

BookStack ??????????????????

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1. ? ????????

1GB RAM
 VPS
 Docker Compose
 BookStack
 us1.w3lk.eu.org
 st.w3lk.eu.org
 HTTPS

- 502 Bad Gateway
 Nginx
 bookstack
 The application key is missing, halting init!
- 500 Internal Server Error
 500
 Access denied
 for user 'database_username'

(Root Cause)

- 502
 BookStack
 Laravel
 APP_KEY
- 500
 linuxserver/bookstack
 DB_USER /
 DB_PASS
 DB_USERNAME / DB_PASSWORD
 database_username
 (Dirty Volume)
 bookstack_data
 mariadb_data
 YAML
 " "

2. ? ????????

- APP_KEY
 Laravel
 Base64
 Session
 Cookie
- (Volume Contamination)
 Docker

4.1 ??? docker-compose.yml

```
services:
  bookstack:
    image: lscr.io/linuxserver/bookstack:latest
    container_name: bookstack
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=Asia/Singapore
      - APP_URL=https://us1.w3lk.eu.org
      - APP_KEY=base64:YOUR_GENERATED_KEY_HERE # 随机生成32位字符串
      - APP_LANG=zh_CN # 语言
      - DB_HOST=bookstack_db
      - DB_USERNAME=bookstack # 数据库用户名
      - DB_PASSWORD=YourStrongPasswordHere # 数据库密码
      - DB_DATABASE=bookstackapp
    volumes:
      - ./bookstack_data:/config
    ports:
      - 127.0.0.1:6875:80
    restart: unless-stopped
    depends_on:
      - bookstack_db

  bookstack_db:
    image: lscr.io/linuxserver/mariadb:latest
    container_name: bookstack_db
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=Asia/Singapore
      - MYSQL_ROOT_PASSWORD=YourRootPasswordHere
      - MYSQL_DATABASE=bookstackapp
      - MYSQL_USER=bookstack # 数据库用户名
```

```

- MYSQL_PASSWORD=YourStrongPasswordHere # DB_PASSWORD
volumes:
- ./mariadb_data:/config
restart: unless-stopped

```

4.2 Nginx (/etc/nginx/sites-available/bookstack)

(Certbot SSL)

```

# =====
#
# =====
server {
    listen 80;
    listen [::]:80;
    server_name st.w3lk.eu.org;

    #
    return 301 https://us1.w3lk.eu.org$request_uri;
}

# =====
#
# =====
server {
    listen 80;
    listen [::]:80;
    server_name us1.w3lk.eu.org;

    location / {
        # Docker
        proxy_pass http://127.0.0.1:6875;
        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header X-Forwarded-Proto $scheme;
    }
}

```

