

```
snprintf (msg, 50, "%ld", WiFi.RSSI());
client.publish("mote1/rssi", msg);
```



IP publica



IP privada

10.	<input checked="" type="checkbox"/>	grafana	3000	-	3000	TCP ▾	192.168.2. 30	3000	-	3000
11.	<input checked="" type="checkbox"/>	mosquitto	1883	-	1883	TCP ▾	192.168.2. 30	1883	-	1883



log: Received PUBLISH, 'mote2/imu_temp', ... (5 bytes)
Topic= mote2/imu_temp msg= 29.47
mysql table mote2_imu_temp value 29.47

IP publica



IP privada

10.	<input checked="" type="checkbox"/>	grafana	3000	-	3000	TCP ▾	192.168.2. 30	3000	-	3000
11.	<input checked="" type="checkbox"/>	mosquitto	1883	-	1883	TCP ▾	192.168.2. 30	1883	-	1883



BROKER

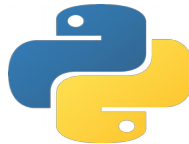
log: Received PUBLISH,
'mote2/imu_temp', ... (5 bytes)



BROKER

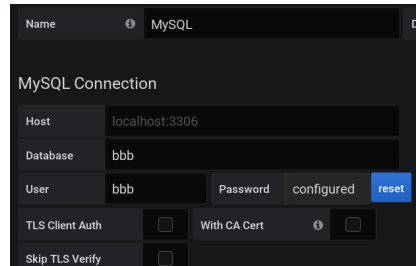
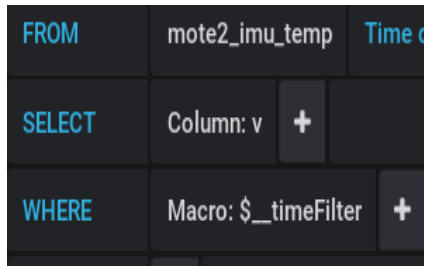
paho





```
import pymysql
import paho.mqtt.client
```

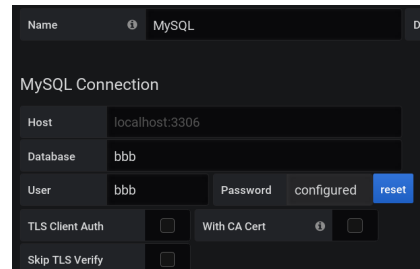
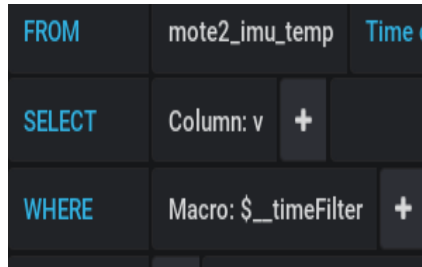
```
def on_message(message):
    mydb("INSERT INTO{} VALUES {}".format(message.topic,
    msg.payload))
```





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import paho.mqtt.client
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```
def on_message(message):
    mydb("INSERT INTO{} VALUES {}".format(message.topic,
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```



```
MariaDB [bbb]> describe motel_rssi;
```

```
+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default |
+-----+-----+-----+-----+
| v     | float  | NO   |     | NULL    |
| date  | timestamp | NO   |     | current_timestamp() |
+-----+-----+-----+-----+
2 rows in set (0.005 sec)
```

```
MariaDB [bbb]> show tables;
```

```
+-----+
| Tables_in_bbb |
+-----+
| motel1_alive   |
| motel1_rssi    |
| motel2_alive   |
| mote2_imu_temp |
| mote2_rssi     |
+-----+
```

```
5 rows in set (0.002 sec)
```



```
MariaDB [bbb]> describe motel_rssi;
```

Field	Type	Null	Key	Default
v	float	NO		NULL
date	timestamp	NO		current_timestamp()

```
2 rows in set (0.005 sec)
```

```
MariaDB [bbb]> show tables;
```

Tables_in_bbb
motel1_alive
motel1_rssi
motel2_alive
motel2_imu_temp
motel2_rssi

```
5 rows in set (0.002 sec)
```



CLIENT