

Updated Procedure for Bluetooth PAN on Raspberry Pi Zero 01/21/2020

Headless RPI setup over USB

I used this guide:

<https://desertbot.io/blog/ssh-into-pi-zero-over-usb>

Download a fresh copy of Raspbian Pi and install it to a microSD card of your choice. I used balenaEtcher for convenience.

Enable ssh on the PI by creating an empty file named “ssh” in the /boot/ directory

Run these three commands in your /boot/ directory

```
touch ssh
```

```
echo "dtoverlay=dwc2" >> config.txt
```

If using a MAC then brew install gsed

```
gsed -i 's/rootwait/rootwait modules-load=dwc2,g_ether /g' cmdline.txt
```

LINUX

```
sed -i 's/rootwait/rootwait modules-load=dwc2,g_ether /g' cmdline.txt
```

Boot the PI, wait atleast 60 seconds and ssh into it by using ssh [pi@raspberrypi.local](ssh:pi@raspberrypi.local)
The default password is raspberry

Download my shell script which creates a Bluetooth agent service and BT PAN configuration
Change the “123456” on the second line to your desired PIN

wget <https://raw.githubusercontent.com/msilin/PiZeroBTPAN/master/bt.sh>

The raspberry pi should now be discoverable.