**3GPP TSG-SA WG6 Meeting #52-Bis-e S6-230308**

**e-meeting, 11th – 20th January 2023 (revision of S6-230240)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.379** | **CR** | **0334** | **rev** | **-** | **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 |  | Radio Access Network |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Authorization of MCPTT user at Location management server | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | BDBOS | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | enh4MCPTT | | | | |  | ***Date:*** | | | 2022-01-21 |
|  |  | | | |  | |  | | |  |
| ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | TS 23.280, clause 10.9 Location information has several procedures where Location management clients request location information (requesting, subscribing or triggering location information) from the Location management server:   1. 10.9.3.3 Client-triggered location reporting procedure 2. 10.9.3.5 Location information subscription procedure 3. 10.9.3.6.2 On-demand usage of location information procedure 4. 10.9.3.7 Location information cancel subscription procedure 5. 10.9.3.8.1 Client-triggered one-time location information report 6. 10.9.3.8.2 Client triggered periodic location information report 7. 10.9.3.9.2.2 On-demand report location history procedure 8. 10.9.3.9.3.3 On-demand status location history reporting procedure 9. 10.9.3.9.4.3 Cancel location history reporting procedure 10. 10.9.3.10.2 On-demand request of location information procedure 11. 10.9.3.10.3 Event-triggered location information notification procedure 12. 10.9.3.10.4 Location information subscription procedure 13. 10.9.3.10.5 Location information cancel subscription procedure 14. 10.9.3.10.6 Location reporting temporary configuration procedure 15. 10.9.3.11 Restrict location information dissemination procedure   Prior to executing the received request in the procedures mentioned above the Location management server runs an authorization check on the requesting client. Until now it is not clear how this check works in detail nor what is been taken to judge an fail or pass result for the check. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | This CR wants to implement the basic principle for an evidence-based approach of authorization checks on MCPTT client requesters demanding location information from the Location management server. It proposes to add parameters to the MCPTT user profile data which can provide prove that this MCPTT user is authorized to transmit the request. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | There won’t be any clarification which items are necessary or given to enable an authorization check on MCPTT user clients requesting location information. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | A.3 MCPTT user profile configuration data | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **N** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **N** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **N** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

# A.3 MCPTT user profile configuration data

The general aspects of MC service user profile configuration data are specified in 3GPP TS 23.280 [16]. The MCPTT user profile configuration data is stored in the MCPTT user database. The MCPTT server obtains the MCPTT user profile configuration data from the MCPTT user database (MCPTT-2).

Tables A.3-1 and A.3-2 contain the MCPTT user profile configuration required to support the use of on-network MCPTT service. Tables A.3-1 and A.3-3 contain the MCPTT user profile configuration required to support the use of off-network MCPTT service. Data in table A.3-1 and A.3-3 can be configured offline using the CSC-11 reference point.

