

Installation et configuration de Apache Guacamole

1 - Prérequis

Installation des dépendances

```
apt install build-essential libcairo2-dev \  
libpng-dev libtool-bin libossp-uuid-dev libvncserver-dev \  
freerdp2-dev libssh2-1-dev libtelnet-dev libwebsockets-dev \  
libpulse-dev libvorbis-dev libwebp-dev libssl-dev \  
libpango1.0-dev libswscale-dev libavcodec-dev libavutil-dev \  
libavformat-dev mariadb-server tomcat9 tomcat9-admin tomcat9-common \  
tomcat9-user -y
```

2 - Installation

Téléchargement du paquet

```
wget \  
https://downloads.apache.org/guacamole/1.3.0/source/guacamole-server-1.3 \  
.0.tar.gz \  
tar -xvf guacamole-server-1.3.0.tar.gz \  
cd guacamole-server-1.3.0
```

```
./configure --with-init-dir=/etc/init.d \  
--enable-allow-freerdp-snapshots \  
make \  
make install
```

Rechargement des systèmes

```
ldconfig \  
systemctl daemon-reload \  
systemctl start guacd \  
systemctl enable guacd
```

Création du répertoire de configuration de guacamole

```
mkdir -p /etc/guacamole/{extensions,lib}
```

Téléchargement de l'application

```
wget  
https://downloads.apache.org/guacamole/1.3.0/binary/guacamole-1.3.0.war
```

Déplacement de l'application vers le répertoire web

```
mv guacamole-1.3.0.war /var/lib/tomcat9/webapps/guacamole.war
```

Redémarrage des services

```
systemctl restart tomcat9 guacd
```

Téléchargement des extensions

```
wget  
https://dev.mysql.com/get/Downloads/Connector-J/mysql-connector-java-8.0  
.26.tar.gz  
tar -xf mysql-connector-java-8.0.26.tar.gz  
cp mysql-connector-java-8.0.26/mysql-connector-java-8.0.26.jar  
/etc/guacamole/lib/
```

```
wget  
https://downloads.apache.org/guacamole/1.3.0/binary/guacamole-auth-jdbc-  
1.3.0.tar.gz  
  
tar -xf guacamole-auth-jdbc-1.3.0.tar.gz  
mv guacamole-auth-jdbc-1.3.0/mysql/guacamole-auth-jdbc-mysql-1.3.0.jar  
/etc/guacamole/extensions/
```

Création de la BDD

```
CREATE DATABASE guacamole_db;  
GRANT SELECT,INSERT,UPDATE,DELETE ON guacamole_db.* TO  
'<Utilisateur>'@'localhost' IDENTIFIED BY '<MotDePasse>';  
FLUSH PRIVILEGES;
```

Importation de la BDD

```
cat *.sql | mysql -u <Utilisateur> -p guacamole_db
```

Configuration de guacamole

```
nano /etc/guacamole/guacamole.properties
# MySQL properties
mysql-hostname: 127.0.0.1
mysql-port: 3306
mysql-database: guacamole_db
mysql-username: <Utilisateur>
mysql-password: <MotDePasse>
```

Redémarrage des services

```
systemctl restart tomcat9 tomcat9 guacd mysql
```

L'interface web est accessible à l'adresse : <http://<IPServeur>:8080/guacamole>