**ALI**
**WALID**                          **BTS SIO1**

# Rapport

**1- On met à jour les paquets**

**On update**



**Puis on upgrade**



**On install php et apache**

# Rapport

```
ubuntu@ubuntu-vm:~$ sudo apt-get install php-imap php-ldap php-curl php-xmlrpc php-gd php-mysql php-
cas
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libflashrom1 libftdi1-2
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils bzip2 fontconfig-config fonts-dejavu-core
  libapache2-mod-php8.1 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap
  libc-client2007e libdeflate0 libfontconfig1 libgd3 libjbig0 libjpeg-turbo8 libjpeg8 liblua5.3-0
  libtiff5 libwebp7 libxmlrpc-epi0 libxpm4 mailcap mime-support mlock php php-common php8.1
  php8.1-cli php8.1-common php8.1-curl php8.1-gd php8.1-imap php8.1-ldap php8.1-mysql
  php8.1-opcache php8.1-phpdbg php8.1-readline php8.1-xmlrpc ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser bzip2-doc php-pear
  uw-mailutils libgd-tools
The following NEW packages will be installed:
```

**On installe la base de donnée pour GLPI :**

```
ubuntu@ubuntu-vm:~$ sudo apt-get install mariadb-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libflashrom1 libftdi1-2
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  galera-4 libcgi-fast-perl libcgi-pm-perl libclone-perl libconfig-inifiles-perl libdaxctl1
  libdbd-mysql-perl libdbi-perl libencode-locale-perl libfcgi-bin libfcgi-perl libfcgi0ldbl
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmariadb3 libmysqlclient21
  libndctl6 libpmem1 libsnappy1v5 libtimedate-perl liburi-perl liburing2 mariadb-client-10.6
  mariadb-client-core-10.6 mariadb-common mariadb-server-10.6 mariadb-server-core-10.6
  mysql-common socat
Suggested packages:
  libmldbm-perl libnet-daemon-perl libsql-statement-perl libdata-dump-perl libipc-sharedcache-
  libbusiness-isbn-perl libwww-perl mailx mariadb-test
The following NEW packages will be installed:
  galera-4 libcgi-fast-perl libcgi-pm-perl libclone-perl libconfig-inifiles-perl libdaxctl1
  libdbd-mysql-perl libdbi-perl libencode-locale-perl libfcgi-bin libfcgi-perl libfcgi0ldbl
```

```
ubuntu@ubuntu-vm:~$ sudo mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
      SERVERS IN PRODUCTION USE!  PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
haven't set the root password yet, you should just press enter here.

Enter current password for root (enter for none):
```

# Rapport

**puis on nous demandera de mettre un mot de passe et on mettra glpi**

```
You already have your root account protected, so you can safely answer 'n'

Change the root password? [Y/n] y
New password:
Re-enter new password: _
```

**Puis nous allons mettre en marche le serveur apache :**

```
ubuntu@ubuntu-vm:~$ sudo apt-get install apcupsd php-apcu
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer requir
  libflashrom1 libftdi1-2
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
```

```
ubuntu@ubuntu-vm:~$ sudo /etc/init.d/apache2 restart
Restarting apache2 (via systemctl): apache2.service.
ubuntu@ubuntu-vm:~$
```

**Nous allons à présent créer la base de donnée**

**1 - Se connecter sur mysql :**

```
ubuntu@ubuntu-vm:~$ mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 42
Server version: 10.6.16-MariaDB-0ubuntu0.22.04.1 Ubuntu 22.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> _
```

**2- Créer la table pour glpi**

```
MariaDB [(none)]> create database glpidb;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]>
```

### 3- On donne les permission puis on quitte mysql

```
MariaDB [(none)]> grant all privileges on glpidb.*to glpiuser@localhost identified by "glpi";
Query OK, 0 rows affected (0.018 sec)
```

```
MariaDB [(none)]> quit;
Bye
```