Table A.3-1: MCPTT user profile data (on and off network)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference | Parameter description | MCPTT UE | MCPTT Server | Configuration management server | MCPTT user database |
| Subclause 8.1.2 of 3GPP TS 23.280 [16] | MCPTT user identity (MCPTT ID) | Y | Y | Y | Y |
| 3GPP TS 33.180 [19] | KMSUri for security domain of MCPTT ID (see NOTE 4) | Y | Y | Y | Y |
| Subclause 5.2.4 of 3GPP TS 23.280 [16] | Pre‑selected MCPTT user profile indication (see NOTE 3) | Y | Y | Y | Y |
| Subclause 5.2.4 of 3GPP TS 23.280 [16] | MCPTT user profile index | Y | Y | Y | Y |
| Subclause 5.2.4 of 3GPP TS 23.280 [16] | MCPTT user profile name | Y | Y | Y | Y |
| [R-5.19-007],  [R-6.13.4-002] of 3GPP TS 22.280 [17] | User profile status (enabled/disabled) |  | Y | Y | Y |
| [R-5.8-001],  [R-6.9-003] of 3GPP TS 22.280 [17] | Authorised to create and delete aliases of an MCPTT User and its associated user profiles. |  |  | Y | Y |
| [R-5.8-002],  [R-6.9-003] of 3GPP TS 22.280 [17] | Alphanumeric aliases of user | Y | Y | Y | Y |
| [R-5.10-001] of 3GPP TS 22.280 [17] | Participant type of the user | Y | Y | Y | Y |
| [R-5.3-002],  [R-5.10-001] of 3GPP TS 22.280 [17] | User's Mission Critical Organization (i.e. which organization a user belongs to) | Y | Y | Y | Y |
| [R-5.4.2-003] of 3GPP TS 22.280 [17] | Maximum number of simultaneously received group calls (Nc5) |  | Y | Y | Y |
| [R-5.6.5-004] of 3GPP TS 22.179 [2] | Authorised to make a private call | Y | Y | Y | Y |
| [R-5.6.5-001] of 3GPP TS 22.179 [2] | Authorised to make a private call with manual commencement | Y | Y | Y | Y |
| [R-5.6.5-003] of 3GPP TS 22.179 [2]  [R-6.7.3-007] of 3GPP TS 22.280 [17] | List of user(s) who can be called in private call |  |  |  |  |
|  | > MCPTT ID | Y | Y | Y | Y |
|  | > User info ID | Y | N | Y | Y |
|  | > ProSe discovery group ID | Y | N | Y | Y |
| 3GPP TS 33.180 [19] | > KMSUri for security domain of MCPTT ID (see NOTE 4) | Y | Y | Y | Y |
| [R-6.7.4-004] of 3GPP TS 22.280 [17] | > Presentation priority relative to other users and groups (see NOTE 2) | Y | Y | Y | Y |
| [R-5.6.5-003] of 3GPP TS 22.179 [2] | Authorised to make a private call to users not included in "list of user(s) who can be called in private call" | Y | Y | Y | Y |
| [R-5.6.5-002] of 3GPP TS 22.179 [2] | Authorised to make a private call with automatic commencement | Y | Y | Y | Y |
| [R-5.6.3-011],  [R-6.7.4-010] of 3GPP TS 22.179 [2] | Authorisation of user to force automatic answer for a private call | Y | Y | Y | Y |
| [R-5.6.5-006],  [R-6.7.5-002] of 3GPP TS 22.179 [2] | Authorised to restrict the provision of a notification of call failure reason for private call | Y | Y | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Authorisation to protect confidentiality and integrity of media in a private call (see NOTE 1) | Y | Y | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Authorisation to protect confidentiality and integrity of floor control signalling in a private call (see NOTE 1) | Y | Y | Y | Y |
| [R-5.6.2.2.1-001] of 3GPP TS 22.280 [17] | Authorisation to make an MCPTT emergency group call functionality enabled for user | Y | Y | Y | Y |
| [R-5.6.2.4.1-001] of 3GPP TS 22.280 [17] | Group used on initiation of an MCPTT emergency group call (see NOTE 7) | Y | Y | Y | Y |
| [R-5.6.2.4.1-001] of 3GPP TS 22.280 [17] | Recipient for an emergency private MCPTT call (see NOTE 7) |  |  |  |  |
|  | > MCPTT ID | Y | Y | Y | Y |
| 3GPP TS 33.180 [19] | > KMSUri for security domain of MCPTT ID (see NOTE 4) | Y | Y | Y | Y |
| [R-5.6.2.2.2-005] of 3GPP TS 22.280 [17] | Authorisation to cancel an in progress emergency associated with a group | Y | Y | Y | Y |
