HOW TO GET ON THE HARRIET NETWORK

web edition

INTRODUCTION TO MESHTASTIC

The Meshtastic Web Client is a browser-based app that allows you to control and communicate with your Meshtastic devices directly from your web browser. You can access the hosted version or self-host the Web Client on your local server.

Key Features:

- **Hosted Version:** Use the web client directly from client.meshtastic.org.

- **Self-Hosting:** Set up your own Meshtastic Web Client on a server.

- **Compatible Browsers:** The web client works in all major browsers, with optimal performance on Chromium-based browsers like Google Chrome or Microsoft Edge.

GETTING STARTED WITH MESHTASTIC WEB CLIENT

- **Accessing the Web Client**: Use the hosted version by navigating to client.meshtastic.org in your browser. Alternatively, self-host the Web Client by following the instructions on the GitHub page (Meshtastic GitHub).

- **Compatibility**: The Web Client works best with Chromium-based browsers (e.g., Google Chrome, Microsoft Edge). Bluetooth and USB connections work in these browsers.

Connecting via Bluetooth or Serial (USB):

- **Bluetooth**: Use Web Bluetooth API for connecting via Bluetooth (available in Chromium-based browsers).

- **USB (Serial)**: Connect directly to the device via USB using the Web Serial API, though platform support is limited.

CONNECTING YOUR DEVICE TO THE WEB CLIENT

Via Bluetooth:

- Ensure Bluetooth is enabled on your computer.
- Click the "Connect" button in the Web Client to find your Meshtastic device. (The default Bluetooth password is 123456.)

Via USB (Serial):

- Plug in your Meshtastic device to your computer via USB.
- The Web Client will recognize the device through the Web Serial API.

Via HTTP (for esp32 devices):

- You can also connect via HTTP using the IP address of your device, though it's limited to esp32 devices.
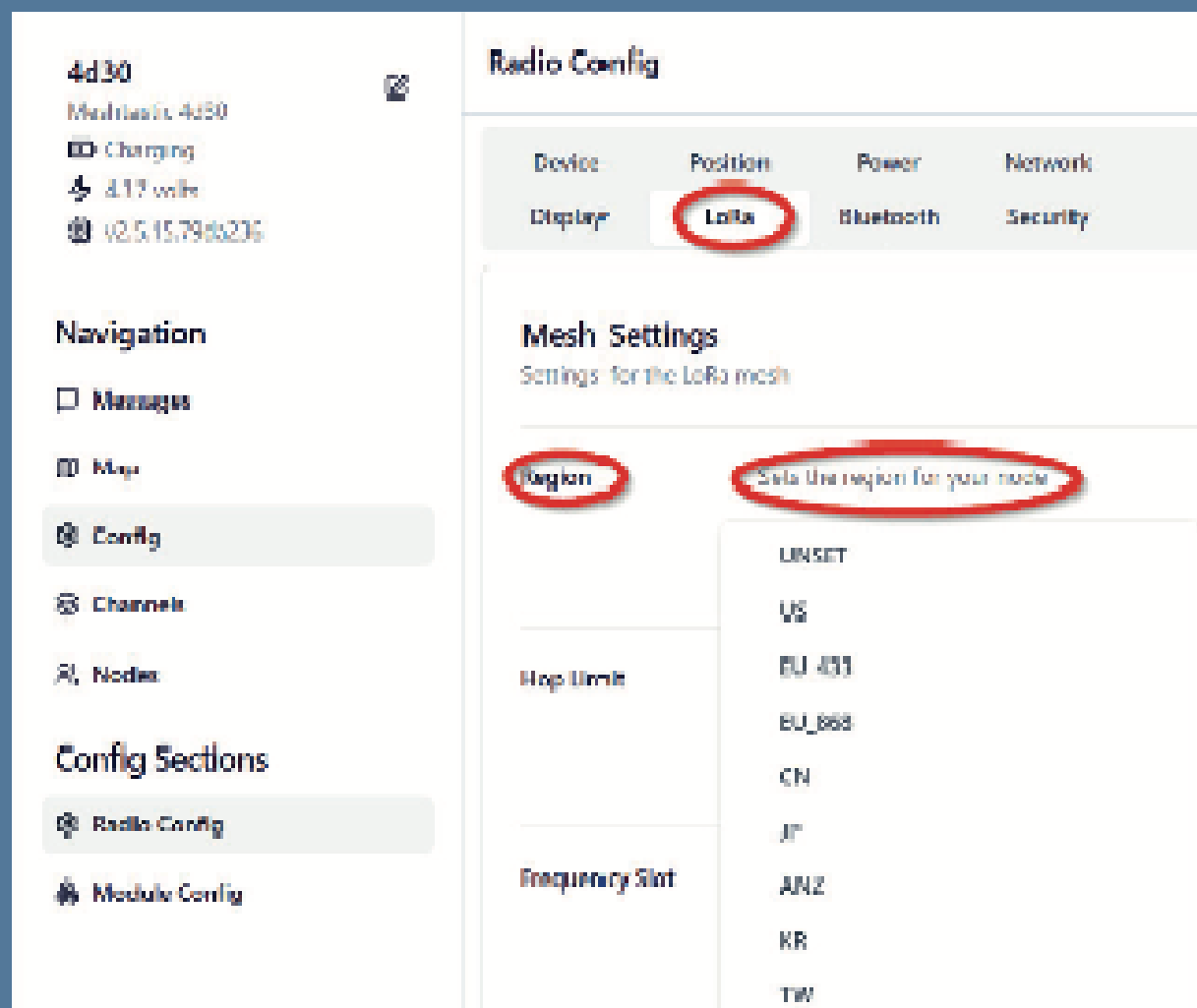- Once connected, the Web Client will display a cloud icon, showing the connection status.

