

OsmoBTS - Feature #4438

Allow configuring DSCP value in OsmoBTS for RTP

03/06/2020 01:28 PM - osmith

Status: Resolved	Start date: 03/06/2020
Priority: Normal	Due date:
Assignee: osmith	% Done: 100%
Category:	
Target version:	
Spec Reference:	
Description	
In OsmoMGW, it is already possible to configure the DSCP value. We also need it for OsmoBTS.	
I've tried the related setsockopt() in /src/common/rsl.c:bind_rtp() without success, it seems that it is overwritten later by libortp.	
OsmoBTS uses libosmo-abis, which in turn uses libortp for the RTP connections.	
I will add a osmo_rtp_socket_set_dscp() function, which calls rtp_session_set_dscp() from libortp, to libosmo-abis and then use it in OsmoBTS.	
Related issues:	
Related to OsmoMGW - Bug #4447: DSCP value should be a 6 bit field	New 03/09/2020

Associated revisions

Revision 857bd28b - 03/06/2020 01:49 PM - osmith

osmo_ortp: add osmo_rtp_socket_set_dscp()

Related: OS#4438

Change-Id: I41603db8c1286660ad57ac1c78a8fb393a2b080b

Revision f38c6b35 - 03/06/2020 02:21 PM - osmith

rsl: make IP DSCP configurable

Related: OS#4438

Depends: libosmo-abis I41603db8c1286660ad57ac1c78a8fb393a2b080b

Change-Id: Icdf5d40243fefdeae23f3bcf9c6702e8487928a

Revision 3c51482e - 03/07/2020 02:07 PM - osmith

osmo_ortp: add osmo_rtp_socket_set_dscp()

Related: OS#4438

Change-Id: I41603db8c1286660ad57ac1c78a8fb393a2b080b

Revision cb4340b8 - 03/08/2020 04:56 PM - osmith

rsl: make IP DSCP configurable

Related: OS#4438

Depends: libosmo-abis I41603db8c1286660ad57ac1c78a8fb393a2b080b

Change-Id: Icdf5d40243fefdeae23f3bcf9c6702e8487928a

History

#1 - 03/06/2020 01:29 PM - osmith

#2 - 03/06/2020 01:29 PM - osmith

- Subject changed from Allow configuring DSCP value in OsmoBTS to Allow configuring DSCP value in OsmoBTS for RTP

#3 - 03/06/2020 02:36 PM - osmith

- % Done changed from 20 to 90

It works! Patches submitted: <https://gerrit.osmocom.org/q/topic:dscp>

#4 - 03/09/2020 09:12 AM - osmith

- *Related to Bug #4447: DSCP value should be a 6 bit field added*

#5 - 03/17/2020 02:12 PM - osmith

- *Status changed from In Progress to Resolved*

- *% Done changed from 90 to 100*