OsmoBSC - Bug #5842

ipa: investigate NSVC local and remote port configuration difference with wireshark dissector

12/22/2022 07:17 PM - lynxis

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Description

While looking into OML traces between osmo-bsc and osmo-bts the wireshark displays NSVC link configuration different than the osmo-bsc is configured. osmo-bts works as osmo-bsc is configured.

The question:

Is only wireshark wrong, but ipa nanobts, osmo-bts, osmo-bsc works as expected?

or

Does wireshark and ipa nanobts have a different understanding than osmo-bts and osmo-bsc?

Please test with osmo-bsc with a ip.access nanobts and configure different local and remote udp ports and see if it works.

e.g. bsc config:

```
network
  bts 0
  [..]
gprs nsei 102
gprs nsvc 0 nsvci 102
gprs nsvc 0 local udp port 23100
gprs nsvc 0 remote ip 192.168.1.44
gprs nsvc 0 remote udp port 23000
gprs nsvc 1 nsvci 202
gprs nsvc 1 local udp port 23102
gprs nsvc 1 remote ip 192.168.1.44
gprs nsvc 1 remote udp port 23001
```

Wireshark will display local udp port and remote udp port switched in the OML obj (0xf2, 0x0, 0x0), PDU IPA Set Attributes.

History

#1 - 12/22/2022 07:18 PM - lynxis

- Subject changed from ipa: investigate NSVC local and remote port configuration to ipa: investigate NSVC local and remote port configuration difference with wireshark dissector