

osmo-pcap - Bug #4317

external tests not enabled in jenkins.sh

12/10/2019 02:39 PM - osmith

Status:	New	Start date:	12/10/2019
Priority:	Low	Due date:	
Assignee:		% Done:	10%
Category:			
Target version:			
Spec Reference:			

Description

The external tests are not running in jenkins. As time of writing, they were broken because the config paths were wrong. I'll submit a patch to fix that.

With that fix, the first 3 tests are running now. However, it fails later:

```
Failed to verify src/osmo-pcap-client -c /home/user/code/osmo-dev/src/osmo-pcap/doc/examples/osmo-pcap-client/osmo-pcap-client-tls.cfg
Current directory: /home/user/code/osmo-dev/src/osmo-pcap
Error was [Errno 111] Connection refused
```

Running the command manually:

```
$ src/osmo-pcap-client -c /home/user/code/osmo-dev/src/osmo-pcap/doc/examples/osmo-pcap-client/osmo-pcap-client-tls.cfg
<0005> ../../../../src/libosmocore/src/vty/telnet_interface.c:104 Available via telnet 127.0.0.1 4237
<0001> osmo_client_core.c:296 Failed to open the device: any: You don't have permission to capture on that device (socket: Operation not permitted)
<0001> osmo_client_core.c:234 Filter will only be applied later.
Error occurred during reading the below line:
pcap filter host www.google.com
```

Failed to set the device.

```
<0001> osmo_client_main.c:236 Failed to parse the config file: /home/user/code/osmo-dev/src/osmo-pcap/doc/examples/osmo-pcap-client/osmo-pcap-client-tls.cfg
```

With setcap, the tests are passing:

```
$ sudo setcap 'CAP_NET_RAW+eip CAP_NET_ADMIN+eip' src/osmo-pcap-client
```

However, sudo is not configured in docker, so we can't do that in jenkins.sh.

History

#1 - 12/10/2019 02:42 PM - osmith

- % Done changed from 0 to 10

Patches submitted to improve the situation:

- <https://gerrit.osmocom.org/c/osmo-pcap/+/16531>: fix config paths, so the tests are passing again
- <https://gerrit.osmocom.org/c/osmo-pcap/+/16532>: document how to run the tests (using setcap first)

Here is how I would have enabled the tests with setcap in jenkins, but this does not work as described above:

- <https://gerrit.osmocom.org/c/osmo-pcap/+/16533>