

<https://cdn-learn.adafruit.com/downloads/pdf/setting-up-a-raspberry-pi-as-a-wifi-access-point.pdf>

```
apt-get install hostapd isc-dhcp-server iptables-persistent
```

```
edit /etc/dhcp/dhcpd.conf
```

Comentar

```
#option domain-name "example.org";  
#option domain-name-servers ns1.example.org, ns2.example.org;
```

Find the lines that say

```
# If this DHCP server is the official DHCP server for the local  
# network, the authoritative directive should be uncommented.  
#authoritative;
```

and remove the # so it says

```
# If this DHCP server is the official DHCP server for the local  
# network, the authoritative directive should be uncommented.  
authoritative;
```

```
subnet 192.168.42.0 netmask 255.255.255.0 {  
    range 192.168.42.10 192.168.42.50;  
    option broadcast-address 192.168.42.255;  
    option routers 192.168.42.1;  
    default-lease-time 600;  
    max-lease-time 7200;  
    option domain-name "local";  
    option domain-name-servers 8.8.8.8, 8.8.4.4;  
}
```

```
sudo nano /etc/default/isc-dhcp-server
```

```
INTERFACES=""
```

and update it to say

```
INTERFACES="wlan0"
```

Comentamos wlan0 en /etc/network/interfaces

```
iface wlan0 inet static
```

```
address 192.168.42.1  
netmask 255.255.255.0
```

Creamos el fichero nuevo:

```
/etc/hostapd/hostapd.conf
```

Con el adaptor wifi interno raspi3 comentamos la línea de driver:

```
interface=wlan0
#driver=rtl871xdrv
ssid=Pi_AP
country_code=US
hw_mode=g
channel=6
macaddr_acl=0
auth_algs=1
ignore_broadcast_ssid=0
wpa=2
wpa_passphrase=Raspberry
wpa_key_mgmt=WPA-PSK
wpa_pairwise=CCMP
wpa_group_rekey=86400
ieee80211n=1
wme_enabled=1
```

Añadimos al fichero

```
/etc/default/hostapd
```

La línea:

```
DAEMON_CONF="/etc/hostapd/hostapd.conf"
```

```
/etc/init.d/hostapd
DAEMON_CONF=/etc/hostapd/hostapd.conf
```

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