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. This means that all frames received on wlan0 will be processed as if destined for the bridge.

    brctl　addif　br0　wlan0

    # The command will make the interface eth0 a port of the bridge br0.

    brctl　addif　br0　eth0

    # 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