| [R-5.6.2.2.3-001] of 3GPP TS 22.280 [17] | Authorised to make an Imminent Peril group call | Y | Y | Y | Y |
| [R-5.6.2.2.3-009] of 3GPP TS 22.280 [17] | Group used on initiation of an MCPTT imminent peril group call (see NOTE 8) | Y | Y | Y | Y |
| [R-5.6.2.2.2-002] of 3GPP TS 22.280 [17] | Authorised for imminent in- peril cancelation | Y | Y | Y | Y |
| [R-5.6.2.3.1-001] of 3GPP TS 22.179 [2] | Authorised to make an emergency private call | Y | Y | Y | Y |
| [R-5.6.2.3.2-001] of 3GPP TS 22.179 [2] | Authorised to cancel emergency priority in a private emergency call by an authorized user | Y | Y | Y | Y |
| [R-5.6.2.4.1-002] of 3GPP TS 22.280 [17] | Authorised to activate emergency alert | Y | Y | Y | Y |
| [R-5.6.2.4.1-013] of 3GPP TS 22.280 [17] | Automatically trigger a MCPTT emergency communication after initiating the MCPTT emergency alert | Y | Y | Y | Y |
| [R-5.6.2.4.2-002] of 3GPP TS 22.280 [17] | Authorisation to cancel an MCPTT emergency alert | Y | Y | Y | Y |
| [R-5.1.7-002] and  [R-6.8.7.2-007] and [R-6.8.7.2-008] of 3GPP TS 22.280 [17] | Priority of the user (see NOTE 9) |  | Y | Y | Y |
| [R-5.2.2-003] of 3GPP TS 22.280 [17] | Authorisation to create a group-broadcast group |  |  | Y | Y |
| [R-5.2.2-003] of 3GPP TS 22.280 [17] | Authorisation to create a user-broadcast group |  |  | Y | Y |
| [R-5.3-003],  [R-6.12-001],  [R-7.2-005] of 3GPP TS 22.280 [17] | Authorisation to provide location information to other MCPTT users on a call when talking |  | Y | Y | Y |
| 3GPP TS 23.283 [20] | Authorised to use LMR E2EE for interworking | Y | Y | Y | Y |
| 3GPP TS 23.283 [20] | > List of supported LMR technology types |  |  |  |  |
| 3GPP TS 23.283 [20] | >> LMR technology type (P25, TETRA etc.) | Y | N | Y | Y |
| 3GPP TS 23.283 [20] | >> URI of LMR key management functional entity (see NOTE 6) | Y | N | Y | Y |
| 3GPP TS 23.283 [20] | >> LMR specific identity (RSI for P25 or ITSI for TETRA) (see NOTE 5) | Y | N | Y | Y |
| 3GPP TS 23.283 [20] | >>LMR specific security information (see NOTE 5) | Y | N | Y | Y |
| [R-6.12-003] of 3GPP TS 22.280 [17] | Authorised to restrict the dissemination of the location information | Y | Y | Y | Y |
| [R-6.12-006] of 3GPP TS 22.280 [17] | Authorised to request Location information | Y | Y | Y | Y |
| [R-6.12-006] of 3GPP TS 22.280 [17] | Authorised to request Location information subscription | Y | Y | Y | Y |
| [R-6.12-006] of 3GPP TS 22.280 [17] | Authorised to request Location information history | Y | Y | Y | Y |
| Subclauses 10.9.3.10.2 to 10.9.3.10.6 of 3GPP TS 23.280 [16] | Authorised to request Location information from an Partner MC System |  |  |  |  |
|  | > List of Partner MC Systems | Y | Y | Y | Y |
| Subclauses 10.9.3.10.2 to 10.9.3.10.6 of 3GPP TS 23.280 [16] | Authorised to request Location information subscription from an Partner MC System |  |  |  |  |
|  | > List of Partner MC Systems | Y | Y | Y | Y |
| NOTE 1: Security mechanisms are specified in 3GPP TS 33.180 [11].  NOTE 2: The use of this parameter by the MCPTT UE is outside the scope of the present document.  NOTE 3: As specified in 3GPP TS 23.280 [16], for each MCPTT user's set of MCPTT user profiles, only one MCPTT user profile shall be indicated as being the pre‑selected MCPTT user profile.  NOTE 4: If this parameter is absent, the KMSUri shall be that identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [16].  NOTE 5: This is an LMR specific parameter with no meaning within MC services.  NOTE 6: The LMR key management functional entity is part of the LMR system and is outside the scope of the present document.  NOTE 7: This parameter is used for the emergency communication and also used as a target of the emergency alert request. At most one of them is configured; i.e. emergency communication will go to either a group or a user. If both are not configured the MCPTT user's currently selected group will be used.  NOTE 8: This group, if configured, will be used for imminent peril communication. If not configured the MCPTT user's currently selected group will be used.  NOTE 9: The use of the parameter is left to implementation. | | | | | |

