Livy Alive Webinterface

v0.2

Webinterface

Accessible from

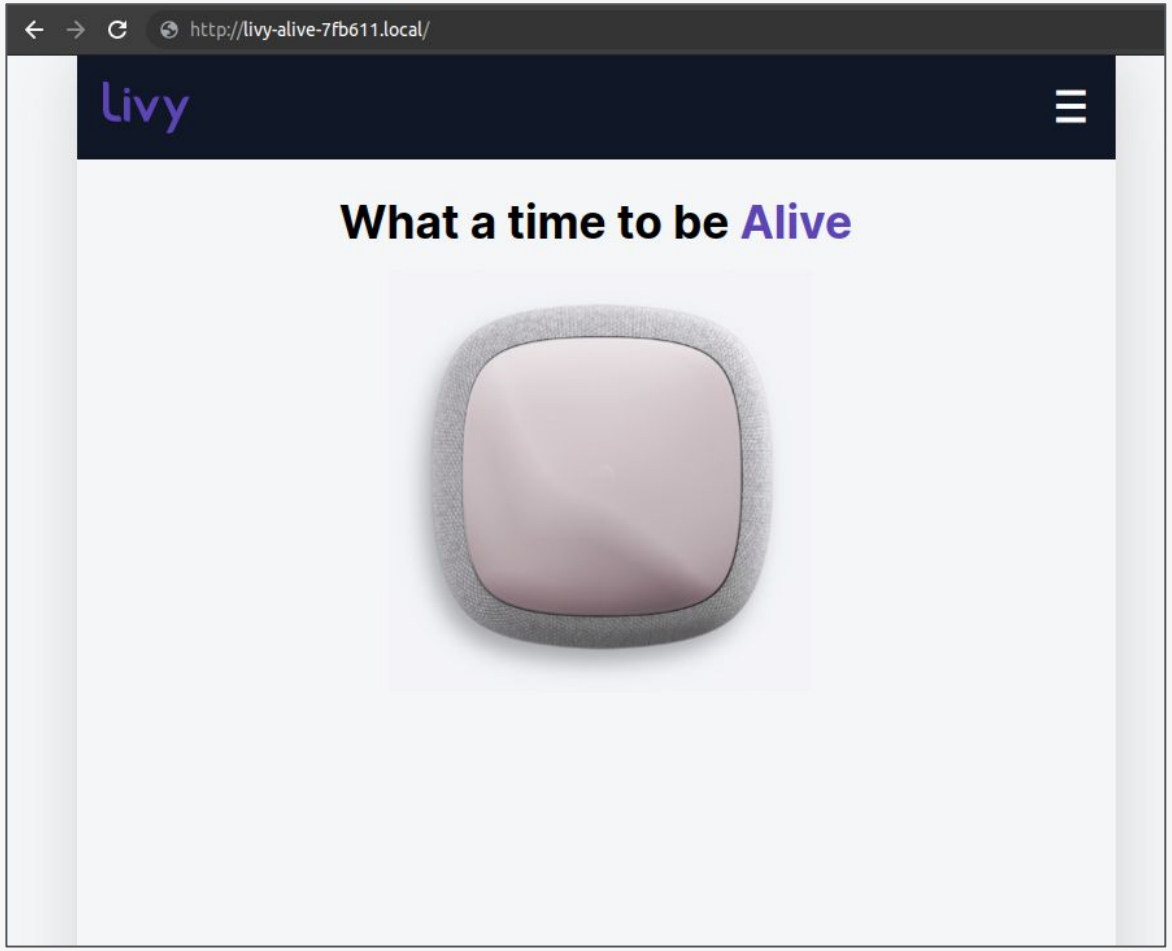
- any browser (Chrome, Firefox, etc.)
- on any device (Laptop, Smartphone, etc.)

From here on, this other device (Laptop, Smartphone) is referred to as:

Client

The Livy Alive Host is referred to as:

