

## qMp (Quick Mesh Project) - Packages - Característica #482

### primary\_device on devices with DSA networking

07/02/2020 02:48 PM - Roger Pueyo Centelles

<b>Status:</b>	Nou	<b>Start date:</b>	07/02/2020
<b>Priority:</b>	Baixa	<b>Due date:</b>	
<b>Assignee:</b>	Roger Pueyo Centelles	<b>% Done:</b>	0%
<b>Category:</b>	Network	<b>Estimated time:</b>	4.00 hours
<b>Target version:</b>	6.0	<b>Spent time:</b>	1.00 hour
<b>Description</b>			
MT7621-based devices now use DSA networking, so eth0 is no longer present for most of them. Therefore, eth0 should only be added to primary_device as a very last option:			
<pre>root@qMp-99c2:/# head -n15 /etc/config/qmp  config qmp 'interfaces'     option lan_devices 'lan1 lan2'     option mesh_devices 'eth0 lan1 lan2 wan'     option wan_devices 'wan'     option no_vlan_devices 'eth0 lan1 lan2 wan'  config qmp 'node'     option primary_device 'eth0'     option device_name 'qMp'     option append_id '1'     option prepend_cnm '1'     option key '/tmp/qmp_key'     option elevation '0'     option latitude '0.0'</pre>			

### History

#### #1 - 07/04/2020 04:45 PM - Roger Pueyo Centelles

```
root@OpenWrt:/# ifconfig -a
br-lan    Link encap:Ethernet  HWaddr 00:00:00:00:00:C2
          inet addr:192.168.1.1  Bcast:192.168.1.255  Mask:255.255.255.0
          [...]

eth0      Link encap:Ethernet  HWaddr 00:00:00:00:00:C2
          [...]
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:132 errors:0 dropped:0 overruns:0 frame:0
          TX packets:63 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:22365 (21.8 KiB)  TX bytes:8856 (8.6 KiB)
          Interrupt:21

lan1      Link encap:Ethernet  HWaddr 00:00:00:00:00:C2
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:113 errors:0 dropped:0 overruns:0 frame:0
          TX packets:26 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:17480 (17.0 KiB)  TX bytes:3774 (3.6 KiB)

lan2      Link encap:Ethernet  HWaddr 00:00:00:00:00:C2
          UP BROADCAST MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
```

```
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
```

```
wan Link encap:Ethernet HWaddr 00:00:00:00:00:C3
[...]
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:19 errors:0 dropped:0 overruns:0 frame:0
TX packets:20 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:2509 (2.4 KiB) TX bytes:2830 (2.7 KiB)
```

```
root@OpenWrt:/# ip link show
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP qlen 1000
    link/ether 00:00:00:00:00:c2 brd ff:ff:ff:ff:ff:ff
3: lan2@eth0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue master br-lan state LOWERLAYERDOWN qlen 1000
    link/ether 00:00:00:00:00:c2 brd ff:ff:ff:ff:ff:ff
4: lan1@eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue master br-lan state UP qlen 1000
    link/ether 00:00:00:00:00:c2 brd ff:ff:ff:ff:ff:ff
5: wan@eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP qlen 1000
    link/ether 00:00:00:00:00:c3 brd ff:ff:ff:ff:ff:ff
8: br-lan: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP qlen 1000
    link/ether 00:00:00:00:00:c2 brd ff:ff:ff:ff:ff:ff
```