**3GPP TSG-RAN WG3 #113-e R3-21xxxx**

**16 – 26 August 2021**

Title: LS on inter-MN RRC resume without SN change

Source: RAN3

To: RAN2

Cc:

**Contact Person:**

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Attachments: None

**1. Overall Description:**

Inter-MN mobility without SN change has been supported for handover but not supported for RRC resume. RAN3 discussed the gap and solutions to support the RRC resume scenario. The UE Context Retrieval procedure needs to be enhanced to carry SN ID and UE ID in SN. A new XnAP message needs to be defined for target MN to inform source MN on the SN status. The required functions in RAN2 specs seem have been supported in R16 as part of DC/CA enhancement work item.

The UE context retrieval procedure enhancement may be helpful also for RRC reestablishment procedure, e.g. for gNB to configure the same SCG to UE.

RAN3 kindly asks RAN2:

1. Whether the required RAN2 functions have been supported in R16
2. Whether to support inter-MN RRC resume without SN change in R16 or R17
3. Whether to support inter-MN RRC reestablishment without SN change in R16 or R17.

**2. Actions:**

**To RAN WG2**

**ACTION:** RAN3 kindly asks RAN2:

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1. Whether the required RAN2 functions have been supported in R16
2. Whether to support inter-MN RRC resume without SN change in R16 or R17
3. Whether to support inter-MN RRC reestablishment without SN change in R16 or R17.

**3. Date of Next RAN3 Meetings:**

RAN3#114-e 1-11 November 2021 Electronic meeting