

osmo-gbproxy - Feature #4953

test with SGSN-side IP-SNS and diferent NS-VC for control + user plane

01/16/2021 10:19 PM - laforge

Status: Resolved	Start date: 01/16/2021
Priority: High	Due date:
Assignee: laforge	% Done: 100%
Category:	
Target version:	
Spec Reference:	
Description	
As we know, many production deployments have SGSN architectures with clear control / user plane split.	
In such situations, IP-SNS of the SGSN informs us of two (classes of) IP endpoints:	
<ul style="list-style-type: none">• some that have control_weight > 0 and data_weight 0• some that have control_weight 0 and data_weight > 0	
We need to be able to emulate this from our "SGSN Role" NS_Emulation, and enable this from the GBProxy_Tests in order to re-create such a scenario for osmo-gbproxy.	

Associated revisions

Revision 9f53e369 - 01/21/2021 09:43 AM - laforge

gbproxy.pcu,sgsn: Update config files

In upstream I9798e639b4bc8658482945970775b012b5840779 we introduce two additional fields per NSVC (data_weight, signalling_weight). Make sure those are specified everywhere.

Related: OS#4953

Requires: osmo-ttcn3-hacks.git I9798e639b4bc8658482945970775b012b5840779

Change-Id: I607b3edc3bf724a8b2dbd6be8c806002c229509

Revision 98365d15 - 01/21/2021 09:43 AM - laforge

gbproxy: Use separate NS-VC for data + signaling

This follows the change implemented in osmo-ttcn3-hacks.git If0e404bdf2c30a5e18748695608611be83f61109 to use data-only and signalling-only NS-VCs on the SGSN side

Change-Id: I58f8a6d1c8d01551d366bd7d0dbfb892cce512ae

Requires: osmo-ttcn3-hacks.git If0e404bdf2c30a5e18748695608611be83f61109

Related: OS#4953

History

#1 - 01/18/2021 05:51 PM - laforge

- Status changed from New to In Progress

- Assignee set to laforge

#2 - 01/18/2021 05:57 PM - laforge

- % Done changed from 0 to 90

- <https://gerrit.osmocom.org/c/osmo-ttcn3-hacks/+/22303>
- <https://gerrit.osmocom.org/c/osmo-ttcn3-hacks/+/22304>
- <https://gerrit.osmocom.org/c/osmo-ttcn3-hacks/+/22305>
- <https://gerrit.osmocom.org/c/osmo-ttcn3-hacks/+/22306>

With those patches applied, I have the test suite working locally with expected data/user split between SGSN side NS-VC

#3 - 01/25/2021 09:33 AM - daniel

- *Status changed from In Progress to Resolved*

- *% Done changed from 90 to 100*

This is resolved not, patches are merged