As noted in Port Numbers, osmo-pcap-server and osmo-bts are listening on the same ctrl interface port.

osmo-pcap-server fails to start if osmo-bts is also running:

```
<0005> ../../../src/libosmocore/src/socket.c:939 unable to bind socket:127.0.0.1:4238: Address already in use
<0005> ../../../src/libosmocore/src/socket.c:950 no suitable addr found for: 127.0.0.1:4238
<0005> ../../../../src/libosmocore/src/vty/telnet_interface.c:100 Cannot bind telnet at 127.0.0.1:4238
<0001> ../../../src/osmo-pcap/src/osmo_server_main.c:298 Failed to bind telnet interface
```

This caused repo-install-test to fail sometimes, so I'm disabling it there until this is resolved.

How should this be fixed, can we change the default port of osmo-pcap-server?

Do we even care if both can be started with the default config?

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**Associated revisions**

Revision eedd83c1 - 08/05/2021 05:24 PM - osmith

Change default ports of client, server

Resolve conflict with other Osmocom software by moving ports:

- osmo-pcap-client 4237 -> 4227
- osmo-pcap-server 4238 -> 4228

Notably the defines OSMO_VTY_PORT_PCAP_CLIENT and _SERVER are currently not provided by libosmocore, but will be added with the related commit.

Related: OS#5203
Related: libosmocore I098f211370bba61995ce424ab64029bdd4c49e2d
Change-Id: I3b18b1fbbca2799f68f28104e2f5d513f93d46c

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**History**

#1 - 07/29/2021 02:20 PM - osmith

Disabling the service for repo-install-test: https://gerrit.osmocom.org/c/osmo-ci/+/25100

#2 - 08/03/2021 07:36 AM - laforge

- Assignee set to osmith
- Priority changed from Low to Normal

I think we should change the default ports to be unique. There are few known users of osmo-pcap to begin with, and probably much fewer using its CTRL interface. I wasn't even aware there was one..

A quick grep also indicated there is no CTRL interface, and in fact your log snippet above talks about the VTY interface. Same applies here: let's change the port number.
laforge wrote:

I think we should change the default ports to be unique. […]

Done: https://gerrit.osmocom.org/q/topic:pcap-4227-4228

A quick grep also indicated there is no CTRL interface, and in fact your log snippet above talks about the VTY interface. Same applies here: let’s change the port number.

Right, I read the wiki table wrong and assumed that it’s a CTRL port.

I’ve also adjusted the wiki: https://osmocom.org/projects/cellular-infrastructure/wiki/Port_Numbers