**3GPPSA4#120-e S4-220956**

**E-meeting, 17 – 26 August 2022**

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| *CR-Form-v12.0* |
| **PSEUDO CHANGE REQUEST** |
|  |
|  | **26**.**857** | **CR** | pseudo | **rev** | **-** | **Current version:** | **0.3.1** |  |
|  |
| *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 |  | Core Network |  |

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|  |
| ***Title:***  | **[FS\_5G\_MSE] Example 5GMS Media Session Handler** |
|  |  |
| ***Source to WG:*** | Qualcomm Incorporated |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | FS\_5G\_MSE |  | ***Date:*** | 11/08/2022 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-18  |
|  | *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-10 (Release 10)Rel-11 (Release 11)Rel-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* *Rel-17 (Release 17)* *Rel-18 (Release 18)* |
|  |  |
| ***Reason for change:*** |  |
|  |  |
| ***Summary of change:*** |  |
|  |  |
| ***Consequences if not approved:*** |  |
|  |  |
| ***Clauses affected:*** |  |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  |  |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | This pCR assumes that S4-220954 is agreed |
|  |  |
| ***This CR's revision history:*** |  |

**===== CHANGE =====**

### 4.2.2 Media Session Handler in 5GMS

Another example enabling function relevant to 5G media delivery is the Media Session Handler defined in TS 26.501 [D] (stage-2) and TS 26.512 [E] (stage-3). The Media Session Handler is a function on the UE that communicates with the 5GMSd AF in order to establish, control and support the delivery of a media session, and may perform additional functions such as the collection and reporting of consumption and QoE metrics. The Media Session Handler exposes APIs that can be used by the 5GMSd-Aware Application. An overview is provided in Figure 4.2.2-1.



Figure 4.2.2-1: Media Session Handler– Application and Network reference Points an APIs
(Reproduced from 3GPP TS 26.512 [E])

The Media Session Handler deals with three sets of APIs and reference points:- *M5d (Media Session Handling API):* APIs exposed by a 5GMSd AF to the Media Session Handler for media session handling, control, reporting and assistance that also include appropriate security mechanisms, e.g. authorization and authentication.

- *M6d (UE Media Session Handling APIs):* APIs exposed by a Media Session Handler to the Media Player for client-internal communication and exposed to the 5GMSd-Aware Application enabling it to make use of 5GMS functions.

NOTE: The M6d APIs are  [E]

- *M7d (UE Media Player APIs):* APIs exposed by a Media Player to the 5GMSd-Aware Application and Media Session Handler to make use of the Media Player.