Alive



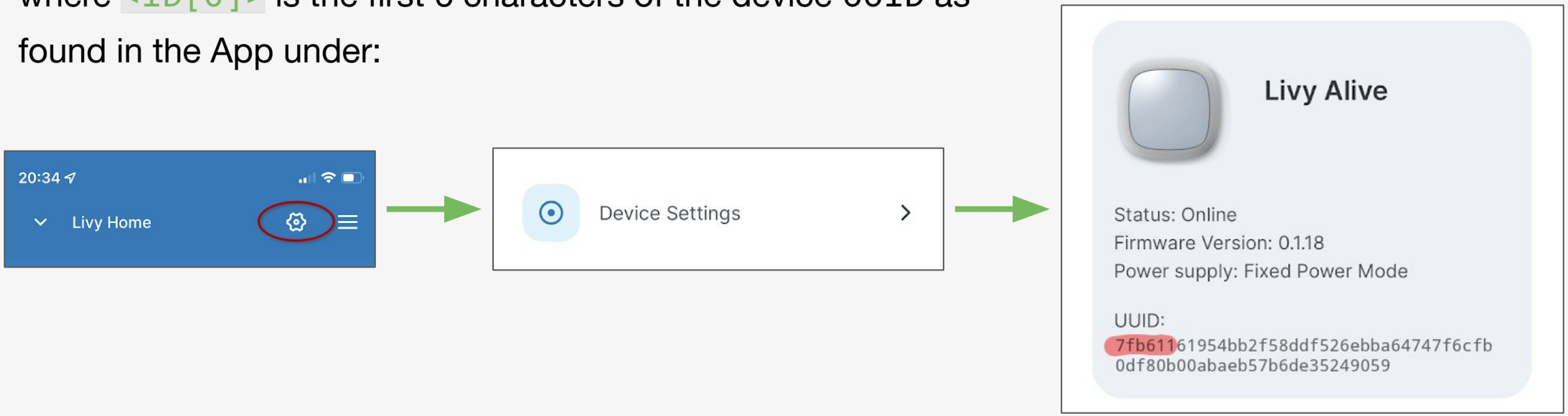
URL

Make sure **Alive** and the **Client** are in the **same** WiFi network.

The Webinterface can be accessed via the following URL:

`http://livy-alive-<ID[6]>.local/`

where `<ID[6]>` is the first 6 characters of the device UUID as found in the App under:



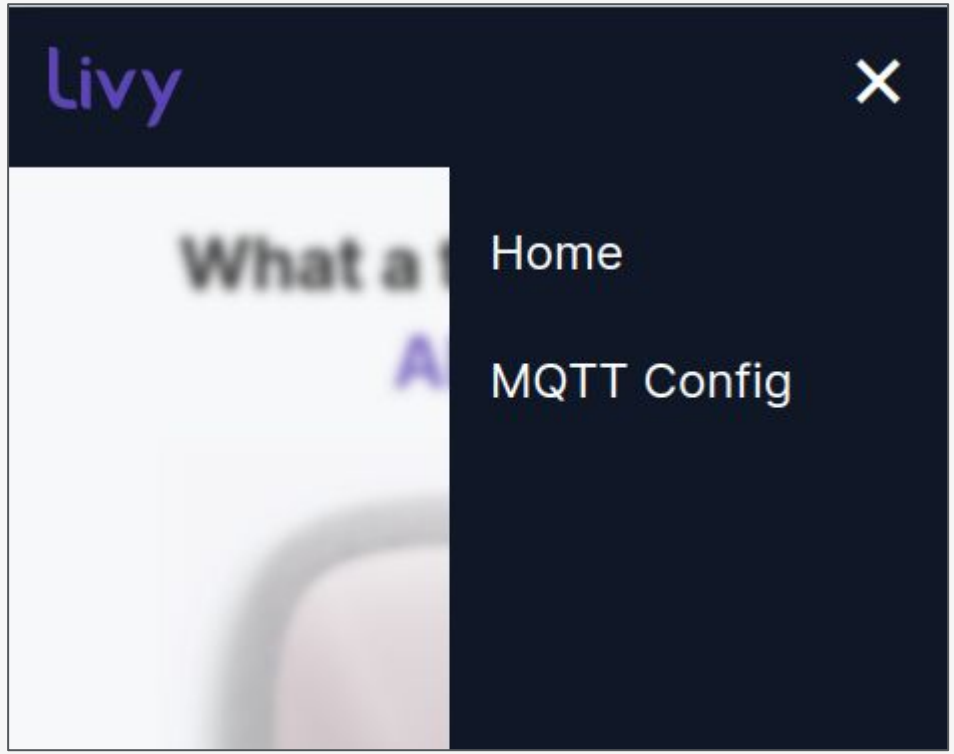
IP Address

Alternatively, the webinterface can also be accessed by entering the IP address of **Alive** in the local network, i.e.:

```
http://192.168.1.23/
```

