## MQTT

We are running an MQTT broker inside our network. This can be used for projects, for example for sensor data.

## Host

The MQTT broker is running on roonadan.lan (192.168.1.189).

## Sandbox

Under the topic sandbox/# you can play around and send messages.

## **Topics used**

The following topics are ACL restricted. Your MQTT client needs to have a valid login and the according permission to read/write on the topics. Ask metalgamer on how to get an account.

| Торіс                            | Description  |
|----------------------------------|--|
| availability/#                   | This topic is used for every client to publish availability<br>messages (online/offline). This is the topic also for the last will<br>messages.  |
| space/status                     | This topic contains the current space state. It is a JSON encoded message.   |
| space/member_count               | On this topic the current member count of the club will be published. This message is JSON encoded.  |
| sensors/people_now_present       | On this topic the current people present will be published (integer)   |
| sensors/people_now_present/names | The names of the people present (if available)   |
| sensors/temperature/#            | On this topic the current temperature sensors reading will be<br>published. The readings are in °C an are a float. The subtopics<br>are the location for the sensors (Example:<br>sensors/temperature/chill/shelf for the sensors on the shelf in<br>the Chill room) |

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