

Quick Start Guide for starting Soft-AP or station in bridge mode

(A) How to add bridge:

The command creates a new instance of the Ethernet bridge

```
brctl addbr br0
```

The command will make the interface wlan0 a port of the bridge br0

```
brctl addif br0 wlan0
```

The command sets the bridge's "bridge forward delay" to zero seconds

```
brctl setfd br0 0
```

(B) Soft-AP in bridge mode:

(1) Add an additional configuration parameter, bridge, in the rtl_hostapd.conf file
bridge=br0

(2) The others are the same with normal Soft-AP mode. Please reference
"Quick_Start_Guide_for_SoftAP.pdf" to get complete information.

(C) The station in bridge mode:

(1) start wpa_supplicant daemon with bridge name to replace one without bridge name in the background
wpa_supplicant -Dwext -iwlan0 -c /tmp/net/wpa.conf -b br0 -B

(2) The others are the same with normal station mode. Please reference
"wpa_cli_with_wpa_supplicant.pdf" to get complete information.

(D) The bridge br0 may include multiple ports. Suggest set IP address at br0.

(1) Static ip address
ifconfig br0 192.168.0.1

(2) DHCP get ip address from DHCP server
dhclient br0