

OsmoGGSN (former OpenGGSN) - Bug #3319

also handle PCOs that contain primary and secondary DNS in two separate IPCP containers

06/04/2018 08:25 PM - dexter

Status: Resolved	Start date: 06/04/2018
Priority: Normal	Due date:
Assignee: pespin	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description On GTP level in the CREATE PDP CONTEXT message, one finds a field Protocol Configuration Options. This field contains among other info the primary and secondary DNS server address inside an IPCP container. Usually primary and secondary DNS are packed into on IPCP container. However it seems also to be legal to have primary and secondary DNS server in two separate IPCP container. At the moment the parser can only handle one IPCP container so we will loose the secondary DNS in the two-container case. We now have to extend the parser so that it handles IPCP containers flexible. Attached one finds an example packet where primary and secondary DNS are in two separate IPCP containers.	
Related issues:	
Related to OsmoGGSN (former OpenGGSN) - Bug #3288: osmo-ggsn hangs on certain...	Resolved 05/24/2018
Has duplicate OsmoGGSN (former OpenGGSN) - Bug #3381: osmo-ggsn does not reac...	Resolved 07/05/2018

History

#1 - 07/12/2018 10:46 AM - dexter

- Assignee changed from dexter to pespin

#2 - 07/16/2018 08:02 AM - dexter

Note: [#3381#3319](#) are duplicates

#3 - 07/19/2018 04:00 PM - stsp

- Related to Bug #3288: osmo-ggsn hangs on certain CREATE PDP CONTEXT gtp packets added

#4 - 07/19/2018 04:01 PM - stsp

A test for this issue exists in the GGSN TTCN3 test suite: TC_pdp4_act_deact_with_separate_dns

#5 - 07/19/2018 05:33 PM - stsp

Proposed fix: <https://gerrit.osmocom.org/#/c/osmo-ggsn/+/10061/>

The test also needs small fixes: <https://gerrit.osmocom.org/#/c/osmo-tcn3-hacks/+/10060/>

#6 - 07/26/2018 03:14 PM - stsp

- Status changed from New to Resolved

Above changes have been merged.

#7 - 04/15/2019 01:43 PM - pespin

- Has duplicate Bug #3381: osmo-ggsn does not react properly when the PDP CTX ACT PCO contains primary and secondary DNS in separate IPCP added

Files

problematic_packet.pcapng	548 Bytes	06/04/2018	dexter
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