

1. Raspberry mit LAN verbinden
2. Die per DHCP von der Fritzbox bereitgestellte IP herausfinden
(Fritzboxoberfläche, Heimnetz)

3. Zugang über Browser zu Visu(Grafana): <IP>:3000

User: grafana_user

Passwort: grafana_pw

4. Zugang zur Datenbank (InfluxDB): <IP>:8086

User: influx_user

Passwort: influx_pw



s. MQTT-Settings



<IP>:1883
mqtt_user/mqtt_pw
tcp://mqtt5:1883



telegraf



influxdb

<IP>:8086
influx_user/influx_pw
http://influx-influxdb-1:8086



Grafana

<IP>:3000
grafana_user/grafana_pw

Raspberry Pi
christof/christof_pw
ssh://<IP>:22

The screenshot shows the 'MQTT settings' interface. Red circles and numbers highlight specific fields: 1. The 'MQTT prefix' dropdown menu is circled in red, with a red '1' next to it. 2. The 'Server' text input field is circled in red, with a red '2' next to it. 3. The 'Username' and 'Password' text input fields are circled in red, with a red '3' next to them. The 'Save settings' button is at the bottom left.

MQTT settings

☒ Enable

Connection type

No TLS

MQTT prefix

daten

☐ Use client certificate for identification

☒ Enable 'MQTT Control'

Control interface which allows for easier integration with external systems. [Read more](#)

☒ Enable RPC over MQTT

☒ RPC status notifications over MQTT

☒ Generic status update over MQTT

Server

10.0.1.168:1883

Client ID

shellyplus1-a8032ab8e9fc

Username

mqtt_user

Password

Save settings

1 Hier muss zwingend „daten“ eingetragen werden

2 IP des Raspberrys (aus Fritzbox) gefolgt von Port 1883

3 Username: mqtt_user Password: mqtt_pw

Anschließend

Save settings

und danach **REBOOT**

Host: CW
User: christof
Pass: christof_pw
IP: DHCP
SSH (user/pass): christof / christof_pw

MQTT Broker

User: mqtt_user christof
Pass: mqtt_pw christof_pw
Port: 1883

InfluxDB 3

Token: SPIryLp_2qM35A-
GDTE3gEoCtZqAPaiDxPwWglUy6JQ4uU4ctBbMZDsSD3D7kf5F
okBQE4F2mmyx9pvOU7ryTg==

User: influx_user
Pass: influx_pw
Port: 8086
Organisation: Bischoffsheim
Bucket/Datenbank: Temperaturen

API-Token: INFLUX_TOKEN=1wml0Wzrno-VPHxw0N4CSJh42aTAE-
zCCAnAj8BLY_YxsmexXO6_8o7i1HDdAPzDUndCCsejWKq9GJX
eYFDhpQ==

Grafana

User: grafana_user
Pass: grafana_pw

Db-Token: JRLBwdjA3Z72eLtWOLFjIW3pSYX6skcFiJE1jn-
OUaN1r_620iHwC8tmyEtZOmyRxhsPdB6HqYaE7gl72SWLOQ=
=

Einstellungen Datenbankverbindung:

Name ⓘ	influxdb	Default	☒
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Query language

Flux

HTTP

URL

Your access method is *Server*, this means the URL needs to be accessible from the grafana backend/server.

http://influx-influxdb-1:8086

Allowed cookies

Grafana proxy deletes forwarded cookies by default. Specify cookies by name that should be forwarded to the data source.

New tag (enter key to add) Add

Timeout

HTTP request timeout in seconds

Timeout in seconds

Auth

Basic auth	☒	With Credentials ⓘ	☐
TLS Client Auth	☐	With CA Cert ⓘ	☐
Skip TLS Verify	☐		
Forward OAuth Identity ⓘ	☐		

Basic Auth Details

User	influx_user	
Password	configured	Reset

Custom HTTP Headers

+ Add header

InfluxDB Details

Organization	Bischoffsheim	
Token	configured	Reset
Default Bucket	Temperaturen	
Min time interval ⓘ	10s	
Max series ⓘ	1000	