Firmware update - Meshtastic

Overview

The **Meteor Pro** operates using the **Meshtastic firmware**.
By it's open source and very successful nature, the Meshtastic firmware evolves rapidly.

> It is **strongly recommended** to follow firmware developments and **keep your device updated** with the latest stable release to ensure optimal performance and compatibility.

Patch notes and firmware release details are available here:

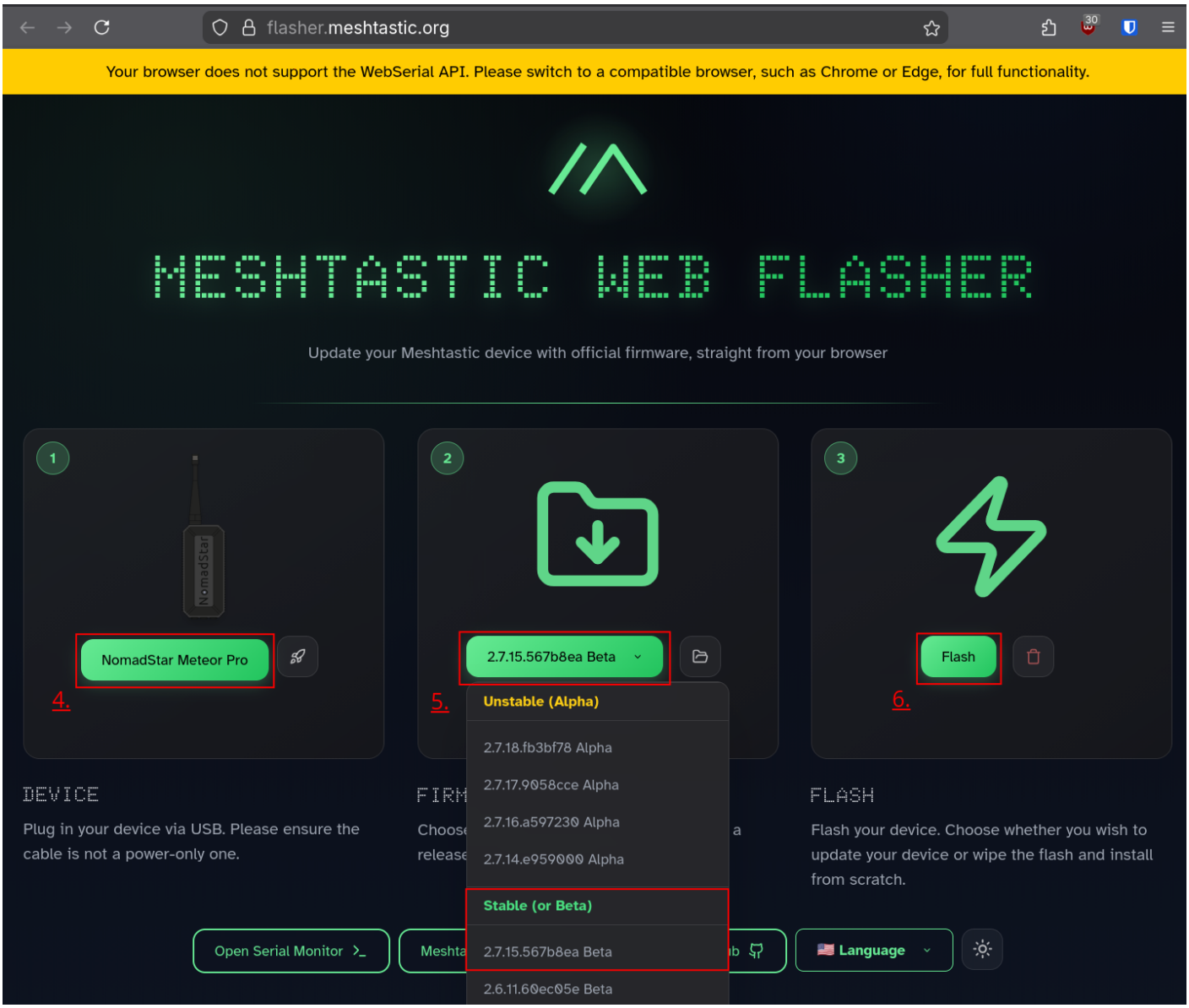
https://github.com/meshtastic/firmware/releases/

Updating the firmware

> Before starting, make sure that your Meteor Pro remains connected during the entire flashing process.
> Interrupting the connection during an update may cause the device to enter an undefined or unrecoverable state.

Step-by-step procedure:

1. Connect your Meteor Pro to your computer using the supplied USB-C cable.
2. Open a browser that supports Web Serial (such as Chrome, Edge, or Opera).
3. Go to the official Meshtastic Flasher website: https://flasher.meshtastic.org
4. In the device list, select **NomadStar Meteor Pro**.
5. Choose the latest stable (Beta) firmware version available.
6. Click “**Flash**”.
7. On the next page, click on "**Enter DFU**".
8. A USB storage device named "**RAK4631**" should appear in our filesystem explorer on your computer.
9. Back to the flasher, click on "**Download UF2**".
10. Copy the UF2 file downloaded on step 9. and copy it on the USB storage "RAK4631".
11. Wait for the USB "RAK4631" storage media to disconnect by itself.
12. Once the USB storage "RAK4631" disappeared, you can safely disconnect the Meteor Pro from your computer.



Important notes

- Do not disconnect the USB cable or close the browser during flashing.
- Ensure your computer remains powered and does not enter sleep mode.
- Only use official Meshtastic firmware or firmware verified by Nomadstar SARL.
- In case of failed updates or unusual behavior, contact Nomadstar support for assistance.

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