Update Your System

sudo apt update
sudo apt upgrade -y

Install RaspAP (Wi-Fi Access Point)

curl -sL https://install.raspap.com | bash

When prompted:
Accept default options (press Enter)
Reboot after installation:

sudo reboot

Connect to RaspAP Hotspot

Look for a Wi-Fi network like RaspAP

Default Wi-Fi password: ChangeMe

Connect and go to http://10.3.141.1 in your browser

Default login:
Username: admin
Password: secret

Change SSID & Password

Go to Hotspot > Basic
Change SSID (e.g., MyAP) and password
Save and click Restart Hotspot (best is just sudo reboot)
Reconnect using the new name/password

Install Mosquitto MQTT Broker

sudo apt install -y mosquitto mosquitto-clients
sudo systemctl enable mosquitto

Auto-Start Mosquitto on Boot (usually already enabled)

sudo systemctl enable mosquitto
sudo systemctl start mosquitto

Secure Mosquitto with Username & Password

sudo mosquitto_passwd -c /etc/mosquitto/passwd myuser
* Chage myuser to the username you want
WIll ask you to enter password so enter the password you want
sudo nano /etc/mosquitto/mosquitto.conf

Add following into mosquitto.conf:
allow_anonymous false
password_file /etc/mosquitto/passwd
listener 1883

sudo systemctl restart mosquitto

To test subscriber
mosquitto_sub -h 10.3.141.1 -t test/topic -u username -P password

To test publisher
mosquitto_pub -h 10.3.141.1 -t test/topic -m "hello" -u username -P password