

## qMp (Quick Mesh Project) - Packages - Error #481

### LAN bridge consistently gets 169.254.185.1 address during qmp\_autoconf

04/29/2020 07:03 PM - Roger Pueyo Centelles

<b>Status:</b>	Tancat	<b>Start date:</b>	04/29/2020
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Roger Pueyo Centelles	<b>% Done:</b>	100%
<b>Category:</b>	Network	<b>Estimated time:</b>	10.00 hours
<b>Target version:</b>	5.0.0 "Leverage"	<b>Spent time:</b>	14.00 hours
<b>Description</b>			
Instead of 172.30.22.1, it gets 169.254.185.1.			

#### Associated revisions

##### Revision b45499e1 - 07/06/2020 07:26 PM - Roger Pueyo Centelles

[qmp-system] Fix viface for 2.4 GHz 80211s\_aplan radios

On first boot, routers with a single 2.4 GHz radio had it auto-configured as 80211s\_aplan, with interface wlan0 as 80211s and wlan0ap as AP. However, the wlan0 interface was wrongly considered as being inside the virtual interface (viface) "lan" instead of "mesh\_w0". This was a corner case in the qmp\_get\_virtual\_iface() function, which ultimately made rescue\_ip 169.254.x.y to be incorrectly assigned to "br-lan" instead of "mesh\_w0".

Fixes #481.

Signed-off-by: Roger Pueyo Centelles <[roger.pueyo@quifi.net](mailto:roger.pueyo@quifi.net)>

##### Revision 03cabbb7 - 07/07/2020 04:59 PM - Roger Pueyo Centelles

[qmp-system] Get wifi devices for qmp\_get\_wifi\_devices() also from ubus.

Continues 7c75474ed496fd5e6bffa9c9823b8d825490cf50, cb7fd04423ce05fa64b96efb6667421b33bf100c, 6c5212f16880ac84359532fdebd518b26cede3e3 and b45499e1dc4ef962120a9f5970be99a7d19f8cef.

Fixes #481.

Signed-off-by: Roger Pueyo Centelles <[roger.pueyo@quifi.net](mailto:roger.pueyo@quifi.net)>

##### Revision 1ff5c11a - 07/07/2020 05:24 PM - Roger Pueyo Centelles

[qmp-system] Get wifi devices for qmp\_get\_wifi\_devices() also from ubus.

Continues 7c75474ed496fd5e6bffa9c9823b8d825490cf50, cb7fd04423ce05fa64b96efb6667421b33bf100c, 6c5212f16880ac84359532fdebd518b26cede3e3 and b45499e1dc4ef962120a9f5970be99a7d19f8cef.

Fixes #481.

Signed-off-by: Roger Pueyo Centelles <[roger.pueyo@quifi.net](mailto:roger.pueyo@quifi.net)>

#### History

##### #1 - 05/04/2020 06:46 PM - Roger Pueyo Centelles

- Category set to Network
- Target version set to 5.0.0 "Leverage"
- Estimated time set to 10.00 h

Observed on a single-2.4 GHz radio device with 2 switched Ethernet ports (eth0.1, eth0.2).

AP radio is correct, but 802.11 radio is in the wrong network:

```
config wifi-iface 'wlan0'
option device 'radio0'
option mode 'mesh'
option mesh_id 'qMp'
option ifname 'wlan0'
option mesh_fwding '0'
option encryption 'none'
option network 'lan'
```

```
config wifi-iface 'wlan0ap'
option device 'radio0'
option mode 'ap'
option ssid 'qMp-AP'
option network 'lan'
option encryption 'none'
option ifname 'wlan0ap'
```

## #2 - 05/04/2020 11:27 PM - Roger Pueyo Centelles

- % Done changed from 0 to 20

After this:

```
log "[Initial qMp system configuration]"
qmp_configure_initial
```

Config is OK.

After this:

```
log "[Full qMp system configuration]"
qmp_configure
```

Config is wrong.

## #3 - 07/06/2020 11:50 PM - Roger Pueyo Centelles

- Status changed from Nou to Tancat

- % Done changed from 20 to 100

Aplicat en el conjunt de canvis [b45499e1dc4ef962120a9f5970be99a7d19f8cef](https://github.com/rogerpueyo/qmp/commit/b45499e1dc4ef962120a9f5970be99a7d19f8cef).

## #4 - 07/07/2020 12:53 PM - Roger Pueyo Centelles

Fixed by the following commits:

- [507d2adbfbccaca22896c177093ad9de7b90f8bc2](https://github.com/rogerpueyo/qmp/commit/507d2adbfbccaca22896c177093ad9de7b90f8bc2)
- [6c5212f16880ac84359532fdebd518b26cede3e3](https://github.com/rogerpueyo/qmp/commit/6c5212f16880ac84359532fdebd518b26cede3e3)
- [b45499e1dc4ef962120a9f5970be99a7d19f8cef](https://github.com/rogerpueyo/qmp/commit/b45499e1dc4ef962120a9f5970be99a7d19f8cef)

Tested on a Nexx WT3020-8M

## #5 - 07/07/2020 05:00 PM - Roger Pueyo Centelles

The information source for `qmp_get_wifi_devices` is sometimes slow to report the wireless devices information:

```
root@qMp-b38c:~# wifi; ubus call network.wireless status | jsonfilter -e '@.*.interfaces.*.section' | sort; ec
ho "#####"; qmp_get_wifi_devices
wlan0
wlan1
wlanlap
#####
wlan0 wlan1 wlanlap
root@qMp-b38c:~# wifi; ubus call network.wireless status | jsonfilter -e '@.*.interfaces.*.section' | sort; ec
ho "#####"; qmp_get_wifi_devices
wlan0
wlan1
wlanlap
#####
wlan1 wlanlap #<== wlan0 missing!
```

while `ubus` seems to report it always on time. Therefore, `ubus` should [also] be used as the wifi devices list source in `qmp_get_wifi_devices`. Finally, in [03cabb736658bd501ed7e0a28694f142f2c752a](https://github.com/rogerpueyo/qmp/commit/03cabb736658bd501ed7e0a28694f142f2c752a).