

[MQTT, Nützliche Links](#)

MQTT

Shelly TRV

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- [Shelly TRV mqtt configuration and lovelace configuration](#)
- [Getting started with MQTT and Home Assistant \(and Shelly\)](#)
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TRVs ausschalten

Push reset button for 5-6 sek. Will see AP on screen. Then push shortly once. And device will be switched off.

Retain Message löschen

- von <https://community.home-assistant.io/t/mqtt-event-keeps-coming-back-as-retained-how-to-turn-it-off/300971/30>

For the folks still reading this thread, I've been using MQTT since 2018 and have never experienced the difficulties the OP has reported.

My introduction to MQTT began when I wanted to add MQTT support to an old home automation system. In order to do that, I had to gain a sufficient understanding of MQTT's operation to ensure success. The resulting MQTT converter has worked very reliably and predictably for nearly 3 years now.

What the OP has experienced is anomalous. In my tests, using Developer Tools > Services > MQTT: Publish, to purge a retained message, does indeed work; the topic's payload does not reappear as a retained message.

- Using MQTT Explorer, published a retained message to a new topic.
- Using Developer Tools > Services > MQTT: Publish, published an empty string, as a retained message, to the topic .
- Disconnected/reconnected MQTT Explorer and now the topic and its payload were no longer present (i.e. retained payload removed from the broker's storage).
- Restarted the MQTT Mosquitto Broker Add-On.
- Disconnected/reconnected MQTT Explorer. Topic and its payload did not return and were truly

purged from the broker's storage.

- Using Developer Tools > Services > MQTT: Publish, published a *non*-retained message to the previous topic.
- In MQTT Explorer (already running) it displayed the topic and its payload (*not* as a retained message).

In short, everything worked as expected.

The OP carried out a similar procedure but reported a different outcome, one where the topic always contains a retained message despite attempts to disable it.

There have been reports of performance issues with the MQTT Mosquitto Broker Add-on version 5.1.1 and maybe (just maybe) this is one of its manifestations. I can't say for sure because I still use version 5.1 and it runs flawlessly.

TRV-Liste

Liste der TRV's nach Räumen

Wohnen

Zieltemperatur setzen

- Wohnen-01-alt: -
shellies/shellytrv-60A423D925E8/thermostat/0/command/target_t
- Wohnen-01: -
shellies/shellytrv-60A4239931B4/thermostat/0/command/target_t
- Wohnen-02: -
shellies/shellytrv-84FD271BDE5E/thermostat/0/command/target_t
- Wohnen-03: -
shellies/shellytrv-14B457E5D19E/thermostat/0/command/target_t

Externe Temperatur senden

- Wohnen-01: - shellies/shellytrv-60A423D925E8/thermostat/0/command/ext_t
- Wohnen-02: - shellies/shellytrv-84FD271BDE5E/thermostat/0/command/ext_t
- Wohnen-03: - shellies/shellytrv-14B457E5D19E/thermostat/0/command/ext_t

Schlafen

- shellies/shellytrv-8CF6811873D3/thermostat/0/command/target_t

Flur

Zieltemperatur setzen

- Flur-01: - shellies/shellytrv-84FD276ED9DC/thermostat/0/command/target_t

- Flur-02: - shellies/shellytrv-8CF6811870A3/thermostat/0/command/target_t

Externe Temperatur senden

- Flur-01: - shellies/shellytrv-84FD276ED9DC/thermostat/0/command/ext_t
- Flur-02: - shellies/shellytrv-8CF6811870A3/thermostat/0/command/ext_t

Küche

- shellies/shellytrv-8CF6811C9B49/thermostat/0/command/target_t

Bad

- shellies/shellytrv-8CF6811CA673/thermostat/0/command/target_t

Shellies entdecken

In HA unter [Settings --> Devices & services -> Integrations -> MQTT Configure](#) anklicken.

