

Guacamole •

Access computers on your local network remotely through your web browser.

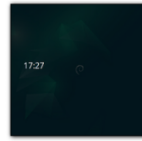
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Overview

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[Guacamole](#) is a browser-based application for controlling network computers using remote connection protocols.

- Supports RDP, VNC, Telnet and SSH remote connection protocols.
- Share remote computer access with family and friends by creating user accounts.
- Emulate a keyboard and different types of mouse movement.

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:
  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
```

Setup & Configuration

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 [Apache 2.0 license](#).

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

Resources

Official

- [Official Documentation](#)
- [Official Mailing List](#)
- [Official Website](#)
- [Wikipedia Entry](#)
- [Installation Guide](#)
- [Frequently Asked Questions](#)
- [General Troubleshooting](#)