

Introduction

The MME Functional Tester is an automated test suite for testing the correctness of an implementation of LTE Mobile Management Entity (MME) according to 3GPP TS 36.413 (S1 Application Protocol), TS 24.301 (NAS), TS 29.374 (GTPv2-C) and other relevant Release 8 standards.

Version 1.1.0.4

Release Date: April 14, 2010

Component Versions

1. **MME Functional Tester : 1.1.0.4**
2. **Test Executive : 2.0.0.9**
3. **MME Functional Tester Test Procedures : 1.5**

New in this release

1. Context sensitive help. Selecting a test in Test Explorer window and pressing F1 shows the test procedure of the selected test in the Test Explorer Right pane.
2. Command Line Interface (CLI) for automated and unattended test execution. It can be used to run tests from a remote system.

Resolved Issues

Issue #	Summary
3979	Triggered GTPv2-C messages are always sent to UDP port 2123 as opposed to the source port of the triggering message.
3980	F1 does not open the TSS&TP section corresponding to the selected Test Case if the IE version is above 6.0
3761	Some fields of "Initial UE" and "Attach request" messages are not decoded correctly
3983	If IE version is 7.0, "Wrap Text" does not wrap text in generated test reports. If IE version is 8.0, generated reports show junk "I"s in the file.
3964	E-RAB Setup Request decode does not show the MME UE S1AP ID and eNodeB UE S1AP ID protocol IE names
3651	The decode of S1 Setup Request does not show TAC value
3624	UE configuration parameter MSIN accepts alphanumeric values. Should accept only a numeric value.
3984	MME Functional tester sometimes stops responding and terminates if the user clicks on S1 Setup Response randomly.
3625	UE configuration parameter IMEI accepts alphanumeric digits. Should accept only a numeric value.
3987	8 Test Cases (2.2.3.15, 2.2.5.6, 2.2.6.5, 2.2.7.1, 2.2.7.2, 2.2.9.2, 2.2.9.3 and 2.2.9.4) fail incorrectly because the Tester does not handle multiple E-RABs properly in these test cases.

Known Issues

Issue #	Summary
4246	MME FT should use separate SCTP streams for UE-associated and non-UE-associated signaling.
4248	MME Functional Tester sometimes crashes if user run tests in the user created nested test batch.
4260	License using a USB Security Key may not work properly on 32-bit Windows 7 Operating System. Solution: User need to download msvc71.dll and put that file in the MME Functional Tester

	installation folder. Default Installation path is "C:\Program Files\Polaris Networks\MME Functional Tester".
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Version 1.0.1.1 Beta

Release Date: February 08, 2010

Component Versions

1. MME Functional Tester : 1.0.1.1 Beta
 2. Test Executive : 1.6.0.2
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