

# Homework 2 - MQTT Broker

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The MQTT broker is a Mosquitto broker running on Fedora Linux, connected via wifi port with Raspberry Pi A, Raspberry Pi B, and Raspberry Pi C.

## Requirements

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This project requires an installed version of Mosquitto MQTT service.

On Fedora 27 OS, install MQTT with following commands:

```
sudo dnf install mqtt
```

```
sudo dnf install mosquitto
```

```
sudo dnf install mosquitto-clients
```

To enable the MQTT broker, run the following commands:

```
systemctl enable mosquitto.service
```

```
systemctl start mosquitto.service
```

On the PC that is acting as a broker, after following the instructions to install MQTT run following command in the terminal:

```
mosquitto -v
```

This command starts an MQTT broker on the PC.

## Role in Overall System

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The MQTT broker facilitates the movement of information throughout the system.

## Licenses

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Mosquitto is used under the EPL/EDL licenses from Eclipse