**3GPP TSG-SA WG6 Meeting #42-e S6-210476**

**e-meeting, 1st – 9th March 2021 (revision of S6-21xxxx)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.280** | **CR** | **0284** | **rev** | **-** | **Current version:** | **17.5.0** |  |
|  | | | | | | | | |
| *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:*** | Functional alias takeover request related correction | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Samsung | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | enh3MCPTT | | | | |  | ***Date:*** | | | 2021-02-24 |
|  |  | | | |  | |  | | |  |
| ***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 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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Functional alias take over request can carry multiple functional alias. Currently the request is carrying one functional alias but the response has take over status per functional alias implying as multiple. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1.Changed the functional alias take over request to carry functional alias list and the response is aligned accordingly.  2.In the Table 10.13.2.9-1: Functional alias take over response , replaced activation with “Take over”.  3. New NOTE is added in section 10.13.6 to clarify that the takeover request can carry a list of multiple functional aliases. | | | | | | | | |
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| ***Consequences if not approved:*** | | Error in the specification | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.13.2.8, 10.13.2.9, 10.13.6 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \* \* \* \*

#### 10.13.2.8 Functional alias take over request

Table 10.13.2.8-1 describes the information flow functional alias take over request from the MC service client to the MC service server.

Table 10.13.2.8-1: Functional alias take over request

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MC service ID | M | The MC service ID of the originator who triggers the functional alias take over request. |
| Functional alias list | M | A list of one or more functional alias which the originator intends to take over. |

#### 10.13.2.9 Functional alias take over response

Table 10.13.2.9-1 describes the information flow functional alias take over response from the MC service server to the MC service client. This information flow is sent individually addressed on unicast or multicast.

Table 10.13.2.9-1: Functional alias take over response

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MC service ID | M | The MC service ID of the originator who triggers the functional alias take over request. |
| Functional alias list | M | A list of one or more functional alias which the originator intends to take over. |
| Take over status per functional alias | M | Indicates the take over request result (accepted, rejected). |

\* \* \* \* \* \* \* SECOND CHANGE \* \* \* \* \* \* \*

### 10.13.6 Authorised MC service user takes over functional alias(es) within an MC system

The procedure for MC service user takes over functional alias(es) within an MC system is illustrated in figure 10.13.6-1.

During functional alias(es) activation, if the functional alias(es) is (are) already used by another MC service user(s), an authorized MC service user may get an offer to take over the functional alias(es) from the MC service user currently using the functional alias(es).

Pre-conditions:

1. MC service client 1 has performed the functional alias(es) activation procedure as described in subclause 10.13.4.

2. As result of the functional alias(es) activation procedure, the MC service user of MC service client 1 is aware which functional alias(es) are already used but can be taken over.

3. The MC service user of MC service client 1 decides to take over a functional alias.



Figure 10.13.6-1: Functional alias taking over procedure within an MC system

1. MC service client 1 of the MC service user 1 requests the MC service server to take over a functional alias by sending a functional alias take over request.

NOTE 1: If the MC service server is not the one that performs the functional alias controlling role, the MC service server will forward the request to the MC service server that performs the functional alias controlling role.

NOTE 2: For the sake of brevity takeover of single functional alias is shown in this procedure. If MC service user 1 decides to take over multiple functional aliases, then the Functional alias take over request in step 1 carries a list of those functional aliases.

2. The MC service server checks if there are any conflicts taking over the functional alias.

3. If the user of the MC service client 1 is authorised to take over the requested functional alias then the MC service server sends a functional alias revoke notification to inform MC service client 2 that the functional alias has been revoked and is not any longer active for the user of MC service client 2.

4. The MC service server stores the functional alias status of the requested functional alias.

NOTE 3: The functional alias status is notified to other servers (e.g. MC service servers) within the MC system that have subscribed to functional alias status.

5. MC service server sends a functional alias take over response to the MC service client.

6. The MC service server informs all other MC service user(s) sharing the same functional alias.

\* \* \* \* \* \* \* END CHANGES \* \* \* \* \* \* \*