.:: Mosquitto MQTT Broker y ESP8266 ::.

Autor

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			Eclipse Mosquitto™ An open source MQTT broker				
Eclipse Mosquitto	is an open source	e (EPL/EDL licensed)	message broker that implements the MQTT	protocol version	ns 5.0. 3.1	I.1 and 3.1. Mo	itta is liebtusiebt
and is suitable for	use on all devices	s from low power sin	ngle board computers to full servers.				osquitto is lightweight
The MQTT protoc	ol provides a light	weight method of c	ngle board computers to full servers. arrying out messaging using a publish/subs evices such as phones, embedded compute	cribe model. Th	is makes i		, ,
The MQTT protoc messaging such a	ol provides a light s with low power :	weight method of ca sensors or mobile de	arrying out messaging using a publish/subs	cribe model. Th	is makes i ollers.	t suitable for Ir	nternet of Things

Objetivo:

Instalar mosquitto y ejecutar ejemplo en ESP8266.

- https://mosquitto.org/

Video Tutorial:

- https://youtu.be/Mn5HzdYEYk0

Instalar Mosquito:

\$ sudo apt-get update

\$ sudo apt install mosquitto

ver donde está ubicado mosquitto:

\$ ps -ef | grep mosquitto

ver estado de mosquitto:

\$ sudo systemctl status mosquitto

reiniciar mosquitto:

\$ sudo systemctl restart mosquitto

ver puertos que esta usando mosquitto:

\$ sudo netstat -tunlp

Instalar cliente en ubuntu para enviar mensajes al broker:

\$ sudo apt install mosquitto-clients

Código de ejemplo para el ESP8266:

- https://github.com/alcarazolabs/surflaweb-scripts/blob/main/Mosquitto-ClienteESP8266-Ejemplo.ino

Enviar mensaje de un topico:

mosquitto_pub -h localhost -t /casa/foco -m 'ON'

* Nota: Si están en un servidor de producción abrir puerto en el firewall:

\$ sudo ufw allow 1883

* Si usa un VPS como DigitalOcean abrir puerto desde el firewall en el panel de control del droplet.

Fuentes:

- https://hostadvice.com/how-to/how-to-install-and-configure-mosquitto-mqtt-on-your-ubuntu-18-04-server/
- http://manpages.ubuntu.com/manpages/trusty/man1/mosquitto_pub.1.html