3GPP TSG-RAN WG3 #120 R3-23xxxx

22th – 26th May, 2023

**Title: [Draft]**LS on Multiple MDT configurations

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_newRAT-Core

**Source:** CATT [To be RAN3]

**To:** SA5

**Cc:** SA2

**Contact Person:**

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1. **Overall Description:**

RAN3 discussed the case that NG-RAN node receives multiple Trace/MDT configurations for the same UE. And RAN3 has reached the following conclusions:

For Trace activation, NG-RAN node would activate all received Trace sessions

For immediate MDT, NG-RAN node would activate all received immediate MDTs.

For log MDT, NG-RAN node would always replace the previous log MDT configuration with the new received one

During handover procedure or UE context retrieval procedure, the NG-RAN node would only forward one Trace/MDT configuration to the target node and inform AMF of the failure of other MDT/Trace configurations via Trace Failure Indication procedure. It depends on AMF implementation whether the AMF would reactive the Trace/MDT configurations in the target node.

1. **Actions:**

To SA5:

ACTION: RAN3 respectfully asks SA5 to take the above conclusions into considerationand to provide feedback, if any.

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

TSG-RAN3 Meeting #121 21th – 26th August 2023 Toulouse France

TSG-RAN3 Meeting #121bis 9th – 13th September 2023 Ximen China