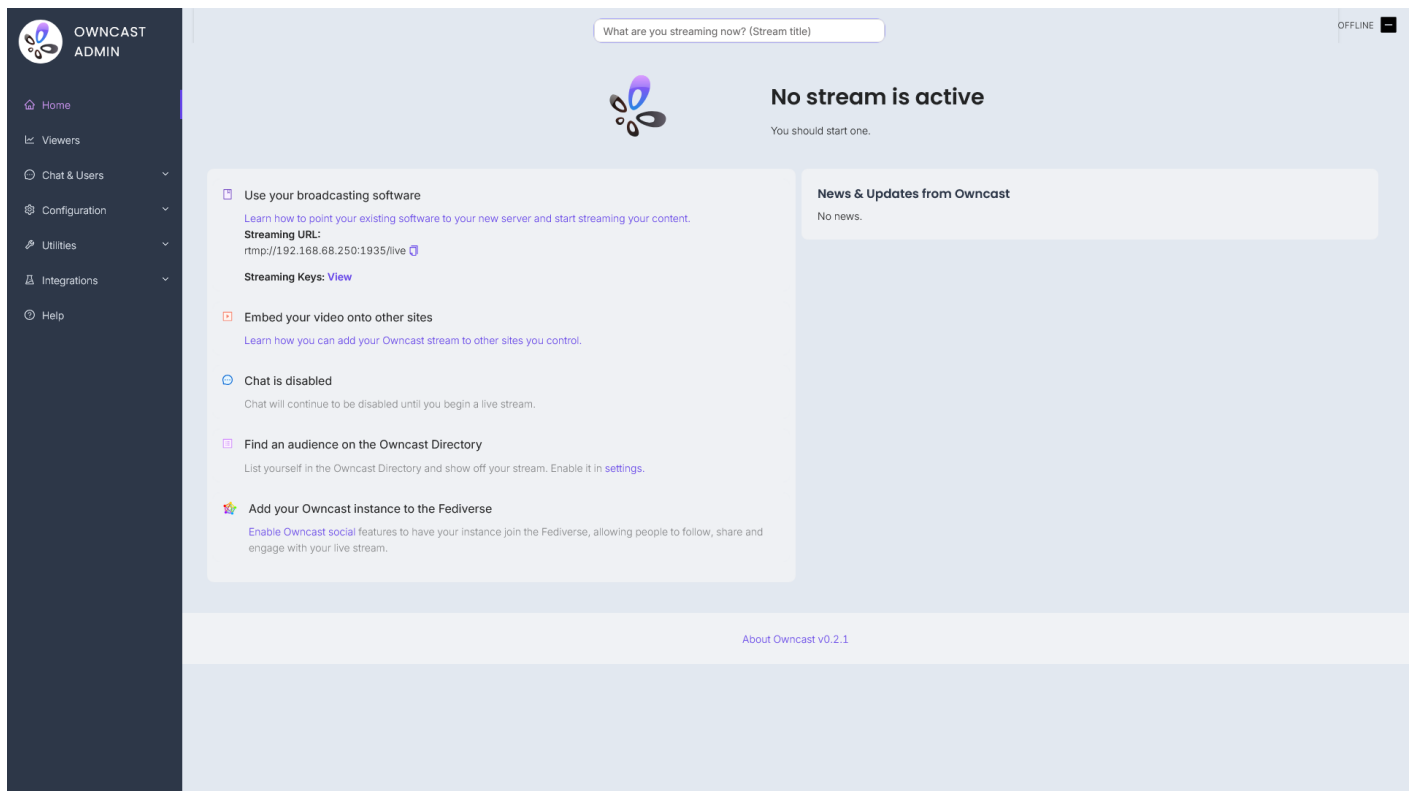


OwnCast •

[OwnCast](#) is a live-video streaming and chat server for the decentralized [Fediverse](#). While hosting your own server, you can still engage the larger community.

