

# Using Docker Image

## Docker Installation (Guide)

### Have a VPS?

- [Install Docker Engine](#)

### Desktop?

- [Docker Install documentation](#)
- [Docker-Compose Install documentation](#)

Just create a `docker-compose.yml` file on your server, and change the values (which start with the `example_*`) with real values.

For passwords, we recommend using strong values. You can use [this](#) tool to generate strong passwords:

#### Required:

- `LICENSE_KEY` (license key, see [Mixpost license](#) page)
- `APP_URL` (your app URL, for example, <https://my-project.com>)
- `APP_KEY` (your app key. Generate a base64 secret with this [tool](#))
- `DB_DATABASE` (the database name of the linked MySQL container)
- `DB_USERNAME` (the user of the linked MySQL container)
- `DB_PASSWORD` (the user password of the linked MySQL container)

#### Optional:

- `APP_NAME` (Your project name. Default value: `'Mixpost'`)
- `APP_DEBUG` (Available options: `true`/`false`. Default value: `false`)
- `MIXPOST_CORE_PATH` (This is the path that Mixpost will use to load its core routes and assets. Default value: `mixpost`)
- `MIXPOST_PUBLIC_PAGES_PREFIX` (public pages have an endpoint directly after the URL domain (for example, <https://your-domain/privacy-policy>). Default value: `pages`, which means <https://your-domain/pages/privacy-policy>)
- `MIXPOST_FORGOT_PASSWORD` (Enable/Disable Forgot Password feature. Default value: `'true'`)

- `MIXPOST_TWO_FACTOR_AUTH` (Enable/Disable Two Factor Authentication feature. Default value: `'true'` )
- `MIXPOST_DEFAULT_LOCALE` (Default value: `'en-GB'` )
- `MAIL_HOST` (Default value: `smtp.mailgun.org`)
- `MAIL_PORT` (Default value: `587`)
- `MAIL_USERNAME`
- `MAIL_PASSWORD`
- `MAIL_ENCRYPTION` (Default value: `tls`)
- `MAIL_FROM_ADDRESS` (Default value: `hello@example.com`)
- `MAIL_FROM_NAME` (Default value: `Example`)
- `DB_HOST` (The IP of the MySQL server. Default value: `mysql` )
- `DB_PORT` (The port of the MySQL server. Default value: `3306` )
- `REDIS_HOST` (The IP of Redis server. Default value: `redis` )
- `REDIS_PORT` (The port of the Redis server. Default value: `6379` )

```

version: '3.1'

services:
  mixpost:
    image: inovector/mixpost-pro-team:latest
    environment:
      LICENSE_KEY: 'example_license_key'
      APP_URL: https://your-domain.com
      APP_KEY: example_secret_key # Generate a base64 secret with this tool:
      https://mixpost.app/encryption-key-generator
      DB_DATABASE: 'example_db_name'
      DB_USERNAME: 'example_db_user'
      DB_PASSWORD: 'example_db_password'
    ports:
      - 9000:80
    volumes:
      - storage:/var/www/html/storage/app
    depends_on:
      - mysql
      - redis
    restart: unless-stopped
  mysql:
    image: 'mysql/mysql-server:8.0'
    ports:
      - '3306:3306'
    environment:
      MYSQL_DATABASE: 'example_db_name'

```

```
    MYSQL_USER: 'example_db_user'
    MYSQL_PASSWORD: 'example_db_password'
volumes:
  - 'mysql:/var/lib/mysql'
healthcheck:
  test: ["CMD", "mysqladmin", "ping", "-p example_db_password"]
  retries: 3
  timeout: 5s
restart: unless-stopped
redis:
  image: 'redis:latest'
  command: redis-server --appendonly yes --replica-read-only no
  volumes:
    - 'redis:/data'
  healthcheck:
    test: ["CMD", "redis-cli", "ping"]
    retries: 3
    timeout: 5s
  restart: unless-stopped
volumes:
  mysql:
    driver: local
  redis:
    driver: local
  storage:
    driver: local
```

Then execute this command:

```
docker-compose up -d
```

You can connect to Mixpost by accessing the URL address set in **APP\_URL**

## Important information

Mixpost uses encrypting and decrypting text via OpenSSL using AES-256 and AES-128 encryption to secure your credentials of services and connected social accounts. That said, we don't recommend you change `APP_KEY`. By changing the `APP_KEY`, some functions in the applications will stop working, namely: service credentials and connected social account tokens will no longer be

able to be decrypted. You will have to re-enter your service credentials and reconnect your social accounts. For Mastodon, you have to re-create a new app, see the [instruction](#).

Change the `API_KEY` only if you have a serious reason such as your access to the server has been compromised.

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