

Introduction

The LTE Emulators emulate a number of 3GPP LTE network elements, including the Evolved NodeB (ENodeB), the Mobile Management Entity (MME), the Serving Gateway (SGW) and the PDN Gateway (PDN-GW). The Emulators are implemented according to the 3GPP Release 8 standards. The Emulators implement the network interfaces and the communication protocols required for the emulated ENodeB, MME, S-GW and PDN-GW to operate in an LTE/SAE network.

Version 4.2.0.1

Release Date: April 11, 2012

Component Versions

- 1.LTE Emulators : 4.2.0.1
- 2.LTE Emulators Console: 4.2.0.1

New in Release 4.2

- 1. Support for PGW-initiated DHCP-based IPv4 address allocation to subscribers.
- 2. Support for separate IPv4 addresses for each 3GPP logical interface.

Resolved Issues

Issue #	Summary
6305	Add S1-U SGW-GTPU F-TEID in Modify Bearer Response message under "Bearer Context IE".
6306	IPv6 DL traffic not forwarded by S-GW to eNB if eNB use different Ipv6 address than that assigned in Create Session Response message.
6142	Incorrect NCC value passed in HO REQ to target eNB during S1 based HO.
5308	Provide support for UE Associated Logical IE inclusion in S1 Reset.
6222	Delete packet filter from UE isn't working for security parameter index "FFFFFFFF".But from SGW & PGW ,it is working properly.
6250	While loading a configuration file, Edit Emulated Nodes cannot be done.
6348	After creating an UE group, IMSI of an UE is displayed in IMSI tab (clicking on monitored nodes) even when it isn't created.

Known Issues

Issue #	Summary
6248	S10 HO with SGW relocation fails after creating 1 dedicated bearer for each of the 3 PDN's with pdn types v4, v6 & v4v6 resp .
6247	Wrong UE IP is observed after default PDN disconnection .
6253	UE attaches successfully with the HSS PDNType, which is different from the PDNType present in PGW .
6236	Getting wrong count at S1-U tunnel (ENodeB) during S10-HandOver with SGW relocation.
6233	S1-U tunnel at ENodeB,getting wrong count during S1-HandOver with Piggy backed bearer after 2nd iteration.
6267	Bearer modification is not working properly for TFT change.
6376	MME is not initiating paging for IDLE UE on initiating DL data from S-GW in Co-located SGW/PGW mode.