3GPP TSG-RAN WG2 Meeting #115 Electronic R2-210xxxx

Online, 16th – 27th August 2021

**Title: [Draft] Reply LS on UAC enhancements for minimization of service interruption when disaster condition applies**

**Response to: R2-2106902/C1-213527**

**Release: Rel-17**

**Work Item: FS\_MINT-CT**

**Source: Nokia [to be RAN2]**

**To: CT1, SA1**

**Cc:**

**Contact person: Name**

**malgorzata.tomala@nokia.com**

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

Attachments: None

**1. Overall Description:**

RAN2 thanks CT1 for their LS on "UAC enhancements for minimization of service interruption when disaster condition applies" (R2-2106902/C1-213527).

RAN2 has discussed the Solution#38 and Solution#40 and reached the following understanding:

* Both solutions require extensions of SIB messages to carry the additional new UAC parameters (current signaling does not support Access Identity 3 nor *uac-DisasterOffsetToBarringFactor*),
* Extensions to support Access Identity 3 are required for both solutions,
* Both solutions are feasible.

However, RAN2 could not reach consensus on the AS impacts of both solutions and thus cannot make a recommendation for a solution at this point of time. Therefore, RAN2 would like to ask CT1 and SA1 the following questions:

Q1: Is the new Access Identity 3 applicable for each Access Category which are configured in UAC?

Q2: If a disaster inbound roamer is configured with one or more of the special Access Identities (1, 2, 12 to 14), are those Access Identities still valid in the PLMN that offers disaster roaming service?

Q3: Can access barring for Access Identity 3 be configured independently from Access Identity 0?

Q4: Does access barring for disaster inbound roamers need to be performed commonly for all PLMNs with disaster condition or can it be performed specifically to a PLMN with disaster condition?

Furthermore, RAN2 would like to ask CT1 to let RAN2 decide on the solution to pursue in the normative phase.

**2. Actions:**

**To CT1, SA1 group:**

**ACTION:** RAN2 kindly requests CT1 and SA1 to take the above into account and provide feedback on the questions.

**3. Date of Next TSG-RAN WG2 Meetings:**

3GPP RAN2#116-e from 2021-11-01 to 2021-11-12 Electronic Meeting