3GPP TSG SA WG 3 Meeting SA3#102e TDoc <TDocNumber>

Electronic meeting, Online, 18 - 29 January 2021

**Title: Reply LS to LS Usage of MOBIKE in IAB**

**Response to: LS R3-211297**

**Release: Rel-17**

**Work Item:**

**Source: Tobe SA3**

**To: RAN3**

**Cc:**

**Contact person: Suresh Nair**

**Suresh.p.nair@nokia.com**

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

**Attachments:** None

# 1 Overall description

SA3 thanks RAN3 for the LS R3-211297 on usage of MOBIKE in IAB.

SA3 sees no security issue with the RAN3 proposal to use MOBIKE for Intra-Donor-CU Inter-Donor-DU topology adaptation in IAB. To ensure that mobility is transparent to upper layers, MOBIKE only changes the outside tunnel address of the IKE SA. This seems to be a feasible solution to address the IAB node change and reduce the exchange address re-synchronization messages.

# 2 Actions

**To: RAN3**

**ACTION:** SA3 kindly request RAN3 to take the above reply into consideration.

# 3 Dates of next TSG SA WG 3 meetings

SA3#102e-Bis 1 - 5 March 2021 Electronic meeting

SA3#103e 17 - 28 May 2021 Electronic meeting