

# BookStack

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BookStack: <https://www.bookstackapp.com/>

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# BookStack Installation

## With Docker

Tutorial:

- [linuxserver/bookstack](#)
- [LSIO BookStack & Swag Setup](#)

docker-compose.yml:

```
version: "2"
services:
  bookstack:
    image: linuxserver/bookstack
    container_name: bookstack
    environment:
      - PUID=1000
      - PGID=1000
      - DB_HOST=bookstack_db
      - DB_USER=<db-user>
      - DB_PASS=<db-pass>
      - DB_DATABASE=bookstackapp
    volumes:
      - ./config:/config
    ports:
      - 6875:80
      - 443:443
    restart: unless-stopped
    depends_on:
      - bookstack_db

  bookstack_db:
    image: linuxserver/mariadb
    container_name: bookstack_db
    environment:
      - PUID=1000
```

```
- PGID=1000
- MYSQL_ROOT_PASSWORD=<db-pass-root>
- TZ=Asia/Taipei
- MYSQL_DATABASE=bookstackapp
- MYSQL_USER=<db-user>
- MYSQL_PASSWORD=<db-pass>
```

volumes:

```
- ./config:/config
```

restart: unless-stopped

??????????

```
mkdir config
docker-compose up -d
docker-compose ps
```

???????

```
docker-compose start
docker-compose stop
```

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```
docker-compose down
```

## With CentOS 7

### Reference

- [BookStack ????????](#)

# ????????????

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- new-cert.key
- new-cert.crt

```
cd /dir/to/your/cert
openssl req -x509 -nodes -days 3650 -newkey rsa:2048 -keyout new-cert.key \
-out new-cert.crt

chown 1000.1000 new-cert.*
```

?? Nginx ??

```
cd /path/to/nginx
vi site-confs/default

ssl_certificate /config/keys/new-cert.crt;
ssl_certificate_key /config/keys/new-cert.key;
```

?????????

```
openssl x509 -in cert.crt -noout -text
```

“ Certificate:  
Data:  
Version: 3 (0x2)  
Serial Number:  
24:85:b0:74:34:91:da:d3:cf:c4:16:9d:50:19:75:5a:c4:b5:9d:9b  
Signature Algorithm: sha256WithRSAEncryption  
Issuer: C = US, ST = CA, L = Carlsbad, O = Linuxserver.io, OU = LSIO  
Server, CN = \*  
Validity  
Not Before: May 24 11:23:44 2020 GMT  
Not After : May 22 11:23:44 2030 GMT  
Subject: C = US, ST = CA, L = Carlsbad, O = Linuxserver.io, OU = LSIO  
Server, CN = \*

Subject Public Key Info:

Public Key Algorithm: rsaEncryption

RSA Public-Key: (2048 bit)

Modulus:

00:bd:3b:5c:10:cc:e3:0e:69:d6:2a:b8:46:25:1e:

6b:30:2d:a9:9a:39:a2:5d:5a:f6:42:70:15:ad:f7:

68:3c:82:f3:4a:3d:40:70:cf:54:e1:36:c1:f0:e0:

...

# ????

## Storage Options

?? .env

```
STORAGE_TYPE=local_secure
```

????????????

- local
- s3

## Changing Upload Limits

PHP

```
post_max_size = 20M
upload_max_filesize = 20M
```

Nginx

???????? Docker ?????????? Nginx?

```
http {
    #...
    client_max_body_size 100m;
    client_body_timeout 120s; # Default is 60, May need to be increased for very large uploads
    #...
}
```

Cloudflare (optional)

???? [Cloudflare](#) ?? Reverse Proxy?????? Cloudflare ???

Your-Domain > Network > Maximum Upload Size

[cloudflare-upload.png](#)



# Learning

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- [BUBU ??? & ????.Studio](#)

## Tutorials

- [Youtube] [Power User Features in BookStack](#)



# Q & A

## Timezone ?????

???????????????????????? UTC ?????????????????? Asia/Taipei?

????: ?? `.env`

```
# Application timezone
# Used where dates are displayed such as on exported content.
# Valid timezone values can be found here: https://www.php.net/manual/en/timezones.php
APP_TIMEZONE=Asia/Taipei
```

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# Bookstack Upgrade

## With Docker

- Old: 22.02.3
- New: 22.07.3

### Shutdown the container

```
cd <Bookstack-directory>
docker compose down
```

### Backup the data volume

```
cd <Bookstack-directory>
cp -a config{,..22.02.3.bak}
```

### Pull the new version of Bookstack

```
docker pull linuxserver/bookstack:22.07.3
```

Edit the `docker-compose.yml`: `???????` `image: linuxserver/bookstack:22.07.3`

```
version: "2"
services:
  bookstack:
    image: linuxserver/bookstack:22.07.3
    container_name: bookstack
    environment:
      - PUID=1000
      - PGID=1000
      - APP_URL=https://osslab.tw
    ...
    ...
```

### Start the container

```
docker compose up -d
```