**3GPP TSG-SA WG6 Meeting #52-bis-e S6-230080-r4**

**e-meeting, 11th – 20th January 2023 Revision of S6-230080**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** | 1 | **Current version:** |  |  |
|  | | | | | | | | |
| *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 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | FirstNet | | | | | | | | | |
| ***Source to TSG:*** | SA6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Enh4MCPTT | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***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. | | | | | | | | |
|  | |  | | | | | | | | |
| ***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 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:*** | | Initial CR | | | | | | | | |

\* \* \* 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. |
| 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. |
| NOTE: One and only one of these shall be present. | | |

Editor’s Note: The specification of criteria sent to the MC server for user regroup and group regroup needs better definition, including possible definition of tags associated with a group or a user.

\* \* \* 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. | |
| 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. |
| NOTE: One and only one of these shall be present. | | | |

Editor’s Note: The specification of criteria sent to the MC server for user regroup and group regroup needs better definition, including possible definition of tags associated with a group or a user.

\* \* \* 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 in a particular area, or it could be tags (e.g. “fire”, “medical”, “police”, etc.), or a combination of tags and location. |
| 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 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. |
| NOTE: One and only one of these shall be present. | | |

Editor’s Note: The specification of criteria sent to the MC server for user regroup and group regroup needs better definition, including possible definition of tags associated with a group or a user.

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