S2b Interface Support

Feature Description

In CUPS architecture, support is added for S2b interface where untrusted Wi-Fi calls from ePDG connects to SAEGW (Pure-P).

Currently, support for following procedures are available:

- Support procedures for session establishment:

  - GTP based S2b for roaming, non-roaming and LBO (3GPP TS 23.402 [4] clause 7.2.4).

  - Emergency services over GTP based S2b (3GPP TS 23.402 [4] clause 7.2.5).

  - UE-initiated connectivity to additional PDN from Un-trusted Non-3GPP IP Access with GTP (3GPP TS 23.402 [4] clause 7.6.3).

- Support procedures for session release:

  - UE/ePDG-initiated detach procedure with GTP on S2b (TS 23.402 [4] clause 7.4.3.1).

  - HSS/AAA-initiated detach procedure with GTP on S2b (TS 23.402 [4] clause 7.4.4.1).

- Support procedure for bearer deactivation:

  - P-GW Initiated Bearer Deactivation with GTP on S2b (TS 23.402 [4] clause 7.9.2).