

## Qualcomm Linux Modems by Quectel & Co - Support #4135

### how to use network inside ec20

07/30/2019 10:43 AM - chengj

<b>Status:</b>	New	<b>Start date:</b>	07/30/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>			
<b>Target version:</b>			
<b>Spec Reference:</b>			

#### Description

After i login to Quectel EC20's Linux system, i can't using it's network.  
ifconfig show:

```
-----
root@mdm9607-perf:~# ifconfig
bridge0 Link encap:Ethernet HWaddr 4A:D7:82:52:24:37
inet addr:192.168.225.1 Bcast:192.168.225.255 Mask:255.255.255.0
inet6 addr: fe80::48d7:82ff:fe4f:2134/64 Scope:Link
UP BROADCAST MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:1 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 B) TX bytes:76 (76.0 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:28 errors:0 dropped:0 overruns:0 frame:0
TX packets:28 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:2828 (2.7 KiB) TX bytes:2828 (2.7 KiB)
rmnet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
UP RUNNING MTU:2000 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)
root@mdm9607-perf:~#
```

and route show:

```
-----
root@mdm9607-perf:~# route
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.168.225.0 * 255.255.255.0 U 0 0 0 bridge0
-----
```

How can i active the network? For example: ping xxxxxxxx.

#### History

#1 - 07/31/2019 11:20 AM - laforge

I suspect you would want to establish a PDP/PDN context from the host PC, just like you would always do? I don't really think anyone here can help you. Just because two osmocom team members had looked at some EC20 modems a few years ago doesn't mean we're still working with them or have more insights. However, if you find out something, feel free to add any additional findings to the wikig for the benefit of others.