 13:31:57 eabused tomcat9[4495]: At least one JAR was scanned for TLDs yet contained no TLDs.
May 23 13:31:57 eabused tomcat9[4495]: Deployment of deployment descriptor [/etc/tomcat9/Catalina/localhost/localhost.xml]
May 23 13:31:57 eabused tomcat9[4495]: Deploying web application directory [/var/lib/tomcat9/webapps/localhost/]
May 23 13:32:00 eabused tomcat9[4495]: At least one JAR was scanned for TLDs yet contained no TLDs.
May 23 13:32:00 eabused tomcat9[4495]: Deployment of web application directory [/var/lib/tomcat9/webapps/localhost/]
May 23 13:32:00 eabused tomcat9[4495]: Starting ProtocolHandler ["http-nio-8080"]
May 23 13:32:00 eabused tomcat9[4495]: Server startup in [18,099] milliseconds

lines 1-20/20 (END)
[1]+  Stopped                  systemctl status tomcat9
root@eabused:/home/miadmin# sudo ufw allow 8080
Rules updated
Rules updated (v6)
root@eabused:/home/miadmin# _
```

Hacemos la comprobación desde el cliente:, escribiendo en el navegador la ip- En este caso,
192.168.0.216:8080



Volvemos al servidor, y nos situamos en el directorio tomcat9, para acceder al fichero tomcat-users.xml



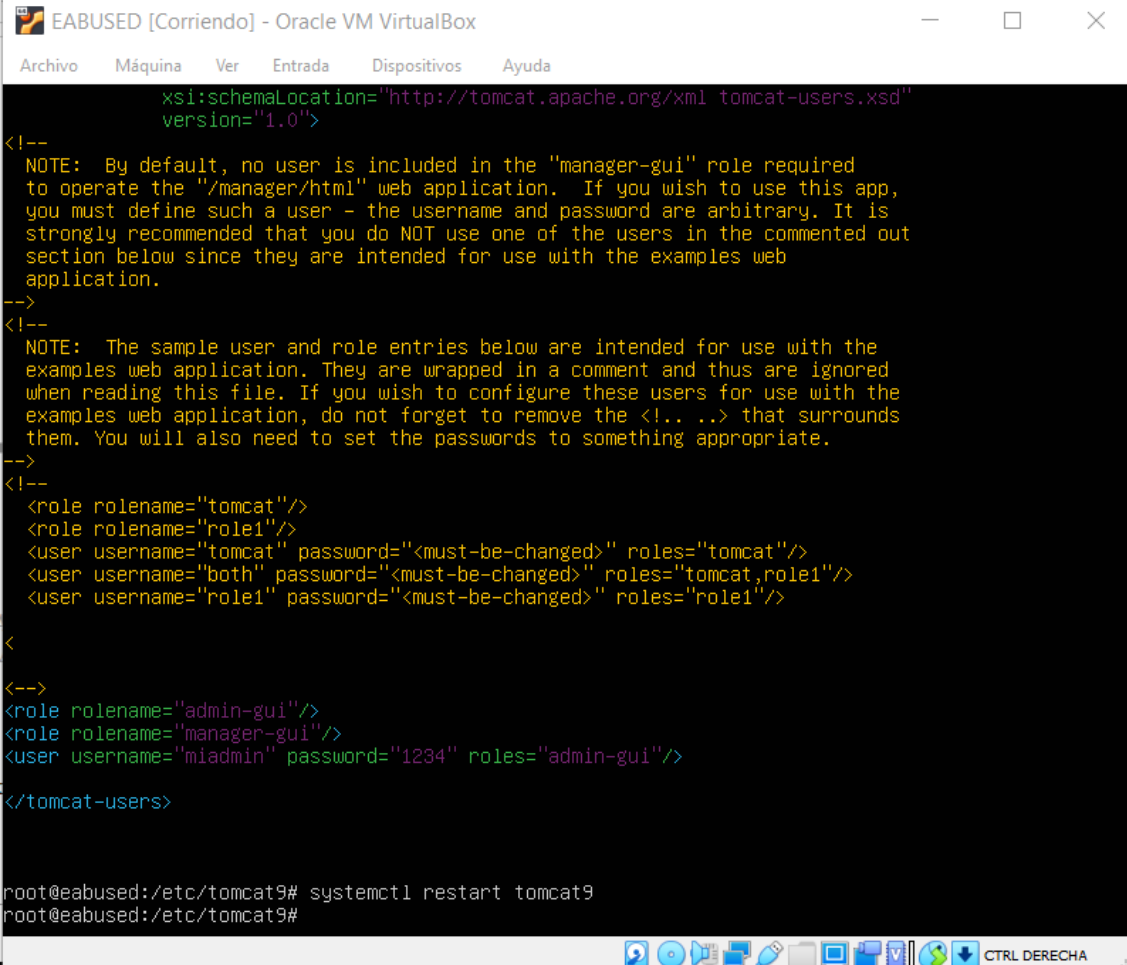
```
EABUSED [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
root@eabused:/etc/tomcat9# ls
Catalina      context.xml      logging.properties  server.xml      web.xml
catalina.properties  jaspic-providers.xml  policy.d             tomcat-users.xml
root@eabused:/etc/tomcat9# sudo nano tomcat-userst.xml
```

Añadimos las siguientes líneas:

