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.

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:
  guacamole:
    image: guacamole/guacd:latest
    container_name: guacamole
    network_mode: bridge
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=America/Vancouver
    ports:
      - 4570:8080
    volumes:
      - /srv/guacamole:/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.