

OsmoPCU - Feature #1557

Implement uplink TBF reject

02/23/2016 03:14 PM - laforge

Status: Closed	Start date: 02/23/2016
Priority: Normal	Due date:
Assignee: arvind.sirsikar	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description	
<p>We currently don't send a Reject in case there are no resources to allocate an uplink TBF. This should be analogous to a IMMEDIATE ASSIGNMENT REJECT on GSM.</p> <p>An uplink TBF is requested by a MS when it wants to send some packet data to the network. Right now we can only</p> <ul style="list-style-type: none">a) allocate a TBF if we have resources available, orb) time out in case none are available, making the phone retry quickly <p>By sending an explicit REJECT one can explicitly notify the MS that right now it is not possible to establish uplink TBF.</p> <p>When we implemented the same concept on the circuit-switched GSM side, we significantly improved performance in overload conditions.</p>	

History

#1 - 11/03/2016 05:58 AM - arvind.sirsikar

- Status changed from New to In Progress
- Assignee set to arvind.sirsikar

#2 - 11/10/2016 04:09 AM - arvind.sirsikar

Currently handling immediate assignment reject is merged to osmo-pcu
<https://git.osmocom.org/osmo-pcu/commit?id=c0c3afd0794c217e6fc33b18eb9366c8cfe8b020>

And for packet access reject for PRR and PDAN/EPDAN are pending for review
<https://gerrit.osmocom.org/#/c/1209/>
<https://gerrit.osmocom.org/#/c/1216/1>
are pending at Gerrit review

#3 - 12/16/2016 10:18 AM - arvind.sirsikar

2 patches has been merged to master
<https://gerrit.osmocom.org/#/c/1216/> is the only patch pending at Gerrit review.

#4 - 12/22/2016 06:54 AM - arvind.sirsikar

- Status changed from In Progress to Stalled

Waiting for Gerrit reviewers for review completion.

#5 - 02/04/2017 06:31 AM - lynxis

The last pending patch has been merged. Is there anything left regarding this issue? Or can we close it?

#6 - 02/04/2017 09:36 AM - arvind.sirsikar

- Status changed from Stalled to Resolved

The last remaining patch <https://gerrit.osmocom.org/#/c/1216/> is merged to osmo-pcu master branch. Hence closing this feature.

#7 - 02/04/2017 09:36 AM - arvind.sirsikar

- *Status changed from Resolved to Closed*