Table A.3-2: MCPTT user profile data (on network)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference | Parameter description | MCPTT UE | MCPTT Server | Configuration management server | MCPTT user database |
| [R-5.1.5-001],  [R-5.1.5-002],  [R-5.10-001],  [R-6.4.7-002],  [R-6.8.1-008] of 3GPP TS 22.280 [17] | List of on-network MCPTT groups for use by an MCPTT user |  |  |  |  |
|  | > MCPTT Group ID | Y | Y | Y | Y |
|  | > Application plane server identity information of group management server where group is defined |  |  |  |  |
|  | >> Server URI | Y | N | Y | Y |
|  | > Application plane server identity information of identity management server which provides authorization for group (see NOTE 1) |  |  |  |  |
|  | >> Server URI | Y | N | Y | Y |
| 3GPP TS 33.180 [19] | > KMSUri for security domain of group (see NOTE 3) | Y | Y | Y | Y |
|  | > Presentation priority of the group relative to other groups and users (see NOTE 2) | Y | Y | Y | Y |
| [R-6.2.3.7.2-006] of 3GPP TS 22.179 [2] | > Authorisation of an MCPTT user to change the maximum number of simultaneous talkers | Y | Y | Y | Y |
| Subclause 5.2.5 of 3GPP TS 23.280 [16] | List of groups user implicitly affiliates to after MCPTT service authorization for the user |  |  |  |  |
|  | > MCPTT Group IDs | Y | Y | Y | Y |
| [R-6.4.2-006] of 3GPP TS 22.280 [17] | Authorisation of an MCPTT user to request a list of which groups an MCPTT user has affiliated to |  | Y | Y | Y |
| [R-6.4.6.1-002],  [R-6.4.6.1-003] of 3GPP TS 22.280 [17] | Authorisation to change affiliated groups of other specified user(s) |  | Y | Y | Y |
| [R-6.4.6.2-001],  [R-6.4.6.2-002] of 3GPP TS 22.280 [17] | Authorisation to recommend to specified user(s) to affiliate to specific group(s) |  | Y | Y | Y |
| [R-6.6.1-004] of 3GPP TS 22.280 [17] | Authorisation to perform regrouping | Y | Y | Y | Y |
| [R-6.7.2-001] of 3GPP TS 22.280 [17] | Presence status is available/not available to other users | Y | Y | Y | Y |
| [R-6.7.1-002],  [R-6.7.2-002] of 3GPP TS 22.280 [17] | List of MCPTT users that an MCPTT user is authorised to obtain presence of |  |  |  |  |
|  | > MCPTT IDs | Y | Y | Y | Y |
| [R-6.7.2-003] of 3GPP TS 22.280 [17] | User is able/ unable to participate in private calls | Y | Y | Y | Y |
| [R-6.7.1-004], [R-6.7.2-003], [R-6.7.2-004] of 3GPP TS 22.280 [17] | Authorisation to query whether MCPTT User is available for private calls |  | Y | Y | Y |
| [R-6.7.1-010] of 3GPP TS 22.179 [2] | Authorisation to override transmission in a private call | Y | Y | Y | Y |
| [R-6.7.1-013] of 3GPP TS 22.179 [2] | Authorisation to restrict provision of private call set-up failure cause to the caller |  | Y | Y | Y |
| [R-6.7.6-001] of 3GPP TS 22.179 [2] | Authorized to make a private call‑back request | Y | Y | Y | Y |
| [R-6.7.6-004] of 3GPP TS 22.179 [2] | Authorized to cancel a private call‑back request | Y | Y | Y | Y |
| [R-6.8.7.4.2-001], [R-6.8.7.4.2-002] of 3GPP TS 22.280 [17] | Authorisation of an MCPTT user to cancel an emergency alert on any MCPTT UE of any MCPTT user |  | Y | Y | Y |
| [R-6.13.4-001] of 3GPP TS 22.280 [17] | Authorisation for a MCPTT user to enable/disable an MCPTT user |  | Y | Y | Y |
