**3GPP TSG-RAN WG2 Meeting #127bis R2-2409359**

**Hefei, China, Oct 14th – 18th, 2024**

**Title:** Reply LS on intra-SN SCPAC in MN format

**Response to:** R2-2406217/R3-243775

**Release:** Rel-18

**Work Item:** NR\_Mob\_enh2-Core

**Source:** RAN2

**To:** RAN3

**Cc:** -

**Contact Person:**

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**Attachments:** None

**1. Overall Description:**

RAN2 thanks RAN3 for the reply LS on inter-node RRC message for intra-SN SCPAC in MN format. Regarding the following questions, RAN2 has discussed and would like to provide the responses as below:

**Q1: Are both CG-Config and CG-CandidateList related to same configuration of intra-SN subsequent CPAC in MN format, and must be sent together in the same SN Modification Required XnAP message?**

**RAN2 response:** From RAN2 perspective, the CG-Config and CG-CandidateList are related to different part of UE configurations of intra-SN SCPAC in MN format, and not required to be sent together in the same SN Modification Required XnAP message.

**Q2: If both RRC messages must be sent together, is it feasible to include both CG-Config message and CG-CandidateList messages in a single RRC message (new or existing), which could then be transferred in a single SN Modification Required XnAP message?**

**RAN2 response:** RAN2 understands that two XnAP messages can be sent from the SN to the MN to transfer CG-Config message and CG-CandidateList messages separately.

Besides, RAN2 understands that some modification or clarification shall be required in the current stage-2 procedure of intra-SN SCPAC with MN involvement, to support transferring CG-Config message and CG-CandidateList messages separately via two XnAP messages from the SN to the MN. The detailed message and procedure can be up to RAN3 discussion.

**2. Actions:**

**To RAN3 group.**

**ACTION:** RAN2 kindly asks RAN3 to take the above feedback into consideration.

**3. Date of Next TSG-RAN2 Meetings:**

TSG-RAN2 Meeting #128 18 - 22 November 2024 Orlando, US

TSG-RAN2 Meeting #129 17 - 21 February 2025 Athens, GR