**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** |
|  |
|  | **23.280** | **CR** | **0358** | **rev** | **1** | **Current version:** | **18.4.0** |  |
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| *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 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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***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.*
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| ***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. |
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| ***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 S6-230080Added 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 \* \* \* \*