

Apache Guacamole

Apache Guacamole is a clientless remote desktop gateway. It supports standard protocols like VNC, RDP, and SSH.

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Docker Installation on ARM64

Apache Guacamole is a powerful tool for managing remote connections, and installing it on a Raspberry Pi 4 with Docker allows for easy, remote access from almost anywhere

Prerequisites

1. Raspberry Pi 4
2. [Docker installed](#)

Docker Compose Setup

For this installation, we will use a `compose.yaml` file with Docker Compose to manage the Guacamole installation.

I'm using the [flcontainers/guacamole](#) Docker image, which is compatible with the ARM64 architecture, unlike the official image.

Here's what the `compose.yaml` file should look like:

```
services:
  guacamole_app:
    container_name: guacamole_app
    image: flcontainers/guacamole:latest
    restart: unless-stopped
    ports:
      - 8094:8080
    volumes:
      - guacamole_app-config:/config
      - /etc/localtime:/etc/localtime:ro
    environment:
      TZ: 'Europe/Brussels'
    healthcheck:
      test: curl -f -k http://127.0.0.1:8080/ || exit 1
      interval: 15s
```

```
        timeout: 10s
        retries: 5

volumes:
  guacamole_app-config:
    name: guacamole_app-config
```

Installation

Once you've created the `compose.yaml` file, navigate to the directory where it's stored and run the following command:

```
docker compose up -d
```

This command will pull the Guacamole image and install it on your Raspberry Pi.

Using Apache Guacamole

After the installation, you can access the Guacamole web interface by visiting `http://<YOUR_RPI_IP>:8094`

Username: guacadmin
Password: guacadmin

With this setup, you now have Apache Guacamole running on your Raspberry Pi 4, allowing easy remote desktop access and management.

Happy me! ☺