Web Bluetooth

Allows web sites to communicate over GATT with nearby user-selected Bluetooth devices in a secure and privacy-preserving way.

IE	Edge	Firefox	Chrome	Safari	IOS Safari	Opera Mini	Chrome for Android	Android Browser	Samsung Internet
9	139	142	130	18.4	18.4			4.4	26
10	140	143	141	18.5	18.5			4.4.4	27
11	142	144	141	26.0	26.0	all	141	141	28
	145	142	26.1	26.1					

✓ ✗ Partial Support

Global: 81.22% + 0% = 81.22%

Data from caniuse.com | Embed from caniuse.bitsofco.de   25 October 2025
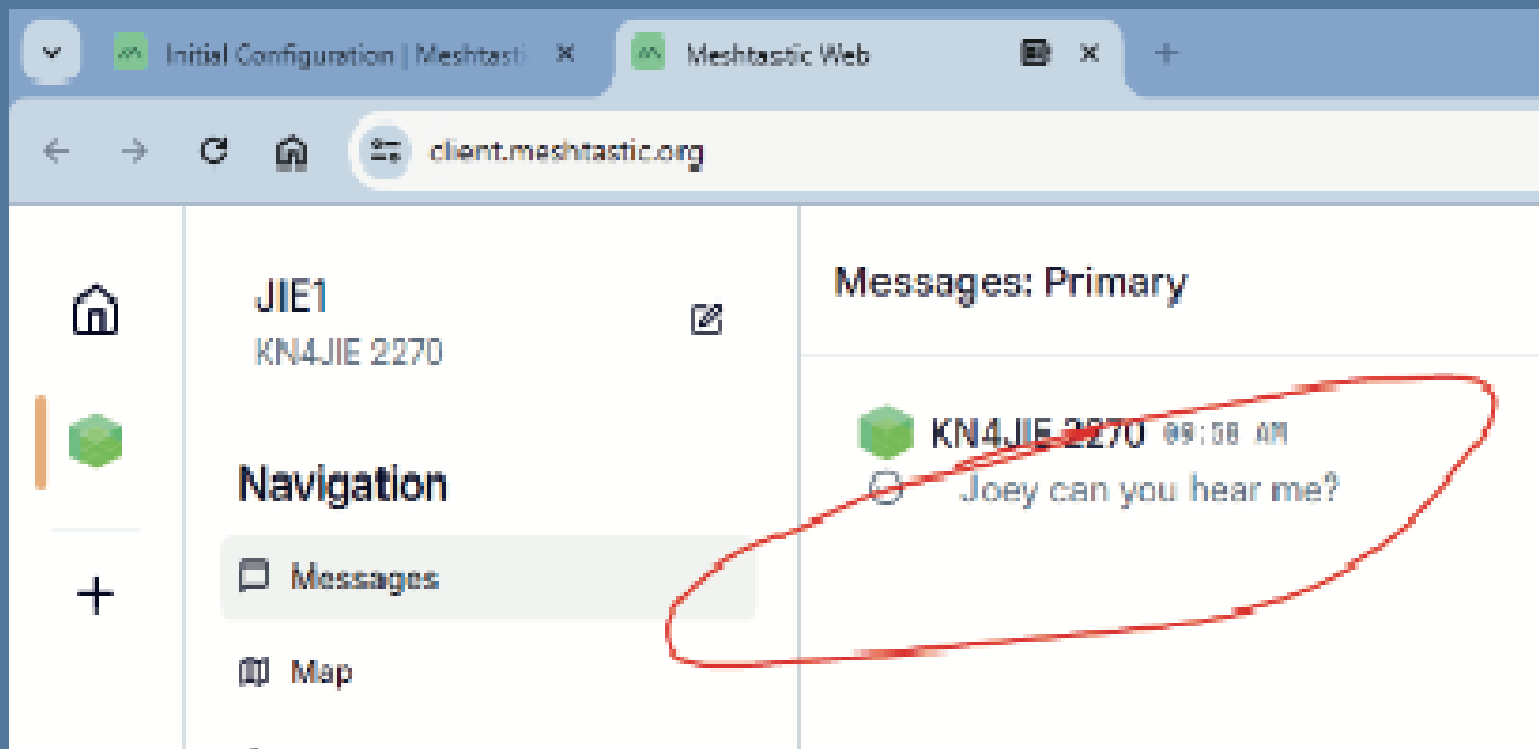
CONFIGURING YOUR DEVICE VIA WEB CLIENT

- **Set Device Region:** In the Settings menu, select the Region that corresponds to your device's location for correct frequency settings.

- **Change Device Name:** Set a unique name for your Meshtastic device to easily identify it in your network.

- **Additional Settings:** Configure any other device settings, such as message types and node information.

SENDING AND RECEIVING MESSAGES

- **Private Messages:** Navigate to the Messages tab, select a contact or device, type your message, and hit Send.

- **Broadcast Messages:** Use the Broadcast option to send messages to all connected devices in your network.

- **View Messages:** Incoming messages are displayed in the Messages tab, showing both private and broadcast messages.

TROUBLESHOOTING AND SUPPORT

COMMON ISSUES:

- **Device Not Connecting:** Ensure your device is powered on and within range. Check the Bluetooth or USB connection settings.

- **Messages Not Sending:** If messages are not sending, check the cloud icon for connection status. Ensure the Web Client is properly connected to your device.

- **Bluetooth Issues:** Make sure your browser supports Web Bluetooth. If the connection fails, try restarting the app or browser.

Support: For further troubleshooting, visit the Meshtastic Help Center or refer to the Meshtastic community forums for advice and support.

To this system we are the nightmare that won't go away... Our presence marks their end and the people's beginning.
-David Johnson

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