**3GPP TSG-WG SA2 Meeting #169 *S2-250xxxx***

**Fukuoka City, Fukuoka, JP, 19th May – 23rd May, 2025 (revision of S2-250xxxx)**

Title: [DRAFT] LS on Ethernet MA PDU session using MPQUIC-E functionality

Response to: LS (C4-250554) on Ethernet MA PDU session using MPQUIC-E functionality from CT4

Release: Release 19

Work Item: MASSS

Source: [Huawei to be] SA2

To: CT4

Cc: CT1

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

Attachments: DocNumber(s) [Description i.e. Draft TS 29.414 v0.1.0].
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**1. Overall Description:**

SA2 thanks CT4 for observing the undiscussed issues about how to handle Ethernet MA PDU session using MPQUIC-E functionality when 1) the 3GPP access leg is established in EPS and 2) when the MA PDU session is a HR PDU session or a PDU session with an I-SMF.

SA2 has discussed the above scenario and agreed the principle that the MPQUIC-E is not applied to both EPS and home-routed roaming scenario. In addition, since I-SMF is not applicable to MA PDU session which is derived from the text in TS 23.501 clause 5.32.1 and the text in TS 23.502 clause 4.23.5.1 below, the MPQUIC-E is also not applied to I-SMF case.

TS 23.501 clause 5.32.1 specifies below:

*In this Release of the specification, support for ATSSS assumes SMF Service Areas covering the whole PLMN or that a MA PDU Session is released over both accesses when the UE moves out of the SMF Service Area.*

TS 23.502, clause 4.23.5.1 specifies as below:

*“If the service area of the selected SMF does not include the current UE location and the UE does not request for a MA PDU Session, the AMF selects an I-SMF that serves the area where UE camps.”*

*“If the service area of the selected SMF does not include the current UE location and the UE requests a MA PDU Session, then the AMF rejects the MA PDU Session Establishment procedure.”*

Therefore, the answers to the questions mentioned by C4-250554 are listed below:

**Q1:** Can SA2 clarify the handling of MA PDU sessions using MPQUIC-E with a 3GPP access leg in EPS with respect to the PDN connection type to be signaled to the eNB?

**Answer to Q1:** PGW-C+SMF will only include the ATSSS capability of ATSSS-LL (with Active Standby) to PCF so that only ATSSS-LL (with Active Standby) is enabled to MA PDU session.

**Q2:** Can SA2 confirm CT4 assumption regarding the handling of MA PDU sessions using MPQUIC-E for HR PDU sessions and PDU sessions with an I-SMF.

**Answer to Q2:** the (H)SMF will only include the ATSSS capability of ATSSS-LL (with Active Standby) to PCF so that only ATSSS-LL (with Active Standby) is enabled to MA PDU session. For I-SMF case, MA PDU session is not applicable.

Please check the attached CR.

**2. Actions:**

**To CT4 group.**

**ACTION:** SA2 asks CT4 group to take the above information into account.

**3. Date of Next TSG SA WG2 Meetings:**

TSG-SA2 Meeting #170 25th Aug – 29th Aug, 2025 Goteborg, SE

TSG-SA2 Meeting #171 13th Oct – 17th Oct, 2025 Wuhan, CN