

GLPI Update (with GLPI 11 Upgrade investigation)

Turn ON Maintenance Mode

Before backing up, you must enable maintenance mode.

```
cd /var/www/glpi
```

```
php bin/console glpi:maintenance:enable
```

Backups

First, you have to backup some data before processing any upgrade

- **backup your database;**

```
mysqldump -u root -p --databases glpi > /root/backup/glpi-oldversion.sql
```

- backup your **config** directory, especially for your GLPI key file (config/glpi.key or config/glpicrypt.key) which is randomly generated; backup your **files** directory, it contains users and plugins generated files, like uploaded documents; backup your **marketplace** and plugins directory.

```
mkdir /root/backup/backup_glpi/glpi-old_version
```

```
cp -Rf /var/www/glpi/ /root/backup/backup_glpi/old_version
```

Check soft version

Before attempting any upgrade, you need to check the version of the software to make sure if it is compatible!

```
cd /var/www/glpi
```

```
php bin/console glpi:system:check_requirements
```

```
php bin/console glpi:database:check_schema_integrity
```

GLPI 10.0.5	GLPI 10.0.10	GLPI 11.0.0
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PHP Minimum : 7.4 PHP Maximum : 8.2	PHP Minimum : 7.4 PHP Maximum : 8.3	PHP Minimum : 8.2 PHP Maximum : ??
MariaDB Minimum : 10.2	MariaDB Minimum : 10.2	MariaDB Minimum : 10.5

Ubuntu 20.04 LTS	Ubuntu 22.04 LTS	Ubuntu 24.04 LTS
PHP 7.4	PHP 8.1	PHP 8.3
MariaDB 10.3	MariaDB : 10.5	MariaDB : 10.6

With this example, you can see that GLPI **10.0.10** requires Ubuntu **20.04** minimum.

But GLPI **11.0.0** requires Ubuntu **22.04** minimum.

Do not upgrade your system or GLPI without checking the versions of the components supported by GLPI !

Update GLPI version

Remove the old GLPI version

```
rm -Rf /var/www/glpi/
```

Download the latest GLPI version and uncompress it

```
cd /root
wget https://github.com/glpi-project/glpi/releases/download/XX.X.X/glpi-XX.X.X.tgz
```

```
tar -xvf glpi-XX.X.X.tgz
```

Move it to the right location and add the version number in the folder name

```
mv glpi /var/www/glpi
```

Restore Data

```
cp -Rf /root/backup/backup_glpi/your_version/glpi/files /var/www/glpi/
cp -Rf /root/backup/backup_glpi/your_version/glpi/plugins /var/www/glpi/
cp -Rf /root/backup/backup_glpi/your_version/glpi/config /var/www/glpi/
cp -Rf /root/backup/backup_glpi/your_version/glpi/marketplace /var/www/glpi/
```

Change the symlink to make it point on the latest version (and ensure the file are owned by www-data)

```
chown -R www-data:www-data /var/www/glpi/
```

Check the database integrity

```
cd /var/www/glpi/latest/bin
```

```
php console db:check
```

If all good then update the database

```
cd /var/www/glpi/bin
```

```
php console db:update
```

Remove the installer

```
rm /var/www/glpi/install/install.php
```

GLPI should now be updated.

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