**3GPP TSG-SA5 Meeting #162 *S5-254001***

**Stor-Göteborg, Sweden, 25th Aug 2025 - 29th Aug 2025**

|  |
| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **32.422** | **CR** | **0531** | **rev** | **1** | **Current version:** | **19.3.0** |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  |  |
|  |  |
| ***Source to WG:*** | ZTE Corporation |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | TEI19 |  | ***Date:*** | 2025-08-11 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-19 |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
|  |  |
| ***Reason for change:*** | The corresponding configuration parameters is from AMF to gNB instead of from UDM to AMF  |
|  |  |
| ***Summary of change:*** | Fix the message description. |
|  |  |
| ***Consequences if not approved:*** | Mismatched message and configuration parameters cause confusion. |
|  |  |
| ***Clauses affected:*** | 4.1.2.17.3 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

\*\*\* START OF CHANGE 1 \*\*\*

##### 4.1.2.17.3 Activation of MDT task after UE attachment in 5GC and NG-RAN



Figure 4.1.2.17.3.1: Example of MDT activation in 5GC and NG-RAN after UE attachment

The MDT activation procedure after UE attachment in 5GC is the same as in EPC. When UDM forwards MDT task to AMF, as well as when AMF sends TRACE START message to gNB, the following configuration parameters shall be included in the message:

- Area Scope (TA, TAI, Cell).

- Trace Reference.

- Trace Recording Session Reference.

- List of Measurements.

- Reporting Trigger.

- Report Amount.

- Report Interval.

- Event Threshold.

- Logging Interval.

- Logging Duration.

- Trace Collection Entity IP Address.

- Positioning Method.

- Collection Period for RRM Measurements NR (present only if any of M4 or M5 measurements are requested).

- Collection Period M6 in NR (present only if any of M6 measurements (DL or UL) is requested).

- Collection Period M7 in NR (present only if any of M7 measurements (DL or UL)is requested).

- MDT PLMN List.

- Report Type for Logged MDT (periodical logged or event-triggered measurement) for logged MDT only.

- Events List for Event-Triggered Measurement for logged MDT only.

- Event Threshold, Hysteresis and Time to Trigger (present only if L1 event is configured for logged MDT)..

- Area Configuration for Neighbouring Cells for logged MDT only.

- Sensor Information for logged MDT and immediate MDT.

- Excess packet delay thresholds (present only if M6 UL measurements are requested)

- MN only In case of logged MDT and the UE is currently being in idle or inactive mode, the AMF is not required to initiate paging of the UE in order to send the configuration.

\*\*\* END OF CHANGE 1 \*\*\*