

OsmoBTS - Bug #4579

add IPv6 support

06/03/2020 04:59 PM - lynxis

Status:	New	Start date:	06/03/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:			
Target version:			
Spec Reference:			
Description Add support to use OsmoBTS in a IPv6 environment. All connections has to support IPv6. GB IPv6 and PCU related changes are in a seperate ticket.			
OML content <ul style="list-style-type: none">rx_oml_ipa_rsl_connect()<ul style="list-style-type: none">NM_ATT_IPACC_DST_IP contains IPv4-only address by BSC			
RSL content <ul style="list-style-type: none">rsl_tx_ipac_XXcx_ack()<ul style="list-style-type: none">assumes RSL_IE_IPAC_REMOTE_IP is IPv4-only address by BSCuses osmo_rtp_get_bound_ip_port() -> migrate to osmo_rtp_get_bound_addr()tx_ipac_XXcx_nack() + rsl_tx_ipac_XXcx_ack()<ul style="list-style-type: none">uses RSL_IE_IPAC_REMOTE_IP / RSL_IE_IPAC_LOCAL_IP and assumes content is v4-only			
TTCN3 tests for IPv6 have to be created for all parts / messages / IEs <ul style="list-style-type: none">write tests with dual stack and connect to a single stack BSC.write tests for a only IPv6 setup.			

History

#1 - 06/03/2020 05:01 PM - lynxis

- Checklist item [] rx_oml_ipa_rsl_connect added
Checklist item [] rsl_tx_ipac_XXcx_ack added
Checklist item [] tx_ipac_XXcx_nack added
Checklist item [] rsl_tx_ipac_XXcx_ack added

- Status changed from New to In Progress

- Assignee set to lynxis

#2 - 06/04/2020 03:10 PM - lynxis

- Status changed from In Progress to New

#3 - 06/21/2020 03:10 PM - laforge

#4 - 02/12/2021 12:26 PM - lynxis

- Assignee deleted (lynxis)

#5 - 02/12/2021 12:26 PM - lynxis