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.

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:
  adguard:
    image: adguard/adguardhome:latest
    network_mode: bridge
    dns:
     - 1.1.1.1
    ports:
      - 3333:3000
      - 53:53/tcp
      - 53:53/udp
      - 67:67/udp
      - 88:80
      - 853:853
    volumes:
      # Persistent Data
      - /srv/adguard/data:/opt/adguardhome/work
      - /srv/adguard/conf:/opt/adguardhome/conf
    restart: unless-stopped
```

Updating

> ### Re-Deploy the Stack

This service has been optimized for running in Docker.

This allows you to <u>re-deploy the stack through Portainer</u> to download the latest updates.