| [R-6.13.4-003], [R-6.13.4-005], [R-6.13.4-006], [R-6.13.4-007] of 3GPP TS 22.280 [17] | Authorisation for an MCPTT user to (permanently /temporarily) enable/disable a UE |  | Y | Y | Y |
| [R-6.2.3.4-001] of 3GPP TS 22.179 [2] | Authorisation to revoke permission to transmit |  | Y | Y | Y |
| [R-7.14-002],  [R-7.14-003] of 3GPP TS 22.280 [17] | Authorization for manual switch to off-network while in on-network | Y | Y | Y | Y |
| [R-5.1.5-004] of 3GPP TS 22.280 [17] | Limitation of number of affiliations per user (N2) | N | Y | Y | Y |
| [R-5.5.2-009] of 3GPP TS 22.179 [2] | Maximum number of simultaneous transmissions received in one group call for override (N7) |  | Y | Y | Y |
| [R-6.4.6.1-001],  [R-6.4.6.1-004] of 3GPP TS 22.280 [17] | List of MCPTT users whose selected groups are authorized to be remotely changed |  |  |  |  |
|  | > MCPTT IDs | Y | Y | Y | Y |
| Subclause 10.15.3 | Authorization to make a first‑to‑answer call | Y | Y | Y | Y |
| [R-6.15.2.2.2-001] of 3GPP TS 22.280 [17] | Authorization to make a remotely initiated ambient listening private call | Y | Y | Y | Y |
| [R-6.15.2.2.3-001] of 3GPP TS 22.280 [17] | Authorization to make a locally initiated ambient listening private call | Y | Y | Y | Y |
| [R-6.15.3.2-001] of 3GPP TS 22.280 [17] | Authorization to make a remotely initiated private call | Y | Y | Y | Y |
| [R-6.15.3.2-003] of 3GPP TS 22.280 [17] | Authorization to make a remotely initiated group call | Y | Y | Y | Y |
| [R-5.9a-013] of 3GPP TS 22.280 [17] | Authorised to request association between active functional alias(es) and MCPTT ID(s) |  | Y | Y | Y |
| [R-5.9a-012] of 3GPP TS 22.280 [17] | Authorised to take over a functional alias from another MCPTT user |  | Y | Y | Y |
|  | List of functional alias(es) of the MCPTT user |  |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | > Functional alias | Y | Y | Y | Y |
| [R-5.4.2-007a] of 3GPP TS 22.280 [17] | >> Maximum number of parallel emergency group calls | Y |  | Y | Y |
| [R-5.9a-018] of 3GPP TS 22.280 [17] | >> Criteria for automatic activation by the MCPTT server (see NOTE 6) | N | Y | Y | Y |
| [R-5.9a-017],  [R-5.9a-018] of  3GPP TS 22.280 [17] | >> Criteria for automatic de-activation by the MCPTT server (see NOTE 6) | N | Y | Y | Y |
| [R-5.9a-019] of 3GPP TS 22.280 [17] | >> Location criteria for activation | Y |  | Y | Y |
| [R-5.9a-019] of 3GPP TS 22.280 [17] | >> Location criteria for de-activation | Y |  | Y | Y |
|  | >> Manual de-activation is not allowed if the location criteria are met | Y |  | Y | Y |
| [R-5.9a-020] of 3GPP TS 22.280 [17] | List of functional aliases to which first-to-answer calls and private calls are allowed when using a certain functional alias |  |  |  |  |
|  | > Used functional alias | Y | Y | Y | Y |
|  | >> List of functional aliases which can be called |  |  |  |  |
|  | >>> Functional alias | Y | Y | Y | Y |
| [R-5.9a-021] of 3GPP TS 22.280 [17] | List of functional aliases from which first-to-answer calls and private calls can be received when using a certain functional alias |  |  |  |  |
|  | > Used functional alias | N | Y | Y | Y |
|  | >> List of functional aliases from which calls can be received |  |  |  |  |
|  | >>> Functional alias | N | Y | Y | Y |
| [R-6.7.3-007a] of 3GPP TS 22.280 [17] | List of user(s) from which private calls can be received |  |  |  |  |
|  | > MCPTT ID | Y | Y | Y | Y |
| 3GPP TS 33.180 [19] | > KMSUri for security domain of MCPTT ID | Y | Y | Y | Y |
| [R-6.7.4-004] of 3GPP TS 22.280 [17] | > Presentation priority relative to other users and groups | Y | Y | Y | Y |
|  | Authorised to receive private calls from any other MCPTT ID (see NOTE 8) | Y | Y | Y | Y |
