**3GPP TSG-RAN WG2 Meeting #113 Electronic R2-210XXXX**

**25 January – 05 February 2021**

**Title:** Clarification request for eNPN features

**Response to:** -

**Release:** Release 17

**Work Item:** NG\_RAN\_PRN\_enh-Core

**Source:** RAN2

**To:** SA2

**Cc:** RAN3, CT1, SA1

**Contact Person:**

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**Attachments:** -

**1. Overall Description:**

RAN2 has started the discussion on Enhancement for Private Network Support for NG-RAN. During the discussion it was found that some clarifications are needed on the features covered by this work item from SA2. RAN2 respectfully asks SA2 to answer to the following questions.

Questions related to SNPNs with subscription or credentials by a separate entity:

**Question 1:** Can RAN2 assume uniform support of external authentication related parameters (i.e., indicator for "access using credentials from a separate entity is supported", GID(s) ) , and indicator for "whether the SNPN allows registration attempts from UEs that are not explicitly configured to select the SNPN") across a network or a registration area?

**Question 2:** Shall Group IDs be broadcasted per SNPN or per cell?

Question related to support UE onboarding and provisioning for NPN:

**Question 3:** Can RAN2 assume uniform support of onboarding in all cells in an O-SNPN? (I.e. can RAN2 assume that all cells of an O-SNPN broadcasts the support for onboarding or can some cells not set the ”onboardingEnabled” bit to e.g. control RAN congestion?)

Questions related to support IMS and emergency services for SNPN:

**Question 4:** Can UE in SNPN AM initiate emergency services on any of the SNPNs supported by the cell under RAN sharing scenarios? (Note if the answer is "YES" then RAN2 assumption is that the emergency support indication in SIB can be per cell (common indicator for all SNPNs that share the cell). If the answer is "NO" then RAN2 assumption is that the emergency support indication in SIB should be per SNPN.)

**Question 5:** Is the support of eCall over IMS assumed to be enabled in SNPN cells?

**Question 6:** Is the broadcasting of ETWS/CMAS notifications in an SNPN cell enabled in Rel-17?

**2. Actions:**

**To SA2 group.**

**ACTION:** RAN2 respectfully asks SA2 to answer to the questions above.

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

3GPP RAN2#113bis-e from 2021-04-12 to 2021-04-20 Electronic Meeting

3GPP RAN2#114-e from 2021-05-19 to 2021-05-27 Electronic Meeting