**3GPPSA4 #120-e S4-221144**

**E-meeting, 17-26 Aug 2022** revision of S4-221135

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **26**.**804** | **CR** | 0002 | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:***  | **[FS\_5GMS\_EXT] Correction to uplink streaming call flow for collaboration scenario 5**  |
|  |  |
| ***Source to WG:*** | Tencent |
| ***Source to TSG:*** | S4 |
|  |  |
| ***Work item code:*** | FS\_5GMS\_EXT |  | ***Date:*** | 8/09/2022 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-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 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | The figure of the call flow does not match the steps described below the figure. |
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| ***Summary of change:*** | Fixed the figure to demonstrate the described steps. |
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| ***Consequences if not approved:*** | The mismatch between the call flow and the steps is misleading and causes confusion. |
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| ***Clauses affected:*** | 5.5.4.5 |
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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 ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

 CHANGE

#### 5.5.4.5 Collaboration scenario 5 call flow

Figure 5.5.4.5-1: Collaboration scenario 5 Call flow

Steps:

1. The 5GMSu Application Provider creates a Provisioning Session with the 5GMSu AF.

2. The 5GMSu Application Provider requests the 5GMSu AF to create one Content Publishing Configuration that defines the instructions for content egest (M1u).

3. The 5GMSu AF, based on the received Content Publishing Configuration, requests the 5GMSu AS to confirm the availability of content resources for egest.

NOTE 1: M3u procedures between the 5GMS AF and the 5GMS AS are outside the scope of TS 26.512 [?].

4. The 5GMSu AF acknowledges to the 5GMSu Application Provider the successful creation of the Content Publishing Configuration (M1u).

At some later point in time:

5. The 5GMSu Application Provider requests that the 5GMSu AF initialises the content preparation process (M1u).

6. The 5GMSd AF requests initialisation of the content preparation process (M3u).

7. The 5GMSd AS initialises the content preparation process, if is not already running (M3u).

8. The 5GMSd AS acknowledges the initialisation of the content preparation process (M3u).

9. The 5GMSu AF acknowledges the initialisation of the cotent preparation process (M1u).

10. The 5GMSu Application Provider provides Service Access Information to the 5GMS-Aware Application (M8, out of scope).

11. The 5GMS-Aware Application requests the 5GMSu Client to start an uplink streaming session (M6u/M7u).

Alternatively:

12. The 5GMS-Aware Application requests the 5GMSu Client to start an uplink streaming session (M6u/M7u).

13. The 5GMSu Client requests Service Access Information from the 5GSMu AF (M5u).

14. The 5GMSd AF requests initialisation of the content preparation process (M3u).

15. The 5GMSd AS initialises the content preparation process, if is not already running (M3u).

16. The 5GMSd AF acknowledges the initialisation of the content preparation process (M3u).

17. The 5GMSMu AF provides Service Access Information to the 5GMSu Client (M5u).

Then:

18. Uplink media streaming starts from the 5GMSu Client to the 5GMSu AS (M4u).

19. Media streaming egest starts from the 5GMSu AS to the 5GMSu Application Provider (M2u).

Finally:

20. The 5GMSu AS releases its resources after observing a period of interactivity.

NOTE: This step is implementation dependent.

As is shown, a new resource type, the Content Publishing Configuration is added. This describes the configuration of the egest (M2u) used in step 19.