S2b Interface Support

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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).