

BookStack ??

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- PVE
- LXC
- Debian 12

??nginx mariadb

```
apt update
```

```
apt -y install nginx mariadb-server unzip git
```

```
systemctl enable nginx && systemctl start nginx
```

```
systemctl enable mariadb && systemctl start mariadb
```

?????

```
mariadb -u root -p
```

```
CREATE DATABASE IF NOT EXISTS bookstackdb DEFAULT CHARACTER SET utf8mb4 COLLATE  
utf8mb4_unicode_ci;  
GRANT ALL PRIVILEGES ON bookstackdb.* TO 'bookstackuser'@'localhost' IDENTIFIED BY  
'bookstackpass' WITH GRANT OPTION;  
FLUSH PRIVILEGES;
```

??PHP 8.4

```
apt install -y lsb-release ca-certificates apt-transport-https software-properties-common
```

```
wget -O /etc/apt/trusted.gpg.d/php.gpg https://packages.sury.org/php/apt.gpg
```

```
echo "deb https://packages.sury.org/php/ $(lsb_release -sc) main" | tee  
/etc/apt/sources.list.d/sury-php.list
```

```
apt update && apt install curl php8.4 php8.4-  
{common,mbstring,fpm,mysql,gd,cli,opcache,curl,ldap,odbc,xlsrc,soap,intl,zip,tidy,xsl} -y
```

?? /etc/php/8.4/fpm/php.ini ??

```
sed -i "s|^;cgi.fix_pathinfo=1.*$|cgi.fix_pathinfo=0|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^;cgi.fix_pathinfo=1.*$|cgi.fix_pathinfo=0|" /etc/php/8.4/cli/php.ini  
  
sed -i "s|^;date.timezone =.*$|date.timezone = Asia/Taipei|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^;date.timezone =.*$|date.timezone = Asia/Taipei|" /etc/php/8.4/cli/php.ini  
  
sed -i "s|^upload_max_filesize = 2M.*$|upload_max_filesize = 50M|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^upload_max_filesize = 2M.*$|upload_max_filesize = 50M|" /etc/php/8.4/cli/php.ini  
  
sed -i "s|^post_max_size = 8M.*$|post_max_size = 200M|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^post_max_size = 8M.*$|post_max_size = 200M|" /etc/php/8.4/cli/php.ini  
  
sed -i "s|^memory_limit = 128M.*$|memory_limit = 512M|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^memory_limit = -1.*$|memory_limit = 512M|" /etc/php/8.4/cli/php.ini  
  
sed -i "s|^max_execution_time = 30.*$|max_execution_time = 600|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^max_execution_time = 30.*$|max_execution_time = 600|" /etc/php/8.4/cli/php.ini  
  
sed -i "s|^max_input_time = 60.*$|max_input_time = 600|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^max_input_time = 60.*$|max_input_time = 600|" /etc/php/8.4/cli/php.ini  
  
sed -i "s|^default_socket_timeout = 60.*$|default_socket_timeout = 600|" /etc/php/8.4/fpm/php.ini  
sed -i "s|^default_socket_timeout = 60.*$|default_socket_timeout = 600|" /etc/php/8.4/cli/php.ini
```

? /etc /php/8.4/fpm/pool.d/www.conf ????

```
#####  
user = www-data  
group = www-data  
  
listen.owner = www-data  
listen.group = www-data  
listen.mode = 0660
```

```
#listen.mode=
```

```
php_value[session.save_path] = /var/www/html/sessions
```

```
systemctl start php8.4-fpm && systemctl enable php8.4-fpm
```

?? /etc/nginx/nginx.conf

```
http
```

```
client_body_timeout 120s;
```

```
client_max_body_size 100M;
```

?? /etc/nginx/conf.d/bookstack.conf

```
server {  
    listen 80;  
    listen [::]:80;  
  
    server_name _;  
  
    root /var/www/html/bookstack/public;  
    index index.php index.html;  
  
    location / {  
        try_files $uri $uri/ /index.php?$query_string;  
    }  
  
    location ~ \.php$ {  
        include fastcgi_params;  
        fastcgi_pass unix:/run/php/php8.4-fpm.sock;  
        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;  
    }  
}
```

BookStack????

-  **Composer**

```
cd /usr/local/bin
```

```
curl -sS https://getcomposer.org/installer | php
```

```
mv composer.phar composer
```

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```
mkdir -p /var/www/html
```

```
cd /var/www/html
```

```
mkdir /var/www/html/sessions
```

```
git clone https://github.com/BookStackApp/BookStack.git --branch release --single-branch
```

```
cd BookStack && composer install --no-dev
```

- BookStack 

```
cp .env.example .env
```

```
00 .env
```

#APP_URL=□□□□□

APP_URL=

DB_HOST=localhost

DB_DATABASE=bookstackdb

DB_USERNAME=bookstackuser

```
DB_PASSWORD=bookstackpass
```

```
php artisan key:generate --force
```

```
chown -R www-data:www-data /var/www/html/{BookStack,sessions}
```

```
php artisan migrate --force
```

- http://ip admin@admin.com

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