Folgendes eintragen:

- **Publish a packet:**
Topic: shellies/command
Payload: announce
- **Listen to a topic:**
Topic to subscribe to: shellies/#

Die Ausgabe für ein Shelly TRV sieht wie folgt aus:

[announce](#)

```
{
  "id": "shellytrv-8CF6811CA673",
  "model": "SHTRV-01",
  "mac": "8CF6811CA673",
  "ip": "192.168.178.187",
  "new_fw": false,
  "fw_ver": "20231009-064451/v2.2.1@1e8f2795"
}
```

[status](#)

```
{
  "tmp": {
    "value": 31.5,
    "units": "C",
    "is_valid": true
  },
}
```

```
"target_t": {  
  "enabled": true,  
  "value": 31.0,  
  "units": "C"  
},  
"temperature_offset": 0.0,  
"bat": 94  
}
```

info

```
{  
  "wifi_sta": {  
    "connected": true,  
    "ssid": "FRITZ!Box 6660 Cable DR",  
    "ip": "192.168.178.187",  
    "rssi": -75  
  },  
  "cloud": { "enabled": false, "connected": false },  
  "mqtt": { "connected": true },  
  "time": "10:32",  
  "unixtime": 1698568321,  
  "serial": 0,  
  "has_update": false,  
  "mac": "8CF6811CA673",  
  "cfg_changed_cnt": 0,  
  "actions_stats": { "skipped": 0 },  
  "thermostats": [  
    {  
      "pos": -1.0,  
      "target_t": {  
        "enabled": true,  
        "value": 31.0,  
        "value_op": 8.0,  
        "units": "C"  
      },  
      "tmp": { "value": 31.5, "units": "C", "is_valid": true },  
      "schedule": false,  
      "schedule_profile": 1,  
      "boost_minutes": 0,  
      "window_open": false  
    }  
  ],  
  "calibrated": false,  
  "bat": { "value": 94, "voltage": 3.814 },  
  "charger": true,  
  "update": {  
    "status": "unknown",  
    "has_update": false,  

```

```
"new_version": "20231009-064451/v2.2.1@1e8f2795",
"old_version": "20231009-064451/v2.2.1@1e8f2795",
"beta_version": null
},
"ram_total": 97280,
"ram_free": 30704,
"fs_size": 65536,
"fs_free": 59404,
"uptime": 36579,
"fw_info": {
  "device": "shellytrv-8CF6811CA673",
  "fw": "20231009-064451/v2.2.1@1e8f2795"
},
"ps_mode": 0,
"dbg_flags": 0
}
```

TRV Settings

- [Meine Settings im Forum](#)

Lesen

```
mqtt:
  sensor:
    - name: "Shelly-TRV Bad Target_t"
      unit_of_measurement: "°C"
      #expire_after: 86400
      device_class: temperature
      icon: mdi:home-thermometer-outline
      qos: 1
      state_topic: "shellies/shellytrv-8CF6811CA673/status"
      value_template: "{{ value_json.target_t.value }}"

    - name: "Shelly-TRV Bad Temperatur"
      unit_of_measurement: "°C"
      #expire_after: 86400
      device_class: temperature
      icon: mdi:home-thermometer-outline
      qos: 1
      state_topic: "shellies/shellytrv-8CF6811CA673/status"
      value_template: "{{ value_json.tmp.value }}"

    - name: "Shelly-TRV Bad Batterie"
      unit_of_measurement: "%"
      #expire_after: 86400
      device_class: battery
```

```
icon: mdi:battery
qos: 1
state_topic: "shellies/shellytrv-8CF6811CA673/info"
value_template: "{{ value_json.bat.value }}"
```

Schreiben

```
service: mqtt.publish
data:
  qos: "1"
  retain: false
  topic: shellies/shellytrv-8CF6811CA673/thermostat/0/command/target_t
  payload_template: "{{ states('input_number.temperatur_ziel_hoch')|float(0)
  }}"
```

Lidl-Plug

Dann wählst du dein Zigbee Gerät (Lidl Steckdose) aus

Endpunkt: 1
Cluster-ID: OnOff
Attribut: tuyaBacklightMode
Befehl: write (2)
Value: 1

Dann den Button „Schreiben“ drücken

Im Log erscheint eine Meldung: 2023-04-17 13:41:33Wrote '{„tuyaBacklightMode“:1}' to 'genOnOff'

Mit dem Befehl:

Endpunkt: 1
Cluster-ID: genOnOff
Befehlstyp: Foundation
Befehl: read (0)
Attribut: tuyaBacklightMode
Haken entfernen bei „Ein Wert wird benötigt“
Value: 0

From:
<https://gatonero.duckdns.org/!digitales/> - **Digitales**

Permanent link:
<https://gatonero.duckdns.org/!digitales/digitales:software:homeassistant:mqtt>

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