**3GPP TSG RAN Meeting #108 draft rev of RP-252665**

**Beijing, China, Sep 15-18, 2025**

**Title:** Draft LS on Early Alignment on any lower layer Access Stratum security aspects

**Response to:**

**Release:** Rel-20

**Work Item:** Study on 6G Radio [New RAN1 led SI: FS\_6G\_Radio]

**Source:** Vodafone [to be RAN]

**To:** SA

**Cc:**

**Contact Person:**

#### Name: Alexey Kulakov

E-mail Address: Alexey.kulakov1@vodafone.com

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

**Attachments:** N/A

**1. Overall Description:**

As already reported at SA#108, RAN Plenary #108 agreed the RAN Working Group SID “Study on 6G Radio” in RP-251881. This SID includes an objective related to RAN security aspects as below.

*Radio interface protocol architecture and procedures for 6GR [RAN2, RAN1, RAN4, RAN3]*

1. *User Plane architecture and protocol design [RAN2]*
2. *Control Plane architecture (including RRC states) and protocol design [RAN2, RAN3]*
3. *Access stratum security aspects, in alignment with requirements from SA3 [RAN2]*
4. *Radio signaling framework for UE capabilities, aiming at improvements and simplification compared to 5G NR [RAN2, RAN1, RAN4]*
5. *Data transfer design to support various types of data (e.g. AI/ML, Sensing, etc) [RAN2, RAN3]*

Following further discussions during RAN#109, RAN Plenary believes that the security requirements for the air interface can significantly influence the overall system design, especially if they impact the lower layers of the user plane protocol stack and hardware architecture.

Therefore, it is crucial to establish **when** any security requirements that impact the lower layers of the user plane will be aligned between RAN and SA and particularly between SA3 and RAN2. TSG RAN believes that June 2026 would be an appropriate date.

RAN invites SA to consider adding a June 2026 check point for the alignment on any security requirements that impact the lower layers of the user plane in SA3’s SID on 6G security (S3-252973).

**2. Actions:**

**To SA:**

**ACTION:** RAN invites SA to consider adding a June 2026 check point for the alignment between SA3 and RAN 2 on any security requirements that impact the lower layers of the user plane in SA3’s SID on 6G security (S3-252973)

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**3. Date of Next TSG-RAN Meetings:**

TSG-RAN Meeting #110 8-11 December 2025 Baltimore, USA