

ESPHOME

BLE bluetooth tracker (version 1)

hass

```
input_text:
  - ibeacon:
      name: ibeacon
      initial: not received
scripts:
  set_ibeacon:
    sequence:
      - service: input_text.set_value
        data_template:
          entity_id: input_text.ibeacon
          value: "{{ ibeacon }}"
```

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```
esp32_ble_tracker:
  on_ble_advertise:
    - then:
        - homeassistant.service:
            service: script.set_ibeacon
            data:
              ibeacon: !lambda |-
                for (auto data : x.get_manufacturer_datas()) {
                  auto message = hexencode(data.data);
                  ESP_LOGD("ble_adv", "manufacturer_data: %s [%d]",
message.c_str(), message.size());
                  if (message.size() >= 73) {
                    /* ibeacon = e2c56db5-dffb-48d2-b060-d0f5a71096e0 */
                    auto ibeacon = message.substr(6, 2) + message.substr(9, 2)
+ message.substr(12, 2) + message.substr(15, 2) +
                      '-' + message.substr(18, 2) + message.substr(21, 2) +
                      '-' + message.substr(24, 2) + message.substr(27, 2) +
                      '-' + message.substr(30, 2) + message.substr(33, 2) +
                      '-' + message.substr(36, 2) + message.substr(39, 2) +
message.substr(42, 2) + message.substr(45, 2) + message.substr(48, 1);
                    return ibeacon.c_str();
                  }
                }
              return "";
```

BLE bluetooth tracker (version 2)

```
text_sensor:  
  - platform: template  
    name: "BLE ibeacon"  
    id: template_text  
  
esp32_ble_tracker:  
  on_ble_advertise:  
    - then:  
      - lambda: |-  
          for (auto data : x.get_manufacturer_datas()) {  
              auto message = hexencode(data.data);  
              ESP_LOGD("ble_adv", "manufacturer_data: %s [%d]",  
message.c_str(), message.size());  
              if (message.size() >= 73) {  
                  /* ibeacon = e2c56db5-dffb-48d2-b060-d0f5a71096e0 */  
                  auto ibeacon = message.substr(6, 2) + message.substr(9, 2) +  
message.substr(12, 2) + message.substr(15, 2) +  
                      '-' + message.substr(18, 2) + message.substr(21, 2) +  
                      '-' + message.substr(24, 2) + message.substr(27, 2) +  
                      '-' + message.substr(30, 2) + message.substr(33, 2) +  
                      '-' + message.substr(36, 2) + message.substr(39, 2) +  
message.substr(42, 2) + message.substr(45, 2) + message.substr(48, 1);  
                  id(template_text).publish_state(ibeacon.c_str());  
              }  
          }  
      }
```

BLE bluetooth tracker (deprecated)

parameters to change:

- uuid: "02.15.E2.C5.6D.B5.DF.FB.48.D2.B0.60.D0.F5.A7.10.96.E0.00.01.00.02.C8 (23)"
- name: "scipio cell"

```
binary_sensor:  
  - platform: template  
    device_class: presence  
    name: "scipio cell"  
    id: beacon1  
  
script:  
  - id: ble_off_script  
    mode: restart  
    then:  
      - binary_sensor.template.publish:
```

```
        id: beacon1
        state: true
    - delay: 60s
    - binary_sensor.template.publish:
        id: beacon1
        state: false

esp32_ble_tracker:
  on_ble_advertise:
    - then:
      - lambda: |-
          for (auto data : x.get_manufacturer_datas()) {
              if (strcmp(hexencode(data.data).c_str(),
"02.15.E2.C5.6D.B5.DF.FB.48.D2.B0.60.D0.F5.A7.10.96.E0.00.01.00.02.C8 (23)") == 0) {
                  ESP_LOGD("ble_adv", "beacon1 found");
                  id(ble_off_script).execute();
              }
          else
          {
              ESP_LOGD("ble_adv", " - %s", hexencode(data.data).c_str());
          }
      }
```

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