3GPP TSG-RAN WG2 Meeting #131bis R2-2506784

Prague, Czech Republic, Oct. 13th – 17th, 2025

**Agenda item: 8.10.1**

**Source: CATT**

**Title: Open issues on SONMDT UE capabilities**

**Document for: Discussion and Decision**

# Introduction

The following email discussion is re-triggered to collect open issues on SONMDT UE capabilities:

* [Post131][601][SONMDT] SONMDT capability CRs (CATT)

Scope:

* + - Produce agreeable CRs

      Intended outcome:

* + - Endorsed CR(s) in R2-2506377 and R2-2506378

     Deadline: Oct. 1st

The NR UE capability CRs from the previous round of the above discussion were endorsed in R2-2506377 and R2-2506378. And the LTE UE capability CR was agreed in R2-2505209. In this second round, open issues with the agreed/endorsed CRs are discussed and resolved.

# Open issues

Companies are invited to describe any identified open issues.

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| --- | --- | --- |
| **Issue number** | **Issue description and potential resolution** | **Rapporteur comment** |
| 1 | Whether to define a UE capability with signaling for “Logged MDT enhancement for Slicing” | The Majority view is that UE capability without signalling is sufficient, but there is also a point that the NW may intend to configure UEs having this capability to collect slicing related information.  Rapporteur suggests to have an online discussion to make a decision. |
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Summary:

Since no further input has been received, the following proposal is made for online discussion:

**Proposal 1: RAN2 to discuss whether the UE capability for “Logged MDT enhancement for Slicing” is optional WITHOUT signalling or optional WITH signalling.**

# Conclusion

Regarding the open issue of SONMDT open issues, we have the following proposal:

**Proposal 1: RAN2 to discuss whether the UE capability for “Logged MDT enhancement for Slicing” is optional without signalling or optional with signalling.**