

Wifi as client

By default d-diot is configured to use the Wifi module in [access point mode](#). Follow this guide to configure the wifi as a standard client for you already existent wifi network.

Disable hostapd and dnsmasq

```
pi@d-diot:~ $ sudo systemctl stop dnsmasq
pi@d-diot:~ $ sudo systemctl disable dnsmasq
pi@d-diot:~ $ sudo systemctl stop hostapd
pi@d-diot:~ $ sudo systemctl disable hostapd
```

Set the DHCP client for the wlan0 interface

```
pi@d-diot:~ $ sudo nano /etc/dhcpd.conf
```

Comment out (#) the following lines at the end of the file, then save and exit

[/etc/dhcpd.conf](#)

```
#interface wlan0
#   static ip_address=192.168.10.1/24
#   nohook wpa_supplicant
```

Restart the dhcp client service to load the new configuration

```
pi@d-diot:~ $ sudo systemctl daemon-reload
pi@d-diot:~ $ sudo systemctl restart dhcpd
```

Disable routing

```
pi@d-diot:~ $ sudo nano /etc/sysctl.conf
```

Comment out (#) the following line then save and exit

[/etc/sysctl.conf](#)

```
#line net.ipv4.ip_forward=1
```

Disable Masquerade

```
pi@d-diot:~ $ sudo nano /etc/rc.local
```

Comment out (#) the following line then save and exit

[/etc/rc.local](#)

```
#iptables-restore < /etc/iptables.ipv4.nat
```

Configure wpa supplicant

```
pi@d-diot:~ $ sudo nano /etc/wpa_supplicant/wpa_supplicant.conf
```

Add the following lines then save and exit

[/etc/wpa_supplicant/wpa_supplicant.conf](#)

```
ctrl_interface=DIR=/var/run/wpa_supplicant GROUP=netdev
update_config=1
country=YOUR_COUNTRY

network={
    ssid="YOUR_NETWORK"
    psk="YOUR_PASSWORD"
}
```

Change the [country code](#), ssid and password according to your needs and then reboot the Pi

```
pi@d-diot:~ $ sudo reboot
```

From: <https://wiki.d-diot.com/> - **d-diot wiki**

Permanent link: https://wiki.d-diot.com/system_administration/common_operation/wifi_client

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