# Creating a WiFi and Bluetooth Access Point

## Objective

Set up a secure access point via WiFi and Bluetooth on Raspberry Pi, which will serve as a gateway in the network.

## Commands

sudo apt install hostapd dnsmasq bluez -y  
sudo systemctl stop hostapd  
sudo systemctl stop dnsmasq

## WiFi Configuration

Create a file `/etc/hostapd/hostapd.conf`:  
  
interface=wlan0  
driver=nl80211  
ssid=DMZ\_Secure\_Hotspot  
hw\_mode=g  
channel=6  
wpa=2  
wpa\_passphrase=StrongPassword123

## Activate Configuration

sudo sed -i 's|#DAEMON\_CONF=""|DAEMON\_CONF="/etc/hostapd/hostapd.conf"|' /etc/default/hostapd

## Bluetooth Configuration

sudo systemctl start bluetooth  
sudo bluetoothctl  
pairable on  
discoverable on

## Importance

5/5