

# Installation of Koha 24.11. on Ubuntu- 24.04 LTS

## Open Terminal

ctrl+alt+t

sudo su

entre - system password

## Update Ubuntu

```
sudo apt-get update  
sudo apt-get upgrade
```

## Install MariaDB

```
sudo apt install mariadb-server mariadb-client -y
```

```
sudo systemctl status mariadb
```

### Add Koha Community Repository & Trusted Repository Key

```
echo 'deb http://debian.koha-community.org/koha 24.11 main' | sudo tee /etc/apt/sources.list.d/koha.list
```

```
wget -q -O- https://debian.koha-community.org/koha/gpg.asc | sudo apt-key add -
```

### Update the software repository

```
sudo apt-get update
```

### Install Koha Software

```
sudo apt-get install koha-common -y
```

Server Port Configuration: Open following file to change port number.

```
sudo nano /etc/koha/koha-sites.conf
```

Here I change the port number of Koha staff client 80 to 8080. Find the following line in the file and make changes.

```
INTRAPORT="8080" (save ctrl+s Exit ctrl+z)
```

Koha instance creation

Apply following commands to create Apache configuration files.

```
sudo a2enmod rewrite  
sudo a2enmod cgi  
sudo service apache2 restart
```

Create a Koha instance with the name library.

```
sudo koha-create --create-db library
```

Add new port

Open the following file and add a new port.

```
sudo nano /etc/apache2/ports.conf
```

Copy paste following line below Listen 80

```
Listen 8080 (save ctrl+s Exit ctrl+z)
```

Restart Apache,

```
sudo service apache2 restart
```

Enable modules and sites

```
sudo a2dissite 000-default  
sudo a2enmod deflate  
sudo a2ensite library  
sudo service apache2 restart
```

## Restart Memcached

```
sudo service memcached restart
```

Now, Koha has been installed successfully. !!!!!

Open the browser and type the following:

For Koha Staff Interface: <http://localhost:8080>

For Koha OPAC : <http://localhost>

Generate Koha Interface Login Password.

```
sudo koha-passwd library
```

**OR**

```
sudo xmlstarlet sel -t -v 'yazgfs/config/pass' /etc/koha/sites/library/koha-conf.xml
```

It will generate the password at terminal. Just copy or even password you can locate at </etc/koha/sites/library/koha-conf.xml>

## Enable & Start Plack for Koha Performance Improvement (Only enable it if you have sufficient RAM):

```
sudo koha-plack --enable library
```

```
sudo koha-plack --start library
```

```
a2enmod headers proxy_http
```

```
sudo service apache2 restart
```

## E-mail Enable in koha

```
sudo koha-email-enable libraryname
```

```
sudo service apache2 restart
```

## Uninstall koha Instructions

```
sudo koha-remove {instancename}
```

```
sudo apt-get remove koha-common
```

```
sudo apt clean
```

```
sudo apt autoremove  
sudo apt update  
sudo apt-get install koha-common
```

## missing Perl modules?

Use this command

```
perl -MCPAN -e 'install Bundle::KohaSupport'
```

# Jivesna.Tech

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