Cellular Network Infrastructure - Bug #5809

applications disrespect potentially VTY-configured tcp/telnet port

12/05/2022 06:25 PM - laforge

<table>
<thead>
<tr>
<th>Status:</th>
<th>Feedback</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>arehbein</td>
</tr>
<tr>
<td>Category:</td>
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<td>Target version:</td>
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<td>Spec Reference:</td>
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Start date: 12/05/2022
Due date:
% Done: 90%

Description

Originally we had the telnet_init() function, which later on was replaced by telnet_initdynif() - both requiring the application to know the TCP port (and possibly local address)

Later we added VTY commands for this, and there is telnet_init_default() which uses vty_get_bind(port,addr)() to make sure the VTY-configured IP/port are used.

The problem is that most if not all applications still use telnet_init_dynif() to which they pass the "normal" port like OSMO_VTY_PORT_HNODEB.

This means the user may configure a different port in the VTY, but that port won't actually be used.

All the osmo-* projects need to be converted to telnet_init_default().

We should also [marc ase] deprecate the old telnet_init() and telnet_init_dynif() functions for exactly that reason.

History

#1 - 12/19/2022 10:46 PM - arehbein
- Status changed from New to Feedback
- % Done changed from 0 to 90

Here's the list of repositories I created patches for (if they contained the function as a definition or call):

- libosmocore
- osmo-bsc
- osmo-bts
- osmo-ccid-firmware
- osmocom-bb
- osmo-dev
- osmo-e1-hardware
- osmo-gbproxy
- osmo-gsm-manuals
- osmo-hlr
- osmo-ast4-dfu
- osmo-bsc-nat
- osmo-cbc
- osmo-ci
- osmocom-lcs
- osmo-e1d
- osmo-e1-recorder
- osmo-ggsn
- osmo-gsm-tester
- osmo-hnbgw

#2 - 12/20/2022 08:17 AM - osmith

Note: it's good practice to link related patches in the issue. In case there are a lot of patches like here, a topic name can be used.

#3 - 12/20/2022 09:03 AM - arehbein

osmith I was wondering about something like that, thanks for the hint! Is it possible to change the topic by pushing for the same Change-ID, but with another topic? Also, what would a good topic be... the issue number maybe (OS_5809)?
arehbein wrote in #note-3:

Is it possible to change the topic by pushing for the same Change-ID, but with another topic?

Sure. You can change it through webUI. Or if you push via git-review it'll take branch name as a topic.

arehbein wrote in #note-3:

Also, what would a good topic be... the issue number maybe (OS_5809) ?

That would work, or something more descriptive like telnet_init_default.

arehbein wrote in #note-3:

Is it possible to change the topic by pushing for the same Change-ID, but with another topic?

Sure. You can change it through webUI. Or if you pish via git-review it'll take branch name as a topic.

I tried but I suppose unless I change the patch itself, the server will reject pushing the same change with a different topic. Even for my second patchset on libosmocore it only worked because I used git push --no-thin.