MQTT Configuration

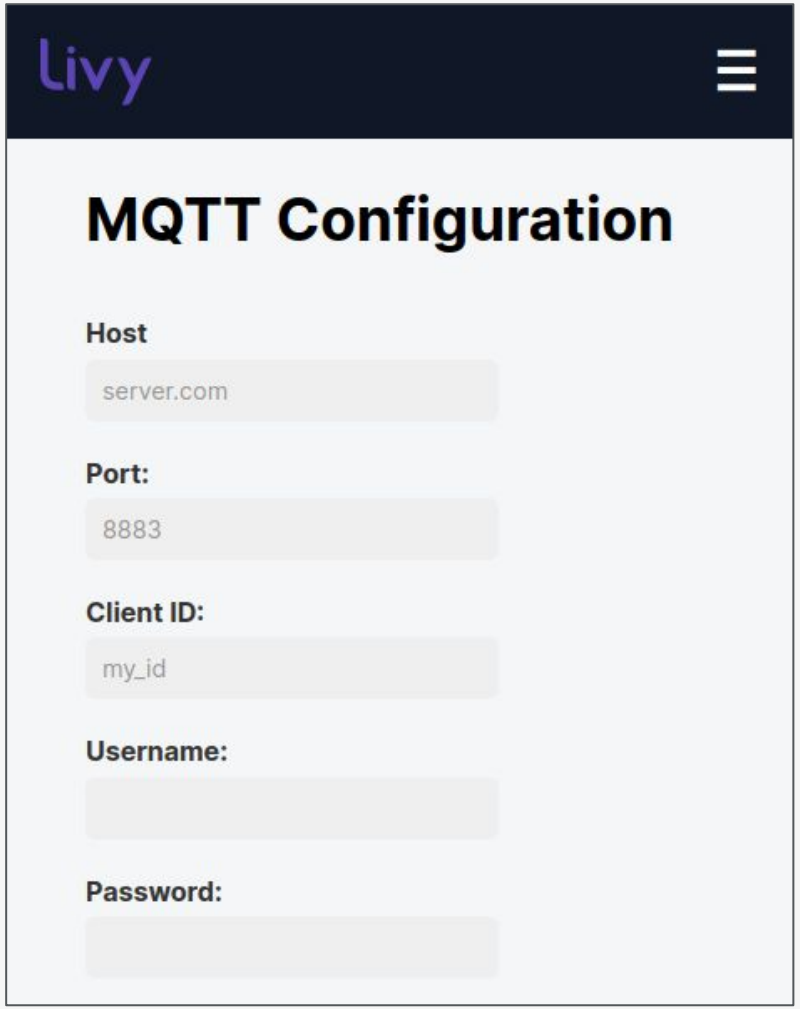
The MQTT broker can be configured via the Webinterface by navigating to MQTT Config.



MQTT Credentials

To set up the MQTT broker provide the following credentials:

- Host (as URL or IP)
- Port (typically 8883 for encrypted connections)
- Client ID (MQTT client identifier)
- Username
- Password



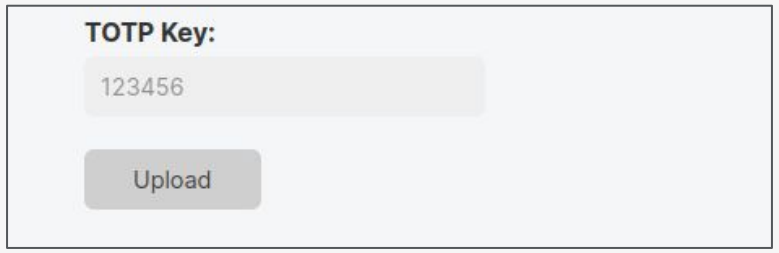
MQTT Certificate

Additionally a server certificate (for the MQTT broker) in PEM format must be provided, e.g.:

TOTP Authentication

In order to submit the MQTT configuration form a **T**ime-based **O**ne-**T**ime-**P**assword (TOTP) must be provided.

The secret (seed) for the TOTPs is *unique* for every device and can be obtained from **HUM**-Systems.



The default configuration for the TOTPs is

- 6 numeric characters in length
- 30 seconds timeout

This, however, may be subject to change in the future.

Submit

After pressing “Upload” the **Alive** will respond with:

Success - Configuration has been accepted and the **Alive** will attempt to connect to the MQTT broker with the provided credentials.

Note: The connection might still fail if the provided credentials are incorrect.

Error - Some of the configuration data is faulty / could not be parsed.

Most often this will be due to incorrect certificates or incorrect TOTPs.