

## How do I recover a lost password or a 'bricked' unit?

Using a tool that can reach the reset button through the hole next to the USB port, power the unit on and wait 5 seconds. Press and hold the reset button for 3 seconds.

Telnet into the box at 192.168.1.1 (your host will have to be setup for 192.168.1.2 or equivalent as no DHCP will be running)

You should be able to see the command prompt. If not, try the reset option again. If there is no way to get to the command prompt and your sure that your host is setup on the correct network ip range you may only be able to recover by a more advanced serial protocol.

At the command prompt run:

```
/etc/init.d/boot start      (ignore any error messages there will be many)
mount /dev/sda1 /mnt
cd /mnt
ls
```

You should see a directory listing of the contents of the USB. On the USB memory stick should be the openwrt bin file like:

Openwrt-ar71xx-generic-tl-mr3040-v2-.....bin

(If not look in the /auto\_flash directory for the last numbered bin file.... Eg: \*.bin.# )

Or use the original firmware image for the TP-Link

TL-MR3040-V2-FW0.0.3-stripped.bin (the original TP-Link 3040 firmware. Note you can not just download the firmware form TP-Link and try to flash it directly as there is a boot loader at the beginning. The firmware from TP-Link must be 'stripped' down)

Then write the firmware to the flash memory by typing at the command prompt:

```
mtd write -r FIRMWARE-FILE-NAME firmware
```

Replacing FIRMWARE-FILE-NAME with the correct firmware (or /auto\_flash/\*.bin.# ) you want to write.

After the write is complete the unit will reboot and the new firmware will be run.

If you have booted with an Openwrt-ar71xx-generic-tl-mr3040-ve.....bin, you will have to re-install or re-run the box\_init\_setup.sh as well as reinstalling any h5ai or customizations. If you used the original firmware TL-MR3040-V2-FW0.0.3-stripped.bin then the device will come up with its address at 192.168.0.1 as in the factory case.

NOTE: If you have a version 1 unit (look under the battery for the version number, or you can identify this unit type as having only one switch on one side –power and not the mode switch on the other) Then you can use the same instructions as above, but you must use the Openwrt-ar71xx-generic-tl-mr3040-v1-.... Bin and/or TL-MR3040-V1-FW0.0.3-stripped.bin