

# Setup & Configuration

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

- [Preparation](#)
- [Installation](#)
- [Updating](#)

# 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

Sonarr will need access to the folders where you store your television files.

Ensure your user has permissions to access the folder.

### Download Folders

Sonarr will need access to the folder where you torrent or usenet folder store their completed downloads.

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

# 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:
  sonarr:
    image: lscr.io/linuxserver/sonarr:latest
    container_name: sonarr
    network_mode: bridge
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=America/Vancouver
    volumes:
      # Persistent Data
      - /srv/sonarr:/config

      # Media Folders
      - /mnt/television:/mnt/television

      # Downloads Folder
      - /mnt/downloads:/mnt/downloads
    ports:
      - 8989:8989
    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.