

WBD 900Mhz configuration

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Description

If you want to see 900Mhz channels in dropdown list, need to use Wili-CPE or Wili-AP skins. Also need to add this keys via expert mode:

```
device.limitband.1.bands.1.band=900
device.limitband.1.bands.1.status=enabled
device.limitband.1.devname=ath0
device.limitband.1.status=enabled

device.limitband.status=enabled
```

Then save, back to skin mode, reboot and will get your 900 Mhz channels.

Supported radios:

- 900 - Z-COM GZ-901
- 900SR - Ubiquiti SR9
- 900XR - Ubiquiti XR9
- WMR365 - DBII F33

Configuration sample

AP_(Master).cfg

```
#####
# Configuration created by skin
# Skin: wili-ap, version: 5.23.20559
# WBD_900Mhz_configuration
#####

#
# Section: aaa
aaa.status=disabled
```

WBD_900Mhz_configuration

```
#
# Section: bridge
bridge.1.ageing=300
bridge.1.devname=br0
bridge.1.fd=1
bridge.1.hello=20
bridge.1.maxage=300
bridge.1.port.1.devname=eth0
bridge.1.port.1.status=enabled
bridge.1.port.2.devname=ath0
bridge.1.port.2.status=enabled

bridge.1.status=enabled
bridge.1.stp.status=disabled

bridge.ip6tables=disabled
bridge.iptables=disabled
bridge.status=enabled

#
# Section: device
device.limitband.1.bands.1.band=900
device.limitband.1.bands.1.status=enabled
device.limitband.1.devname=ath0
device.limitband.1.status=enabled

device.limitband.status=enabled

#
# Section: dhcpd
dhcpd.1.devname=br0
dhcpd.1.status=disabled

dhcpd.status=enabled

#
# Section: discoveryd
discoveryd.status=enabled

#
# Section: dnsmasq
dnsmasq.1.devname=ath0
dnsmasq.1.status=enabled

dnsmasq.status=enabled

#
# Section: ebtables
ebtables.status=disabled

#
# Section: httpd
httpd.backlog=100
httpd.external.status=disabled
httpd.max.connections=50
httpd.max.request=51200

httpd.port.admin=444
httpd.port.http=80
httpd.port.https=443
```

WBD_900Mhz_configuration

```
httpd.status=enabled
httpd.verbose=disabled

#
# Section: netconf
netconf.1.devname=br0
netconf.1.ip=192.168.1.30
netconf.1.mode=wan
netconf.1.netmask=255.255.255.0
netconf.1.status=enabled
netconf.1.type=bridge
netconf.1.up=enabled

netconf.2.devname=ath0
netconf.2.ip=0.0.0.0
netconf.2.mode=lan
netconf.2.netmask=255.255.255.255
netconf.2.status=enabled
netconf.2.type=wireless
netconf.2.up=enabled

netconf.3.devname=ixp1
netconf.3.ip=0.0.0.0
netconf.3.mode=wan
netconf.3.netmask=255.255.255.255
netconf.3.status=enabled
netconf.3.type=ethernet
netconf.3.up=enabled

netconf.4.devname=eth0
netconf.4.ip=0.0.0.0
netconf.4.netmask=255.255.255.255
netconf.4.status=enabled
netconf.4.up=enabled

netconf.5.devname=eth1
netconf.5.ip=0.0.0.0
netconf.5.netmask=255.255.255.255
netconf.5.status=enabled
netconf.5.up=enabled

netconf.status=enabled

#
# Section: radio
radio.1.acktimeout=25
radio.1.autochannel.1.channel=10
radio.1.autochannel.1.status=enabled
radio.1.autochannel.status=enabled

radio.1.chanattr.1.bw=full
radio.1.chanattr.1.channel=8
## real output 908 MHz
radio.1.chanattr.1.freq=2452
radio.1.chanattr.1.status=enabled
radio.1.chanattr.2.bw=full
radio.1.chanattr.2.channel=9
## real output 913 MHz
radio.1.chanattr.2.freq=2457
radio.1.chanattr.2.status=enabled
radio.1.chanattr.3.bw=full
radio.1.chanattr.3.channel=10
```

