

Setup & Configuration

We need to install the service through Portainer and configure any necessary settings.

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Preparation

There are some things we need to do in preparation to install this service.

Volumes

Persistent Data

This is where the service will store its own application data and ensures we can quickly update the service image.

Ensure your user has permissions to access the folder.

Media Folders

This service will need access to the folders where you store your media files.

Ensure your user has permissions to access the folder.

Environment

TZ

This is the current time zone formatted using the [tz database](#).

For example: America/Vancouver

PUID

This is the numeric ID of the user account on Debian. If you are unsure, open a terminal and run:

```
id -u
```

PGID

This is the numeric ID of the user account's group on Debian. If you are unsure, open a terminal and run:

```
id -g
```

Installation

The service can be installed through the Portainer web interface.

Learn about [creating a new stack](#).

Docker Compose

Use the following code to install the service:

```
---
services:
  kavita:
    image: lscr.io/linuxserver/kavita:latest
    container_name: kavita
    network_mode: bridge
    volumes:
      # Persistent Data
      - /srv/kavita:/kavita/config

      # Media Files
      - /mnt/comics:/comics
      - /mnt/books:/books
    environment:
      - TZ=America/Los_Angeles
      - PUID=1000
      - PGID=1000
    ports:
      - "5030:5000"
    restart: unless-stopped
```

Updating

Re-Deploy the Stack

This service has been optimized for running in Docker thanks to [LinuxServer.io](#).

This allows you to [re-deploy the stack through Portainer](#) to download the latest updates.