| Subclause 5.2.9 of 3GPP TS 23.280 [16] | List of partner MCPTT systems in which this profile is valid for use during migration |  |  |  |  |
| Subclause 5.2.9 of 3GPP TS 23.280 [16] | > Identity of partner MCPTT system | Y | Y | Y | Y |
| Subclause 10.1.1 of 3GPP TS 23.280 [16] | > Access information for partner MCPTT system (see NOTE 4) | Y |  | Y | Y |
| Subclause 10.6.2.9 | Authorized to initiate or cancel group regrouping using a preconfigured regroup group | Y | Y | Y | Y |
| [R-6.6.4.2-002a] and [R-6.6.4.2-002b] of 3GPP TS 22.280 [17] | List of groups the client affiliates/de-affiliates when one or multiple criteria are met |  |  |  |  |
|  | > MCPTT Group ID | Y | Y | Y | Y |
|  | >> Criteria for affiliation (see NOTE 5) | Y | Y | Y | Y |
|  | >> Criteria for de-affiliation (see NOTE 5) | Y | Y | Y | Y |
|  | >> Manual de-affiliation is not allowed if the criteria for affiliation are met | Y | Y | Y | Y |
| [R-6.6.4.2-002] of 3GPP TS 22.280 [17] | List of groups the client affiliates after receiving an emergency alert |  |  |  |  |
|  | > MCPTT Group ID | Y | Y | Y | Y |
|  | >> Manual de-affiliation is not allowed if the criteria for affiliation are met | Y | Y | Y | Y |
| [R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Allow private call forwarding |  | Y | Y | Y |
| [R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Call Forwarding NoAnswer Timeout |  | Y | Y | Y |
| [R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Call forwarding turned on |  | Y | Y | Y |
| R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Target of the MCPTT private call forwarding |  |  |  |  |
| R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | > Target MCPTT ID (see NOTE 10) |  | Y | Y | Y |
| R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | > Target functional alias (see NOTE 10) |  | Y | Y | Y |
| R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Condition |  | Y | Y | Y |
| [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | Allow private call transfer (see NOTE 7) | Y | Y | Y | Y |
| [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | List of MCPTT users that the MCPTT user is authorised to use as targets for call transfer |  |  |  |  |
| [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | > MCPTT ID |  | Y | Y | Y |
| [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | List of functional aliases that the MCPTT user is authorised to use as targets for call transfer |  |  |  |  |
| [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | > Functional alias |  | Y | Y | Y |
| ] [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | Authorised to transfer private calls to any MCPTT user | Y | Y | Y | Y |
| [R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Authorised to forward private calls based on manual input to any MCPTT user (see NOTE 9) | Y | Y | Y | Y |
| [R-5.10-001b] of 3GPP TS 22.280 [17] | Maximum number of successful simultaneous MCPTT service authorizations for this user (see NOTE 11) | N | Y | Y | Y |
| [R-6.15.5.3-001] of 3GPP TS 22.280 [17] | Authorised to initiate ad hoc group call | Y | Y | Y | Y |
| R-6.15.5.3-003] of 3GPP TS 22.280 [17] | Authorised to participate in ad hoc group call | Y | Y | Y | Y |
|  | Authorised to initiate emergency ad hoc group call | Y | Y | Y | Y |
|  | Authorised to initiate imminent peril ad hoc group call | Y | Y | Y | Y |
