**3GPP TSG-SA WG6 Meeting #64S6-245353**

**Orlando (FL), USA, 18th – 22nd November 2024 (revision of S6-245030)**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.280** | **CR** | **0612** | **rev** | **1** | **Current version:** | **19.4.0** |  |
|  | | | | | | | | |
| *For* [***HELP***](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:*** | Information flows and procedures to set users and groups as targets for recording | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Airbus | | | | | | | | | |
| ***Source to TSG:*** | SA6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | enhMC | | | | |  | ***Date:*** | | | 2024-11-20 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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 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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | A recording admin user needs to update other users’ user profiles to set/modify target users for recording. The existing information flows for MC service user profile allow the requestor to modify only his/her own MC service user profiles. For group configurations, a variant of the existing information flow is needed to add MCRec ID so that CMS can check the recording admin user’s authorization for the operation. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add new information flows and procedures that a recording admin user can utilize to set target users and target groups for recording. Note: the ‘request’ information flows are new but the existing ‘response’ flows can be reused. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Incomplete specification for the recording and replay feature | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.1.2.1a (new), 10.1.4.2.6a (new), 10.18.2 (new), 10.18.2.1 (new), 10.18.2.2 (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | Remove step1 from both procedures | | | | | | | | |

\* \* \* \* First change \* \* \* \*

#### 10.1.2.1a Store target group configuration request

Table 10.1.2.1a-1 describes the information flow store target group configuration request from the group management client to the group management server.

Table 10.1.2.1a-1: Store target group configuration request

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCRec ID | M | The MCRec ID of the requestor. |
| MC service group ID | M | MC service group ID of the target group. |
| MC service group configuration data (NOTE) | M | The contents of the MC service group configuration data to be updated. |
| NOTE: A Recording admin user (MCRec ID) has the authority to update only two parameters in the group configuration data - “Group is a target for recording” and “Recording server address”. | | |

\* \* \* \* Second change \* \* \* \*

##### 10.1.4.2.6a Update target MC service user profile data request

Table 10.1.4.2.6a-1 describes the information flow update target MC service user profile data request from the configuration management client to the configuration management server.

Table 10.1.4.2.6a-1: Update target MC service user profile data request

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCRec ID | M | The MCRec ID of the requestor. |
| MC service ID | M | The MC service ID of the target MC service user whose profile is updated. |
| Updated MC service user profile data (NOTE) | M | The contents of the user profile data to be updated. |
| NOTE: A recording admin user (MCRec ID) has the authority to update only two parameters in target MC service user’s profile – the “User is a target for recording” and “Recording server address”. | | |

\* \* \* \* Third change \* \* \* \*

### 10.18.2 Target group and user configuration

#### 10.18.2.1 Store target group configuration at the GMS

The procedure for store target group configurations at the group management server is described in figure 10.18.2.1-1.

A recording admin shall use this procedure to set/modify/remove target group(s) for recording.

Pre-conditions:

- The recording admin service user has performed user authentication and service authorization with the IdMS and downloaded its own service profile from CMS.

- The UE has secure access to the group management server.



Figure 10.18.2.1-1: Store target group configuration at group management server

1. The group management client – triggered by a recording admin user - sends a store target group configuration request to the group management server.

2. The group management server checks the authorization of the originator (MCRec ID) for this operation.

3. The group management server stores the updated group configuration data.

4. The group management server provides a store group configuration response indicating success or failure.

#### 10.18.2.2 Update target MC service user profile data to the CMS

The procedure for update target MC service user profile data to CMS is illustrated in figure 10.18.2.2-1.

A recording admin shall use this procedure to set/modify/remove target MC service user (s) for recording.

Pre-conditions:

- The recording admin service user has performed user authentication and service authorization with the IdMS and downloaded its own service profile from CMS.

- The UE has secure access to the configuration management server.



Figure 10.18.2.2-1: Update target MC service user profile data to the CMS

1. The configuration management client – triggered by a recording admin user - sends the update target MC service user profile data request to the configuration management server.

2. The configuration management server checks that the target MC service user is under the requestor’s (MCRec ID) authority.

3. The configuration management server stores the received target MC service user profile data. If this target MC service ID is associated with multiple MC service user profiles, the same update must be done by CMS to all these profiles.

4. The configuration management server sends update MC service user profile data response to the configuration management client.

\* \* \* \* End of changes \* \* \* \*