```
<role rolename="admin-gui"/>
```

```
<role rolename="manager-gui"/>
```

```
<user username="miadmin" password="1234" roles="admin-gui"/>
```



```
EABUSED [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

xsi:schemaLocation="http://tomcat.apache.org/xml tomcat-users.xsd"
version="1.0">
<!--
NOTE: By default, no user is included in the "manager-gui" role required
to operate the "/manager/html" web application.  If you wish to use this app,
you must define such a user - the username and password are arbitrary.  It is
strongly recommended that you do NOT use one of the users in the commented out
section below since they are intended for use with the examples web
application.
-->
<!--
NOTE: The sample user and role entries below are intended for use with the
examples web application.  They are wrapped in a comment and thus are ignored
when reading this file.  If you wish to configure these users for use with the
examples web application, do not forget to remove the <!-- ... --> that surrounds
them.  You will also need to set the passwords to something appropriate.
-->
<!--
<role rolename="tomcat"/>
<role rolename="role1"/>
<user username="tomcat" password="<must-be-changed>" roles="tomcat"/>
<user username="both" password="<must-be-changed>" roles="tomcat,role1"/>
<user username="role1" password="<must-be-changed>" roles="role1"/>
<
<-->
<role rolename="admin-gui"/>
<role rolename="manager-gui"/>
<user username="miadmin" password="1234" roles="admin-gui"/>
</tomcat-users>