| NOTE 1: If this parameter is not configured, authorization to use the group shall be obtained from the identity management server identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [16].  NOTE 2: The use of this parameter by the MCPTT UE is outside the scope of the present document.  NOTE 3: If this parameter is absent, the KMSUri shall be that identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [16].  NOTE 4: Access information for each partner MCPTT system comprises the list of information required for initial UE configuration to access an MCPTT system, as defined in table A.6-1 of 3GPP TS 23.280 [16]  NOTE 5: The criteria may consist of conditions such as the MCPTT user location or the active functional alias of the MCPTT user.  NOTE 6: The criteria may consist of conditions such MCPTT user location or time.  NOTE 7: Defines the right to perform a call transfer. For call transfer the MCPTT server does not check if the initial originating MCPTT user has the right to make a private MCPTT call to the final destination MCPTT user.  NOTE 8: This parameter only applies to MCPTT users which are in the same security domain.  NOTE 9: Defines the right to perform a call forwarding based on manual user input. For call forwarding based on manual user input the MCPTT server does not check if the initial originating MCPTT user has the right to make a private MCPTT call to the final destination MCPTT user.  NOTE 10: Either the Target MCPTT ID or the Target functional alias may be present (but not both).  NOTE 11: If configured, this value has precedence over the system level parameter "maximum number of successful simultaneous service authorisations" in table A.5-2. If not configured, the corresponding parameter from table A.5-2 shall be used. | | | | | |

Table A.3-3: MCPTT user profile data (off network)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference | Parameter description | MCPTT UE | MCPTT Server | Configuration management server | MCPTT user database |
| [R-7.2-003],  [R-7.6-004] of 3GPP TS 22.280 [17] | List of off-network MCPTT groups for use by an MCPTT user | Y | N | Y | Y |
|  | > MCPTT Group ID | Y | N | Y | Y |
|  | > Application plane server identity information of group management server where group is defined |  |  |  |  |
|  | >> Server URI | Y | N | Y | Y |
|  | > Application plane server identity information of identity management server which provides authorization for group (see NOTE 1) |  |  |  |  |
|  | >> Server URI | Y | N | Y | Y |
| 3GPP TS 33.180 [19] | > KMSUri for security domain of group (see NOTE 3) | Y | N | Y | Y |
|  | > Presentation priority of the group relative to other groups and users (see NOTE 2) | Y | N | Y | Y |
| [R-7.3.3-008] of 3GPP TS 22.179 [2] | Allowed listening of both overriding and overridden | Y | N | Y | Y |
| [R-7.3.3-006] of 3GPP TS 22.179 [2] | Allowed transmission for override (overriding and/or overridden) | Y | N | Y | Y |
| [R-7.8.1-001] of 3GPP TS 22.280 [17] | Authorization for participant to change an off-network group call in-progress to off-network emergency group call | Y | N | Y | Y |
| [R-7.8.3.1-003] of 3GPP TS 22.280 [17] | Authorization for participant to change an off-network group call in-progress to off-network imminent peril group call | Y | N | Y | Y |
| [R-7.12-002],  [R-7.12-003] of 3GPP TS 22.280 [17] | Authorization for off-network services | Y | N | Y | Y |
| Subclauses 10.6.3, 10.7.3 | User info id (as specified in 3GPP TS 23.303 [7]) | Y | N | Y | Y |
| NOTE 1: If this parameter is not configured, authorization to use the group shall be obtained from the identity management server identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [16].  NOTE 2: The use of this parameter by the MCPTT UE is outside the scope of the present document.  NOTE 3: If this parameter is absent, the KMSUri shall be that identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [16] | | | | | |

\* \* \* End of Change \* \* \* \*