3GPP TSG RAN3 Meeting#124 R3-243816

Fukuoka, Japan, 20th – 24th May 2024

**Title: Reply LS on Restoration procedures for a PDU Session with Dual Connectivity**

**Reply to: C4-241525**

**Release:** **Rel-18**

Work Item: TEI18

Source: Ericsson (To be RAN3)

To: Working Group CT4

Cc:

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

**Attachments:**

**1. Overall Description:**

RAN3 thanks the LS on Restoration procedures for a PDU Session with Dual Connectivity from CT4.

RAN3 has agreed to support for a split PDU session, the SMF reports those errors to the NG-RAN using a PDU session resource modification procedure, so that the NG-RAN may allocate a new N3 DL tunnel or move the QoS flows conveyed by the failed GTP-U tunnel to the other healthy GTP-U tunnel.

In the agreed CT4 CR C4-241525, it states that:

For each split PDU session affected by the user plane path failure, the SMF may use the procedure specified in clause 5.3.2.1 to report to the master 5G-AN node that a user plane path failure has been detected towards one 5G-AN (i.e. for one of the GTP-U tunnel of the split PDU session), in which case the SMF shall indicate, in the PDU Session Resource Modify Request Transfer" IE, the IP address of the remote 5G-AN GTP-U entity towards which a path failure has been detected.

RAN3 has discussed the need to send IP address in the PDU Session Resource Modify Request Transfer and agreed that SMF should for each tunnel allocated on the impacted IP address, perform restoration procedure, thus it is enough to include the “N3 DL F-TEID” in NGAP procedure.

RAN3 has also agreed that NG-RAN node indicate the feedback on how the failure related to the user plan is handled in NG-RAN node.

**2. Actions:**

**To CT4**

**ACTION: RAN3** kindly asks CT4 to take the above information into consideration.

**3. Date of Next RAN3 Meeting:**

RAN3 Meeting calendar can be found at:

<https://www.3gpp.org/dynareport?code=Meetings-R3.htm>