root@eabused:/etc/tomcat9# systemctl restart tomcat9
root@eabused:/etc/tomcat9#
```

Después restablecemos el servicio con el comando: `systemctl restart tomcat9`

Volvemos al navegador, escribimos el usuario y la contraseña que añadimos en el fichero users, y ya tendríamos acceso a la interfaz de apache Tomcat.

host-manager

192.168.0.216:8080/host-manager/html

En pausa

Links for España

Aprender

Caprichos

Opos

English

Français

CLASES

DAW

Fabrizio Hidalgo: En...

Rustam Sattarov: E...

Muhammad Yunusov...



Linth Marvel: Entra...

Spelling and punct...

CAE speaking part...

PythonDocs

Lista de lectura



Gestor de Máquina Virtual de Tomcat

Mensaje:

OK

Gestor de Máquina

[Lista de Máquinas Virtuales](#)

[Ayuda de Gestor de Máquina HTML \(En brevel\)](#)

[Ayuda de Gestor de Máquina](#)

[Estado de Servidor](#)

Nombre de Máquina

Nombre de Máquina	Alias de Máquina	Comandos
localhost		Instalado Gestor de Máquinas - comandos desactivados

Añadir Máquina Virtual

Máquina

Nombre:

Alias:

App base:

AutoDeploy

☒

DeployOnStartup

☒

DeployXML

☒

UnpackWARs

☒

App de Gestor

☒

CopyXML

☐

Añadir

Configuración persistente

AB

Save current configuration (including virtual hosts) to server.xml and per web application context.xml files

Información de Servidor

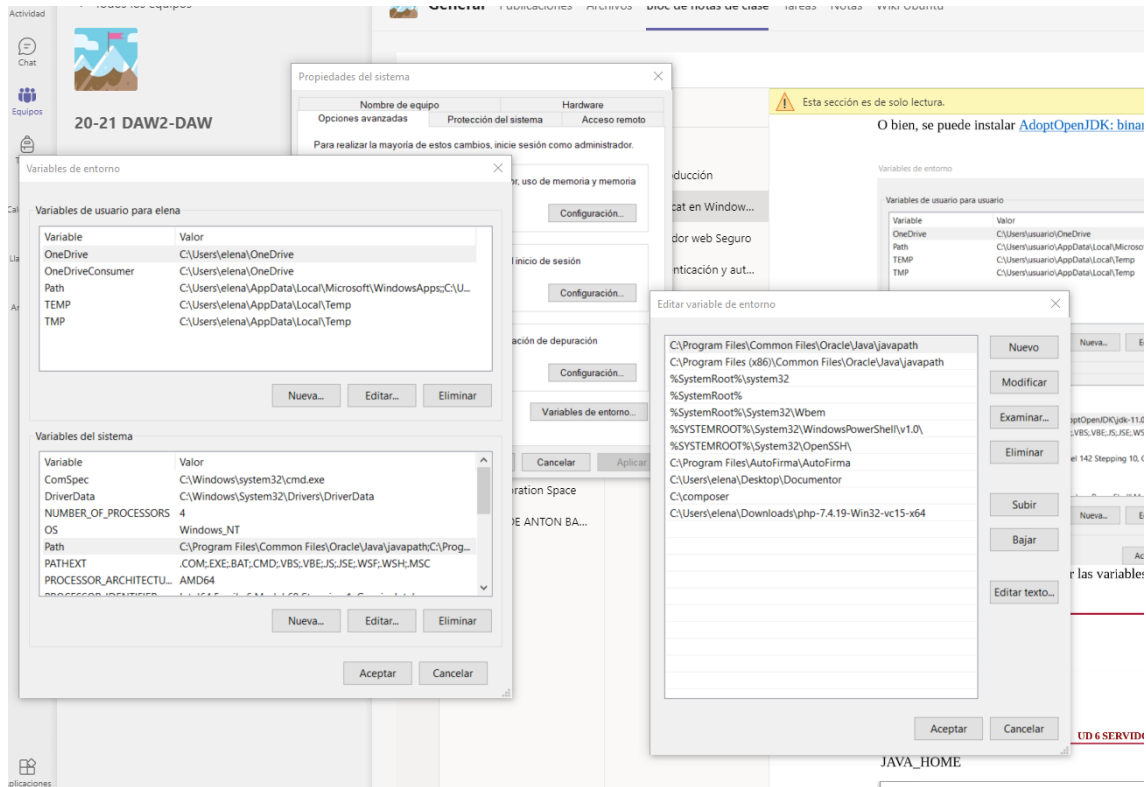
Versión de Tomcat	Versión de JVM	Vendedor JVM	Nombre de SO	Versión de SO	Arquitectura del SO
Apache Tomcat/9.0.31 (Ubuntu)	11.0.11+9-Ubuntu-Gnubuntu2.20.04	Ubuntu	Linux	5.4.0-79-generic	amd64

Copyright © 1999-2020, Apache Software Foundation

TOMCAT CLIENTE

1º Instalamos JDK

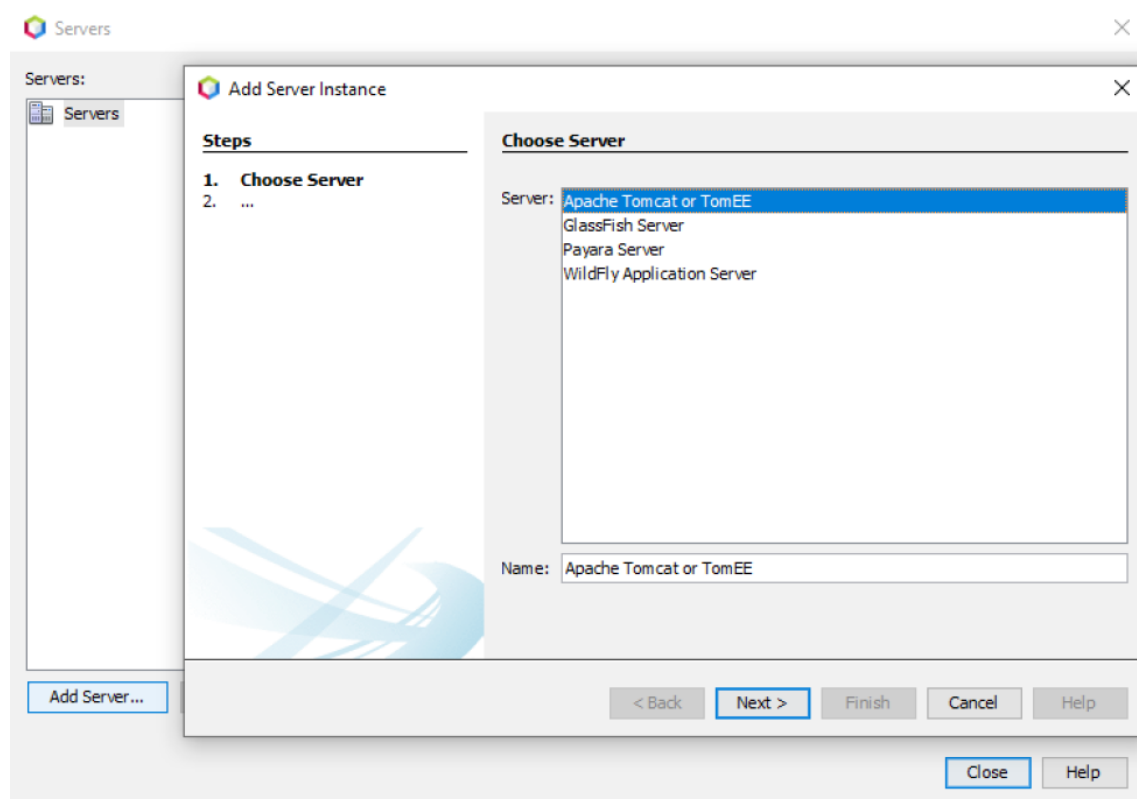
2º Accedemos a las variables de entorno del sistema, para ello entramos en Propiedades del sistema > Variables de entorno, y creamos una variable de entorno



Nombre de la variable:

Valor de la variable:

Después vincularemos TOMCAT en Netbeans, añadiéndolo en “servers:



A continuación añadiremos en el fichero users.xml las líneas para configurar nuestro usuario:

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
