

qMp (Quick Mesh Project) - Packages - Error #484

Switched Ethernet devices with all ports in one VLAN are not correctly handled during autoconfiguration

12/01/2020 12:52 PM - Roger Pueyo Centelles

Status:	Tancat	Start date:	12/01/2020
Priority:	Alta	Due date:	
Assignee:	Roger Pueyo Centelles	% Done:	100%
Category:	Network	Estimated time:	4.00 hours
Target version:	5.0.0	Spent time:	4.00 hours
Description			
For example, EdgeSwitch 8 XP has eth0 with 8 switch ports on eth0.1 inside br-lan, and eth1 on its own. Instead of using eth0.1 as LAN device, it puts eth0, which is incorrect and does not work.			

Associated revisions

Revision b3ea015d - 12/01/2020 07:36 PM - Roger Pueyo Centelles

[qmp-system] Wait for default interfaces in qmp_configure_smart_network

In slow devices with switched interfaces, (e.g., eth0.1.), these take some seconds to appear under /sys/class/net after a network restart. Therefore, default OpenWrt interfaces, which are well-known to exist from /etc/board.json, seem to not be there, and qmp_configure_smart_network skips them.

By waiting for the known interfaces in \$default_lan and \$default_wan to appear under /sys/class/net we get proper interfaces detection:

```
-----  
Starting smart networking configuration  
-----
```

Default device network:

```
- LAN eth0.1  
- WAN eth1  
Waiting for eth0.1... (0)  
Waiting for eth0.1... (1)  
Waiting for eth0.1... (2)  
Network devices found:  
- LAN eth0.1  
- MESH eth0.1 eth1  
- WAN eth1  
- NO VLAN eth0.1 eth1  
... done!
```

Fixes #484

Signed-off-by: Roger Pueyo Centelles <roger.pueyo@guifi.net>

History

#1 - 12/01/2020 07:45 PM - Roger Pueyo Centelles

- Status changed from *Nou* to *Resolt*
- % Done changed from 0 to 100
- Estimated time changed from 2.00 h to 4.00 h

Fixed in [b3ea015da20b31f89faa1ceff3e8f10a79c007bf](https://github.com/guifi/qmp/commit/b3ea015da20b31f89faa1ceff3e8f10a79c007bf).

In slow devices with switched interfaces, (e.g., eth0.1.), these take some seconds to appear under /sys/class/net after a network restart. Therefore, default OpenWrt interfaces, which are well-known to exist from /etc/board.json, seem to not be there, and qmp_configure_smart_network skips them.

By waiting for the known interfaces in \$default_lan and \$default_wan to appear under /sys/class/net we get proper interfaces detection:

```
-----
```

Starting smart networking configuration

Default device network:

- LAN eth0.1

- WAN eth1

Waiting for eth0.1... (0)

Waiting for eth0.1... (1)

Waiting for eth0.1... (2)

Network devices found:

- LAN eth0.1

- MESH eth0.1 eth1

- WAN eth1

- NO VLAN eth0.1 eth1

... done!

#2 - 12/01/2020 07:46 PM - Roger Pueyo Centelles

- Status changed from Result to Tancat