WBD_900Mhz_configuration

```
## real output 918 MHz
radio.1.chanattr.3.freq=2462
radio.1.chanattr.3.status=enabled
radio.1.chanattr.4.bw=full
radio.1.chanattr.4.channel=11
## real output 923 MHz
radio.1.chanattr.4.freq=2467
radio.1.chanattr.4.status=enabled

radio.1.channel=10
radio.1.devname=ath0
radio.1.frag=off
radio.1.ieee_mode=PUREG
radio.1.mode=master
radio.1.parent=wifi0
radio.1.rate.auto=enabled
radio.1.rate.max=54M

radio.1.rts=off
radio.1.status=enabled
radio.1.turbo=disabled
radio.1.txpower=20

radio.countrycode=US
radio.status=enabled

#
# Section: resolv
resolv.status=enabled

#
# Section: route
route.1.devname=br0
route.1.gateway=192.168.1.10
route.1.ip=0.0.0.0
route.1.netmask=0
route.1.status=enabled

route.status=enabled

#
# Section: rssid
rssid.devname=ath0
rssid.status=disabled

#
# Section: skin
skin.active=wili-ap
skin.editing.mode=skin
skin.management.1.devname=eth0
skin.management.2.devname=ath0
skin.management.vlan.status=disabled

skin.version=5.23.20559

#
# Section: snmpd
snmpd.contact=contact
snmpd.name=name
snmpd.rocommunity=public
snmpd.ropassword=password
snmpd.rouser=public
```

WBD_900Mhz_configuration

```
snmpd.status=enabled

#
# Section: sshd
sshd.port=22
sshd.status=enabled

#
# Section: statsd
statsd.status=enabled

#
# Section: syslog
syslog.file=/var/log/messages
syslog.file.msg.level=info
syslog.file.umask=077

syslog.fwd.status=disabled
syslog.rotate.at.size=102400
syslog.rotate.status=true

syslog.status=enabled

#
# Section: users
users.1.name=admin
users.1.password=oHS13yqR.t1uQ
users.1.status=enabled

users.status=enabled

#
# Section: vlan
vlan.status=disabled

#
# Section: vssid
vssid.status=disabled

#
# Section: wds
wds.1.parent=ath0
wds.1.status=disabled

wds.status=disabled

#
# Section: wireless
wireless.1.devname=ath0
wireless.1.fastframes=disabled
wireless.1.frameburst=disabled
wireless.1.inter_isolation=disabled
wireless.1.l2_isolation=disabled
wireless.1.max_clients=64
wireless.1.security=none
wireless.1.ssid=www.wilibox.com
wireless.1.ssid_broadcast=enabled
wireless.1.status=enabled
wireless.1.wmm=disabled

wireless.status=enabled
```

WBD_900Mhz_configuration

STA_(Managed).cfg

```
#####  
# Configuration created by skin  
# Skin: wili-cpe, version: 5.23.20559  
# WBD_900Mhz_configuration  
#####  
  
#  
# Section: aaa  
aaa.status=disabled  
  
#  
# Section: bandwidth  
bandwidth.status=disabled  
  
#  
# Section: bridge  
bridge.1.ageing=300  
bridge.1.devname=br0  
bridge.1.fd=1  
bridge.1.hello=20  
bridge.1.maxage=300  
bridge.1.port.1.devname=ath0  
bridge.1.port.1.status=enabled  
bridge.1.port.2.devname=eth0  
bridge.1.port.2.status=enabled  
  
bridge.1.status=enabled  
bridge.1.stp.status=disabled  
  
bridge.arptables=disabled  
bridge.ip6tables=disabled  
bridge.iptables=disabled  
bridge.status=enabled  
bridge.vlan=disabled  
  
#  
# Section: device  
device.mode=bridge  
  
device.limitband.1.bands.1.band=900  
device.limitband.1.bands.1.status=enabled  
device.limitband.1.devname=ath0  
device.limitband.1.status=enabled  
device.limitband.status=enabled  
  
#  
# Section: dhcp-fwd  
dhcp-fwd.client.1.status=disabled  
dhcp-fwd.server.1.status=disabled  
dhcp-fwd.status=disabled  
  
#  
# Section: dhcpc  
dhcpc.1.devname=br0  
dhcpc.1.status=disabled  
  
dhcpc.status=disabled  
  
#  
# Section: dhcpd
```

STA_(Managed).cfg

WBD_900Mhz_configuration

```
dhcpcd.status=disabled

#
# Section: discoveryd
discoveryd.status=enabled

#
# Section: dnsmasq
dnsmasq.1.devname=br0
dnsmasq.1.status=disabled

dnsmasq.status=disabled

#
# Section: ebtables
ebtables.rule.1.chain=PREROUTING
ebtables.rule.1.in=ath0
ebtables.rule.1.status=enabled
ebtables.rule.1.t.arpnat_target=ACCEPT
ebtables.rule.1.table=nat
ebtables.rule.1.target=arpnat

ebtables.rule.2.chain=POSTROUTING
ebtables.rule.2.out=ath0
ebtables.rule.2.status=enabled
ebtables.rule.2.t.arpnat_target=ACCEPT
ebtables.rule.2.table=nat
ebtables.rule.2.target=arpnat

ebtables.rule.3.chain=BROUTING
ebtables.rule.3.protocol=0x888e
ebtables.rule.3.status=enabled
ebtables.rule.3.table=broute
ebtables.rule.3.target=DROP

ebtables.status=enabled

#
# Section: httpd
httpd.backlog=100
httpd.external.status=disabled
httpd.max.connections=50
httpd.max.request=51200

httpd.port.admin=444
httpd.port.http=80
httpd.port.https=443

httpd.status=enabled
httpd.verbose=disabled

#
# Section: netconf
netconf.1.devname=br0
netconf.1.ip=192.168.1.31
netconf.1.mode=lan
netconf.1.netmask=255.255.255.0
netconf.1.status=enabled
netconf.1.type=bridge
netconf.1.up=enabled

netconf.2.devname=ath0
```