Licensed to the Apache Software Foundation (ASF) under one or more
contributor license agreements. See the NOTICE file distributed with
this work for additional information regarding copyright ownership.
The ASF licenses this file to You under the Apache License, Version 2.0
(the "License"); you may not use this file except in compliance with
the License. You may obtain a copy of the License at
    http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
-->
<tomcat-users xmlns="http://tomcat.apache.org/xml" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" version="1.0" xsi:schemaLocation="http://tomcat.apache.org/xml tomcat-users.xsd">
  <!--
  NOTE: By default, no user is included in the "manager-gui" role required
  to operate the "/manager/html" web application. If you wish to use this app,
  you must define such a user - the username and password are arbitrary. It is
  strongly recommended that you do NOT use one of the users in the commented out
  section below since they are intended for use with the examples web
  application.
  -->
  <!--
  The example user and role entries below are intended for use with the
  examples web application. They are wrapped in a comment and thus are ignored
  when reading this file. If you wish to configure these users for use with the
  examples web application, do not forget to remove the <!-- ... --> that surrounds
  them. You will also need to set the passwords to something appropriate.
  -->
  <!--
  <role rolename="tomcat"/>
  <role rolename="role1"/>
  <user username="tomcat" password="must-be-changed" roles="tomcat"/>
  <user username="both" password="must-be-changed" roles="tomcat,role1"/>
  <user username="role1" password="must-be-changed" roles="role1"/>
  -->
  <user password="pass" roles="manager-script,admin" username="tomcat"/>
</tomcat-users>
```

Una vez vuelta al netbeans, seleccionamos el servidor tomcat y lo iniciamos pulsando “start”. A continuación nos pedirá identificarnos, donde escribiremos el nombre de usuario y contraseña añadidos en users.xml.

