3GPP TSG SA WG5 Meeting 135-e Tdoc S5-212086rev1

electronic meeting, online, 25 January - 3 February 2021

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.537** | **CR** | **Draft CR** | **rev** | **-** | **Current version:** | **16.0.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

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| ***Title:*** | Rel-17 CR 28.537 Add management data management requirements | | | | | | | | | |
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| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | SA5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MADCOL | | | | |  | ***Date:*** | | | 2021-01-15 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | 17 |
|  | *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 can be 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
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| ***Reason for change:*** | | Management data management requirements are missing. | | | | | | | | |
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| ***Summary of change:*** | | Management data management requirements and procedures are added. | | | | | | | | |
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| ***Consequences if not approved:*** | | Management data management requirements are missing. | | | | | | | | |
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| ***Clauses affected:*** | | X (New) | | | | | | | | |
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|  | | **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 ... | | |
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| ***Other comments:*** | | **Input to DraftCR to 28.537 related to the WI MADCOL** | | | | | | | | |
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| ***This CR's revision history:*** | |  | | | | | | | | |

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| **First modification** |

# X Management data management

## X.1 Description

Management data is referring to data produced by network functions or management functions and used for management purposes. Management data includes 5G performance measurements as defined by TS 28.552 [x], 5G end to end Key Performance Indicators (KPI) as defined by TS 28.524 [y] or Trace and MDT data as defined by 32.422 [z].

Management data is not and cannot be produced permanently due to processing power limitations of network and management functions. Management data is typically produced on request only. Therefore, the 3GPP management system shall support a capability allowing a MnS consumer to request management data. Following this request the MnS producer shall ensure the requested data is being produced and reported to the consumer specified in the request.

The data requestor needs to specify the data to be produced and the scope or area where the data shall be produced. This area of interest can be defined in multiple ways:

* The requestor can specify an area of interest based on the managed object tree representing the network and management functions. The simplest approach is to directly identify the managed instances where data shall be produced. More sophisticated approaches allow to specify one or more subtrees where data shall be produced and include also the managed object class.
* The requestor can specify an area of interest based on criteria not related strictly to the managed object tree such as a geographical area or a tracking area.

These considerations lead to REQ-MDM-CON-1.

[…]

## X.2 Requirements

REQ-MDM-CON-1: The 3GPP management system shall support a capability allowing a MnS consumer to request management data.

*Editor's note: Finctional (FUN) type requirements related to the scope or area of data production are ffs.*

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| **End of modifications** |