WBD_900Mhz_configuration

```
netconf.2.ip=0.0.0.0
netconf.2.mode=lan
netconf.2.netmask=255.255.255.255
netconf.2.status=enabled
netconf.2.type=wireless
netconf.2.up=enabled

netconf.3.devname=eth0
netconf.3.ip=0.0.0.0
netconf.3.mode=lan
netconf.3.netmask=255.255.255.255
netconf.3.status=enabled
netconf.3.type=ethernet
netconf.3.up=enabled

netconf.status=enabled

#
# Section: pppoe
pppoe.1.status=disabled
pppoe.status=disabled

#
# Section: radio
radio.1.acktimeout=48
radio.1.autochannel.status=disabled

radio.1.chanattr.1.bw=full
radio.1.chanattr.1.channel=8
## real output 908 MHz
radio.1.chanattr.1.freq=2452
radio.1.chanattr.1.status=enabled
radio.1.chanattr.2.bw=full
radio.1.chanattr.2.channel=9
## real output 913 MHz
radio.1.chanattr.2.freq=2457
radio.1.chanattr.2.status=enabled
radio.1.chanattr.3.bw=full
radio.1.chanattr.3.channel=10
## real output 918 MHz
radio.1.chanattr.3.freq=2462
radio.1.chanattr.3.status=enabled
radio.1.chanattr.4.bw=full
radio.1.chanattr.4.channel=11
## real output 923 MHz
radio.1.chanattr.4.freq=2467
radio.1.chanattr.4.status=enabled

radio.1.devname=ath0
radio.1.frag=off
radio.1.ieee_mode=PUREG
radio.1.mode=managed
radio.1.parent=wifi0
radio.1.rate.auto=enabled
radio.1.rate.max=54M

radio.1.rts=off
radio.1.rx_antenna=1
radio.1.rx_antenna_diversity=disabled
radio.1.status=enabled
radio.1.turbo=disabled
radio.1.tx_antenna=1
```

WBD_900Mhz_configuration

```
radio.1.tx_antenna_diversity=disabled
```

```
radio.1.txpower=20
```

```
radio.countrycode=US
```

```
radio.status=enabled
```

```
#
```

```
# Section: resolv
```

```
resolv.status=disabled
```

```
#
```

```
# Section: route
```

```
route.1.devname=br0
```

```
route.1.gateway=192.168.1.10
```

```
route.1.ip=0.0.0.0
```

```
route.1.netmask=0
```

```
route.1.status=enabled
```

```
route.status=enabled
```

```
#
```

```
# Section: skin
```

```
skin.active=wili-cpe
```

```
skin.version=5.23.20559
```

```
#
```

```
# Section: sshd
```

```
sshd.port=22
```

```
sshd.status=enabled
```

```
#
```

```
# Section: syslog
```

```
syslog.file=/var/log/messages
```

```
syslog.file.msg.level=info
```

```
syslog.file.umask=077
```

```
syslog.status=enabled
```

```
#
```

```
# Section: users
```

```
users.1.name=admin
```

```
users.1.password=oHS13yqR.tluQ
```

```
users.1.status=enabled
```

```
users.status=enabled
```

```
#
```

```
# Section: wds
```

```
wds.1.parent=ath0
```

```
wds.1.status=disabled
```

```
wds.status=disabled
```

```
#
```

```
# Section: wireless
```

```
wireless.1.compression=disabled
```

```
wireless.1.devname=ath0
```

```
wireless.1.fastframes=disabled
```

```
wireless.1.frameburst=disabled
```

```
wireless.1.inter_isolation=disabled
```

```
wireless.1.l2_isolation=disabled
```

```
wireless.1.ssid=www.wilibox.com
```

WBD_900Mhz_configuration

```
wireless.1.ssid_broadcast=enabled
wireless.1.status=enabled
wireless.1.wmm=disabled

wireless.status=enabled

#
# Section: wpa_supplicant
wpa_supplicant.keys=enabled
wpa_supplicant.profile.1.status=disabled
wpa_supplicant.status=disabled
wpa_supplicant.timestamp=enabled
wpa_supplicant.verbose=4
wpa_supplicant.wait_for_interface=enabled
skin.editing.mode=skin
```

Configuration files

AP(master).cfg

STA(managed).cfg