EM Beacons: MQTT Engineering documentation

Start Here:

<https://github.com/KevynKelso/beacon-loc>

Broker information:

* Broker host: 7a454df0d3ed456fbfb6a3d1ed57b14f.s1.eu.hivemq.cloud
* Broker port: 8883
* If you need to connect to this broker, (will need username and password), email me: Kevyn.Kelso@emmicro-us.com

JSON format:

* The broker will accept any MQTT message content and send it out to its subscribers. However, for the website to accept the message, it must be in the following format:

{

“beaconMac”: “<some hex mac address>”, // represent the mac address of the seen device, can be any string

“bridgeCoordinates: [<double>, <double>], // first value in the array is latitude, second is longitude

“bridgeName”: “<some name>”, // can be any string representing the name of the bridge

“rssi”: <number>, // can be any number, however, I have been using integers for testing

“timestamp”: “<14-digit-number>”, // string representing yyyyMMddmmhhss, must be 14 digits long (should be updated to Unix time in a future version)

“pdu”: <number>, // this field is optional

}