

## ENTBox: changing the name of the WiFi network

The name of the network is in the file  
**/etc/hostapd/entbox.conf**

```
# This is the name of the WiFi interface we configured above  
interface=wlan0
```

```
# Use the nl80211 driver with the brcmfmac driver  
driver=nl80211
```

```
# This is the name of the network  
ssid=entbox put here the new name for the Wifi network
```

```
# Use the 2.4GHz band  
hw_mode=g
```

```
# Use channel 6  
channel=6
```

```
# Enable 802.11n  
ieee80211n=1
```

```
# Enable WMM  
wmm_enabled=1
```

```
# Enable 40MHz channels with 20ns guard interval  
ht_capab=[HT40][SHORT-GI-20][DSSS_CCK-40]
```

```
# Accept all MAC addresses  
macaddr_acl=0
```

```
# Use WPA authentication  
auth_algs=1
```

```
# Require clients to know the network name  
ignore_broadcast_ssid=0
```

```
# Use WPA2  
wpa=2
```

```
# Use a pre-shared key  
wpa_key_mgmt=WPA-PSK
```

```
# The network passphrase  
wpa_passphrase=raspberry
```

```
# Use AES, instead of TKIP  
rsn_pairwise=CCMP
```

Now the opening window after rebooting does not list correctly the new name: to get the new name printed on the screen please

rename /home/pi/entbox.sh to entbox.sh.org (mv /home/pi/entbox.sh /home/pi/entbox.sh.org)  
put my entbox.sh\_new instead of it and rename it to entbox.sh

OR

edit manually the file

**/home/pi/entbox.sh**

```
#!/bin/bash  
clear
```

```
NOMDURESEAU=$(grep -m1 ssid= /etc/hostapd/entbox.conf | sed s/ssid=//)
```

```
MYHOST=$(hostname -I)
```

```
IFS=" " read var1 var2 <<< "$MYHOST"
```

```
[ -f /var/www/html/ModeAP.html ] && echo -e "ENTBOx : Mode Hotspot\n\nLe rapsberry pi emet  
son propre réseau wifi.\n\n-Etape 1 : Les participants se connectent au réseau wifi indiqué ci  
dessous\n\n"
```

```
echo -e "  Nom du réseau : " $NOMDURESEAU\n
```

```
echo -e "\n  Mot de passe : raspberry\n\n-Etape 2 : Les participants entrent dans leur navigateur  
l'adresse suivante : " || echo -e "ENTBOx : Mode Ethernet\n\nEtape 1 : Branchez avec un câble
```

```
ethernet le raspberry PI sur un routeur Wifi\nEtape 2 : Les participants doivent : \n\n  - se  
connecter sur ce routeur wifi pour être dans le même réseau\n  - rentrer l adresse suivante dans le  
navigateur web \n"
```

```
echo -e "  ====="
```

```
echo "  Adresse de connexion"
```

```
[ -f /var/www/html/ModeAP.html ] && MYHOST="172.24.1.1 " || MYHOST=$var1
```

```
echo "  " $MYHOST
```

```
echo -e "  =====\n"
```

```
echo -e "Le panneau d'administration se trouve à l'adresse" $MYHOST/admin
```

```
sed -e "s/IPDUSERVEUR/$MYHOST/" /var/www/html/service/wp-config.php >
```

```
/var/www/html/blog/wp-config2.php
```

```
sed -e "s/ //" /var/www/html/blog/wp-config2.php > /var/www/html/blog/wp-config.php
```

```
sed -e "s/IPDUSERVEUR/$MYHOST/" /var/www/html/service/config.php >
```

```
/var/www/html/owncloud/config/config2.php
```

```
sed -e "s/[t ]//g;/^$/d" /var/www/html/owncloud/config/config2.php >
```

```
/var/www/html/owncloud/config/config.php
```

```
sed -e "s/IPDUSERVEUR/$MYHOST:8080/" /var/www/html/service/index.html > /var/www/html/  
etherpad/index2.html
```

```
sed -e "s/ :8080/:8080/" /var/www/html/etherpad/index2.html > /var/www/html/etherpad/index.html
```

```
sed -e "s/IPDUSERVEUR/$MYHOST:8080/" /var/www/html/service/indexgroups.html >  
/var/www/html/etherpad/groups/indexgroups2.html  
sed -e "s/ :8080/:8080/" /var/www/html/etherpad/groups/indexgroups2.html >  
/var/www/html/etherpad/groups/index.html
```

```
sed -e "s/IPDUSERVEUR/$MYHOST/" /var/www/html/service/LocalSettings.php >  
/var/www/html/mediawiki/LocalSettings2.php  
sed -e 's/[ \t ]//g;/^$/d' /var/www/html/mediawiki/LocalSettings2.php >  
/var/www/html/mediawiki/LocalSettings.php
```

```
sed -e "s/IPDUSERVEUR/$MYHOST:5724/" /var/www/html/service/redirect2.html >  
/var/www/html/wikipedia/redirect2.html  
sed -e "s/ :5724/:5724/" /var/www/html/wikipedia/redirect2.html >  
/var/www/html/wikipedia/redirect.html
```

```
cd /var/www/kiwix  
sudo bash kiwix.sh &> /dev/null
```