



# Enabling ChatterBox Cloud

You may choose to enable cloud or MQTT on any ChatterBox device. Cloud-enabled devices can become an instant long-distance bridge for your cluster. **You will need an MQTT service.** An inexpensive (or free) option is [shiftr.io](https://shiftr.io)

ChatterBox uses MQTT as a cloud bridge. MQTT is a lightweight messaging protocol, often used for IOT. ChatterBox Supports:

- MQTT 3.1.1
- MQTT/TCP
- 2.4 G WiFi Only
- Tested with [shiftr.io](https://shiftr.io)

*ChatterBox supports both TLS and non-TLS, but remember, it's already **end-to-end encrypting** and **digitally signing** your payloads no matter how the message arrives.*



## 1. Settings / WiFi / Add Connection

WiFi Setup

Scan for a network, provide a password, test the connection, and save it.

Visible Networks

Option 1

Option 2

Status: Chose scan to continue.

WiFi Password: Enter Password...

Scan

Test

Save

Cancel

**Add up to 5 connections**

## 2. Settings / Mesh Cloud / Setup Cloud

Cloud Setup

1. Setup WiFi 2. Add MQTT Info 3. Enable Cloud 4. Finish

☒ MQTT ☒ TLS

Host Name: your.mqtthost.com

Username: MqttUserName

Password: YourMqttPass Port: 8883

Setup WiFi

Enable Cloud

Disable Cloud

Finish

Save MQTT

**Save MQTT, Enable Cloud, Finish**

Once connected, your device will begin using MQTT, in addition to LoRa for connecting with other devices in your cluster or channel.



You can also activate MQTT/Cloud on nodes, by using the command screen as follows:

**1) Push WiFi 2) Enable MQTT**

Send a Command (Experimental)

Send To: matt t.123456

Command: Channel Config

Push WiFi

Enable MQTT

Remote commands must be enabled on receiving device. Different devices support different commands.