### On se place dans l'emplacement qui va accueillir glpi puis on récupère GLPI sur github

```
ubuntu@ubuntu-vm:~$ cd /usr/src
```

```
ubuntu@ubuntu-vm:/usr/src$ sudo wget https://github.com/glpi-project/glpi/releases/download/10.0.3/g
lpi-10.0.3.tgz
--2024-03-15 09:32:34--  https://github.com/glpi-project/glpi/releases/download/10.0.3/glpi-10.0.3.t
gz
Resolving github.com (github.com)... 140.82.121.3
Connecting to github.com (github.com)|140.82.121.3|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/39182755/9278
e289-8b05-449d-b395-7e22dfcbcbc7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAVCODYLSA53PQK
4ZA%2F20240315%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20240315T093228Z&X-Amz-Expires=300&X-Amz-S
ignature=f29b905e0ca2782d5ed4cb33fecf090b22f569c1e3a8a04ee7de319893b0d1a0&X-Amz-SignedHeaders=host&a
ctor_id=0&key_id=0&repo_id=39182755&response-content-disposition=attachment%3B%20filename%3Dglpi-10.
0.3.tgz&response-content-type=application%2Foctet-stream [following]
--2024-03-15 09:32:34--  https://objects.githubusercontent.com/github-production-release-asset-2e65b
e/39182755/9278e289-8b05-449d-b395-7e22dfcbcbc7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AK
IAVCODYLSA53PQK4ZA%2F20240315%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20240315T093228Z&X-Amz-Expi
res=300&X-Amz-Signature=f29b905e0ca2782d5ed4cb33fecf090b22f569c1e3a8a04ee7de319893b0d1a0&X-Amz-Signe
dHeaders=host&actor_id=0&key_id=0&repo_id=39182755&response-content-disposition=attachment%3B%20file
name%3Dglpi-10.0.3.tgz&response-content-type=application%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.110.133, 185.199.
111.133, 185.199.108.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.110.133|:443...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 59087820 (56M) [application/octet-stream]
Saving to: 'glpi-10.0.3.tgz'

glpi-10.0.3.tgz          79%[==========================>          ]  44.91M  11.5MB/s    eta 1s
```

### On installe les paquets

```
glpi/ajax/central.php
glpi/ajax/cable.php
glpi/ajax/agent.php
glpi/ajax/actors.php
glpi/ajax/actorinformation.php
glpi/SUPPORT.md
glpi/SECURITY.md
glpi/README.md
glpi/LICENSE
glpi/INSTALL.md
glpi/CONTRIBUTING.md
glpi/CHANGELOG.md
glpi/.htaccess
```

### On va ensuite autoriser le serveur a accéder au fichier

```
ubuntu@ubuntu-vm:/usr/src$ sudo chown -R www-data /var/www/html/glpi/
```
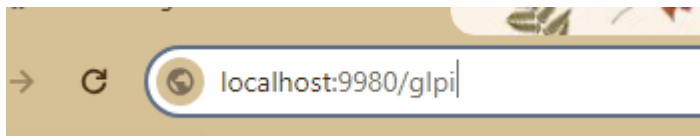
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# Rapport

**On vérifie que y a la bonne redirection des ports sur virtualbox**
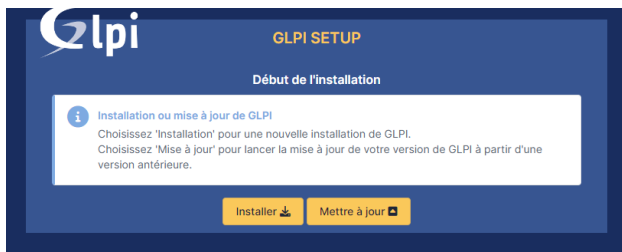


**Puis on lance glpi en localhost**

 *

**On va tomber sur cette page puis nous allons configurer glpi**



**on installe**



**Nous allons tomber sur une page ou on verra des fichiers manquant nous allons donc les installer**

# Rapport

**On installe les fichiers**

```
ubuntu@ubuntu-vm:/usr/src$ sudo apt-get install php-intl
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libflashrom1 libftdi1-2
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  php8.1-intl
The following NEW packages will be installed:
  php-intl php8.1-intl
0 upgraded, 2 newly installed, 0 to remove and 7 not upgraded.
Need to get 144 kB of archives.
After this operation, 522 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

```
ubuntu@ubuntu-vm:/usr/src$ sudo apt-get install php-dom
```

```
ubuntu@ubuntu-vm:/usr/src$ sudo apt-get install php-simplexml
Reading package lists... Done
Building dependency tree... Done
```

**puis on redemarre apache pour appliquer**

```
ubuntu@ubuntu-vm:/usr/src$ sudo service apache2 reload
```

**On rafraichit la page et on constate que tout est installé**

# Rapport



**On rentre les infos**



**on sélectionne notre bd qu'on a créé**

# Rapport



## La configuration GLPI est terminé



## on se connecte avec les identifiants

# Rapport

## GLPI est enfin installé