**3GPP TSG-SA WG6 Meeting #53 S6-23xxxx**

**Athens Greece, 27th February – 3rd March 2023 Revision of S6-230314**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **23.280** | **CR** | **0358** | **rev** | **1** | **Current version:** | **18.4.0** |  |
|  | | | | | | | | |
| *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:*** | Add Criteria to the Preconfigured Group Regroup Request | | | | | | | | | |
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| ***Source to WG:*** | FirstNet, Motorola Solutions, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | SA6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Enh4MCPTT | | | | |  | ***Date:*** | | | 2023-01-09 |
|  |  | | | |  | |  | | |  |
| ***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 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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | There are instances when having the ability to include criteria in the group regroup request are needed, particularly in emergency situations when there is a need to location personel in a specific geographical area These requirements being addressed are in TS22.28:   * *[R-6.6.4.2-001] The MCX Service shall provide a means for combining a multiplicity of MCX Users into a new, temporary group (i.e., to perform a "User Regroup operation")* * *[R-6.6.4.2-002] The MCX Service shall provide a means for combining a multiplicity of MCX Users into a new, temporary group based on a parameter or a combination of parameters (e.g., particular geographic area, Participant type, initiation of urgent type communication such as MCX Emergency Alert or MCX Emergency Group Communication).* * *[R-6.6.4.2-002a] The MCX Service shall provide a means for automatically combining a multiplicity of MCX Users into a temporary MCX Service Group based on certain criteria.* | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add two additional IE’s, service group criteria and service user criteria, to the Preconfigured regroup request for the MC service client-MC service server and the MC service server-MC service server messages.  There is not a need to add this IE to the MC service server to the MC service client. | | | | | | | | |
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| ***Consequences if not approved:*** | | MCservers for preconfigured user/group regroup would not support having selection criteria in determining regroup participants. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.15.2.1 10.15.2.2, and 10.15.2.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | Revision of S6-230080  Added new IE’s for Preconfigured regroup request messages in section 10.15.2.1, 10.15.2.2, and 10.15.2.3 to provide the capability to add criteria for regroup requests for group regroup and user regroup. | | | | | | | | |

\* \* \* First Change \* \* \* \*

#### 10.15.2.1 Preconfigured regroup request (MC service client – MC service server)

Table 10.15.2.1-1 describes the information flow preconfigured regroup request from the MC service client to the MC service server.

Table 10.15.2.1-1 Preconfigured regroup request information elements

|  |  |  |
| --- | --- | --- |
| Information Element | Status | Description |
| MC service ID | M | The MC service ID of the requester |
| MC service group ID | M | MC service group ID of the regroup group |
| MC service group ID | M | MC service group ID of the MC service group from which configuration is to be taken |
| MC service group ID list | O  (see NOTE) | List of MC service groups to be regrouped into the group regroup group |
| MC service group criteria | O  (see NOTE) | Carries the details of criteria which will be used by the MC service server for determining the groups. For example, it can be a location based criteria to determine the MC service group ID list, or it could be tags (e.g. “fire”, “medical”, “police”, etc.), or a combination of tags and location, which is left to implemenation. |
| MC service user ID list | O  (see NOTE) | List of MC service users to be regrouped into the user regroup group |
| MC service user criteria | O  (see NOTE) | Carries the details of criteria which will be used by the MC service server for determining the participants. For example, it can be a location based criteria to determine the MC service user ID list in a particular area, or it could be tags (e.g. “fire”, “medical”, “police”, etc.), or a combination of tags and location, which is left to implemenation. |
| NOTE: One and only one of these shall be present. | | |

\* \* \* Second Change \* \* \* \*

#### 10.15.2.2 Preconfigured regroup request (MC service server – MC service client)

Table 10.15.2.2-1 describes the information flow preconfigured regroup request from the MC service server to the MC service client.

Table 10.15.2.2-1 Preconfigured regroup request information elements

|  |  |  |  |
| --- | --- | --- | --- |
| Information Element | Status | Description | |
| MC service ID | M | The MC service ID of the target MC service group member | |
| MC service group ID | M | MC service group ID of the regroup group | |
| MC service group ID | M | MC service group ID of the MC service group from which configuration is to be taken | |
| MC service group ID list | O  (see NOTE) | List of MC service groups to be regrouped into the group regroup group | |
| MC service group criteria | O  (see NOTE) | Carries the details of criteria which will be used by the MC service server for determining the groups. For example, it can be a location based criteria to determine the MC service group ID list, or it could be tags (e.g. “fire”, “medical”, “police”, etc.), or a combination of tags and location, which is left to implemenation. | |
| MC service user ID list | O  (see NOTE) | List of MC service users to be regrouped into the user regroup group | |
| MC service user criteria | O  (see NOTE) | | Carries the details of criteria which will be used by the MC service server for determining the participants. For example, it can be a location based criteria to determine the MC service user ID list in a particular area, or it could be tags (e.g. “fire”, “medical”, “police”, etc.), or a combination of tags and location, which is left to implemenation. |
| NOTE: One and only one of these shall be present. | | | |

\* \* \* Third Change \* \* \* \*

#### 10.15.2.3 Preconfigured regroup request (MC service server – MC service server)

Table 10.15.2.3-1 describes the information flow preconfigured regroup request from the MC service server to the MC service server.

Table 10.15.2.3-1 Preconfigured regroup request information elements

|  |  |  |
| --- | --- | --- |
| Information Element | Status | Description |
| MC service ID | M | The MC service ID of the requester |
| MC service group ID | M | MC service group ID of the regroup group |
| MC service group ID | M | MC service group ID of the MC service group from which configuration is to be taken |
| MC service group ID list | O  (see NOTE) | List of MC service groups to be regrouped into the group regroup group |
| MC service group criteria | O  (see NOTE) | Carries the details of criteria which will be used by the MC service server for determining the groups. For example, it can be a location based criteria to determine the MC service group ID list, or it could be tags (e.g. “fire”, “medical”, “police”, etc.), or a combination of tags and location, which is left to implemenation. |
| MC service user ID list | O  (see NOTE) | List of MC service users to be regrouped into the user regroup group |
| MC service user criteria | O  (see NOTE) | Carries the details of criteria which will be used by the MC service server for determining the participants. For example, it can be a location based criteria to determine the MC service user ID list in a particular area, or it could be tags (e.g. “fire”, “medical”, “police”, etc.), or a combination of tags and location, which is left to implemenation. |
| NOTE: One and only one of these shall be present. | | |

\* \* \* End of Changes \* \* \* \*