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Overview



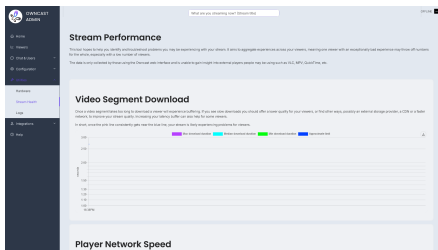
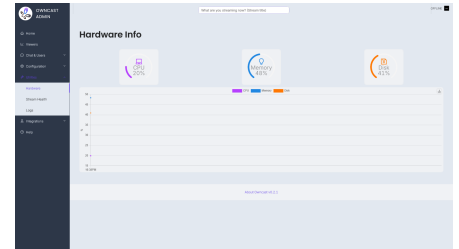
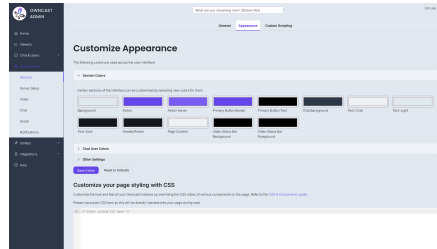
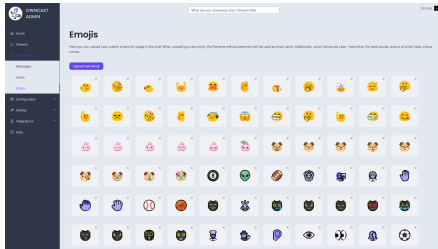
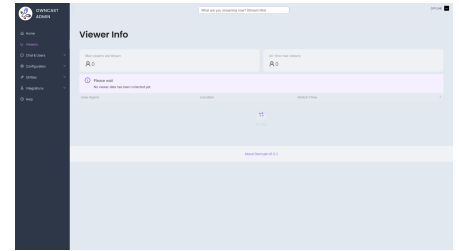
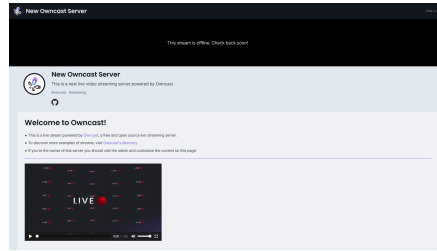
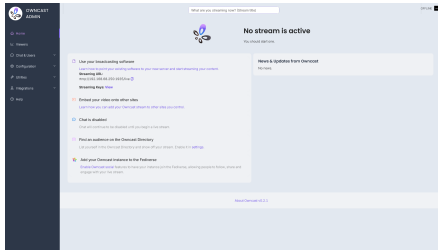
[OwnCast](#) is a live-video streaming and chat server for the decentralized [Fediverse](#). While hosting your own server, you can still engage the larger community.

Tryout an [OwnCast user demo](#).

- Compatible with existing streaming software solutions like the popular [OBS](#).
- List your video on the [OwnCast directory](#) to stream anything from video games to adult media.
- Customize the look and feel of OwnCast to make the stream truly yours.

Screenshots

OwnCast v0.2.1



Setup & Configuration

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

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.

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:
  owncast:
    image: owncast/owncast:latest
    container_name: owncast
    network_mode: bridge
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=America/Vancouver
    ports:
      - 1935:1935
      - 8170:8080
    volumes:
      - /srv/owncast:/config
    restart: unless-stopped
```

Updating

Re-Deploy the Stack

This service has been optimized for running in Docker.

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

User Manual

Development

This software is released under the [MIT license](#).

You can learn more about how to contribute to OwnCast through their [website](#).

The development team also accepts [sponsorships](#).

Resources

Official

- [Official Documentation](#)
- [Official Rocket.Chat](#)
- [Official GitHub Repository](#)
- [Official Website](#)
- [Quick Start Guide](#)
- [Frequently Asked Questions](#)
- [General Troubleshooting](#)