**Steps to setup Raspberry pi**

Go to <https://images.offensive-security.com/arm-images/kali-linux-2019.4-rpi3-nexmon-64.img.xz> and flash it onto an SD card for use on a Raspberry Pi 2 B+ or Raspberry pi with Bluetooth

Log in to Kali using username ‘root’ and password ‘toor’.

Open a command line and type these commands…

sudo apt-get update && sudo apt-get upgrade

sudo apt-get install blueman && sudo apt-get install bluetooth

sudo nano /lib/systemd/system/bluetooth.service

##Now change the line that starts with ExecStart and append “--noplugin=sap” (no quotes)

##Save and exit from Nano

sudo systemctl daemon-reload

sudo service bluetooth restart

sudo service blueooth start

**SIMPLE COMMAND TO GET MAC ADDRESSES BY USING WIFI IN MONITORING MODE**

##Constantly populating list of mac addresses filtered by probe requests or responses which can be used to create your own solution.

sudo tcpdump -i wlan0 -e -s 0 type mgt subtype probe-req | grep -o -E '([[:xdigit:]]{1,2}:){5}[[:xdigit:]]{1,2}'

**OTHER USEFUL COMMANDS**

##puts wlan0 into monitor mode

monstart

##Scan for probe and everything else in nice table

airodump-ng wlan0

##See paired bluetooth devices

bluetoothctl

scan on ##searches for local bluetooth devices

scan off ##stops the scan

discoverable on ##RUN ON THE OTHER DEVICE you are trying to connect to!!!!!

devices ##shows local bluetooth devices you can connect to after scanning

pair MAC\_ADDRESS ##will pair with device that is in discoverable mode.

trust MAC\_ADDRESS ##will ensure both devices automatically connect when on and in range in future.

paired-devices ##shows the paired devices.

connect AA:AA:AA:AA:AA:AA ##connects to a specified bluetooth device with that MAC addresses

##In order to automatically accept incoming files

##open bluetooth Devices GUI, click 'View' menu button, click 'Local Services', there you can change download folder and auto acceptions.

blueman-sendto --device MAC\_ADDRESS\_HERE /local/path/of/file/to/send.txt