

[SRU] Test Report for -proposed Packages- LP#1955797

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Tests

Focal (20.04)

Tested Platform: Lenovo ThinkEdge SE30(11ND)

Test Procedure

1. Use a Lenovo platform SE30 including 4G Quectel EM160 modem
2. Install Ubuntu Focal system then upgrade the system

```
$ sudo apt update
$ sudo apt upgrade
```

3. Updating network-manager suite from the **-proposed** channel

Add the APT source:

```
$ cat <<EOF >/etc/apt/sources.list.d/ubuntu-$(lsb_release -cs)-proposed.list
# Enable Ubuntu proposed archive
deb http://archive.ubuntu.com/ubuntu/ $(lsb_release -cs)-proposed restricted main multiverse
universe
EOF
```

Update then restart network-manager

```
$ sudo apt update
$ sudo apt install network-manager
$ dpkg -l | grep network-manager
ii network-manager 1.22.10-1ubuntu2.3 amd64 network management framework
(daemon and userspace tools)

$ sudo reboot
```

4. Enable 4G modem and connect mobile network

```
$ sudo mmcli -i 0 --pin=0000
$ sudo mmcli --modem 0 --enable
$ sudo mmcli -m 0 --simple-connect="pin=0000,apn=emome"
$ sudo nmcli radio wwan on
$ sudo nmcli connection add type gsm ifname wwan0p2MBIM con-name mymodem apn
emome
$ sudo nmcli connection up id mymodem
```

4. Check if the MTU got from the following results are the same:

```
$ sudo mmcli --bearer 5 | grep mtu
| mtu: 1500

$ ifconfig mhi_mbim0 | grep mtu
mhi_mbim0: flags=209<UP,POINTOPOINT,RUNNING,NOARP> mtu 1500
```

Expected result: both MTUs are the same value