**3GPP TSG-SA5 Meeting #162 *S5-253929***

Stor-Göteborg, Sweden, 25th August 2025 - 29th August 2025

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| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **0228** | **rev** | **1** | **Current version:** |  |  |
|  |
| *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:***  |  Add missing illustration name |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | eMDAS\_Ph2 |  | ***Date:*** | -7-21 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** |  |
|  | *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 illustration name of Figure 5.3-1 is missing |
|  |  |
| ***Summary of change:*** | Add missing illustration name of Figure 5.3-1 |
|  |  |
| ***Consequences if not approved:*** | Ambiguous illustration name leads to confusing for reading for multiple MDAs scenario. |
|  |  |
| ***Clauses affected:*** | 5.3 |
|  |  |
|  | **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:*** |  |

***First change***

## 5.3 Deployment of multiple MDAs

Multiple MDA instances may be deployed according to deployment needs.

The 3GPP cross domain management may consume MDA MnS provided by core network management as shown in Figure 5.3-1.

MDA MnS

MDA MnS

Core Domain

Core Network

Other 5GC NF

NWDAF

Nnf

Nnwdaf

MnS

Nnwdaf

3GPP Cross-domain management

Cross-domain MDA

3GPP Cross-domain MDA MnS consumer

MDA MnS

Core network management

CN domain MDA

Figure 5.3-1 Example of coordination cross-domain MDA and Core network domain MDA

The management function (MDAF) playing the role of 3GPP cross domain MDA MnS producer interacts with CN domain MDA per each MDA use case/capability as follows:

- The cross-domain MDA MnS producer may consume the CN domain MDA MnS.

- The cross-domain MDA MnS producer may consume MnS provided by CN domains, and produce MDA MnS that may be consumed by 3GPP cross-domain MDA MnS consumer(s).

The management function (MDAF) playing the role of CN domain MDA MnS producer interacts with MnS producers per each use case/capability as follows:

- The CN domain MDA MnS producer may consume analytics results produced by NWDAF, MnS provided by CN domain management, other MDA MnS producers, management data derived by subnetwork management function(s), and management data derived by element management function(s).

The 3GPP cross domain management may consume MDA MnS provided by RAN management as shown in Figure 5.3‑2.

MDA MnS

MDA MnS

MnS

RAN domain

Radio access network

gNB

Cross-domain management

MDA MnS

3GPP cross-domain MDA MnS consumer

Cross-domain MDA

RAN network management

RAN domain MDA

**…**

**…**

Radio access network

gNB

Radio access network

gNB

Figure 5.3-2: Example of coordination cross-domain MDA and RAN domain MDA

The management function (MDAF) playing the role of 3GPP cross domain MDA MnS producer interacts with RAN domain MDA per each MDA use case/capability as follows:

- The cross domain MDA MnS producer may consume the RAN domain MDA MnS.

- The cross domain MDA MnS producer may consume MnS provided by RAN domains, and produce MDA MnS that may be consumed by 3GPP cross-domain MDA MnS consumer(s).

The management function (MDAF) playing the role of RAN domain MDA MnS producer interacts with MnS producers per each use case/capability as follows:

- The RAN domain MDA MnS producer may consume MnS provided by RAN domain management, other MDA MnS producers, management data derived by subnetwork management function(s), and management data derived by element management function(s).

***End of changes***