**3GPP TSG-SA WG6 Meeting #38-e S6-201057**

**e-meeting, 20th – 31th July 2020 (revision of S6-xxxxxx)**

|  |
| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **23.379** | **CR** | **0265** | **rev** |  | **Current version:** | **17.3.2** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Limit the number of simultaneous logins on per user basis |
|  |  |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell |
| ***Source to TSG:*** | S6 |
|  |  |
| ***Work item code:*** | eMONASTERY2 |  | ***Date:*** | 2020-07-14 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | This CR fulfills R-5.10-001b of TS 22.280 by which an additional login limit on a per MCX User basis is introduced. |
|  |  |
| ***Summary of change:*** | Extends the MCPTT user profile configuration data (on-network) by an additional login limit on a per user basis. |
|  |  |
| ***Consequences if not approved:*** | Stage 1 requirement is not fulfilled. |
|  |  |
| ***Clauses affected:*** | A.3, A.5 |
|  |  |
|  | **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 \* \* \* \*

# 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 |
| 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 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 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 MCPTT ID |  | 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 redirection (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 redirection |  |  |  |  |
| [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | > MCPTT IDs | Y | Y | Y | Y |
| ] [R-5.6.3-014], [R-6.7.4-015] of 3GPP TS 22.179 [2] | Authorised to redirect 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 | N | 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 redirection. For call redirection 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. |

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 |
| Subclause 10.7.2 | 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] |

\* \* \* Next Change \* \* \* \*

A.5 MCPTT service configuration data

The general aspects of MC service configuration are specified in 3GPP TS 23.280 [16]. The MCPTT service configuration data is stored in the MCPTT server.

Tables A.5-1 and A.5-2 describe the configuration data required to support the use of on-network MCPTT service. Tables A.5-1 and A.5-3 describe the configuration data required to support the use of off-network MCPTT service. Data in tables A.5-1and A.5-3 can be configured offline using the CSC-11 reference point.

**Table A.5-1: MCPTT service configuration data (on and off network)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Reference** | **Parameter description** | **MCPTT UE** | **MCPTT Server** | **Configuration management server** |
| [R-5.2.2-001] of 3GPP TS 22.280 [17] | Levels of group hierarchy for group-broadcast groups (Bc1) | Y | Y | Y |
| [R-5.2.3-001] of 3GPP TS 22.280 [17] | Levels of user hierarchy for user-broadcast groups (Bc2) | Y | Y | Y |
| [R-5.8-002] of 3GPP TS 22.280 [17] | Minimum length (Nc3) of an alphanumeric identifier (i.e. alias) assigned by an MCPTT administrator. | Y | N | Y |

**Table A.5-2: MCPTT service configuration data (on‑network)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Reference** | **Parameter description** | **MCPTT UE** | **MCPTT Server** | **Configuration management server** |
| [R-5.7.2.3.2-002] of 3GPP TS 22.179 [2] | Timeout value for the cancellation of an in‑progress emergency for an on‑network private call | N | Y | Y |
| [R-5.7.2.1.2-002] of 3GPP TS 22.280 [17] | Time limit for an in-progress emergency related to an on‑network MCPTT group | N | Y | Y |
| [R-5.6.5-004] of 3GPP TS 22.179 [2] | Max on‑network private call (with floor control) duration | N | Y | Y |
| [R-6.2.4-003] of 3GPP TS 22.179 [2] | Hang timer for private calls | N | Y | Y |
| [R-6.7.2-008] of 3GPP TS 22.280 [17] | Max duration of private call (without floor control) | N | Y | Y |
| [R-6.2.3.3.1-001] of 3GPP TS 22.179 [2] | Hierarchy of participant rights to override | N | Y | Y |
| [R-6.2.3.5-002] of 3GPP TS 22.179 [2] | Transmit time limit from a single request to transmit in a group or private call transmission | N | Y | Y |
| [R-6.2.3.5-003],[R-6.2.3.5-004] of 3GPP TS 22.179 [2] | Configuration of warning time before time limit of transmission is reached (on-network) | N | Y | Y |
| [R-6.2.4-005] of 3GPP TS 22.179 [2] | Configuration of warning time before call hang time (on-network) | N | Y | Y |
| [R-6.2.3.2-006] of 3GPP TS 22.179 [2] | Depth of floor control queue  | N | Y | Y |
| [R-6.2.3.2-012] of 3GPP TS 22.179 [2] | Max time for a user's floor control request to be queued | N | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Protect confidentiality of signalling (see NOTE 1) | Y | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Protect integrity of signalling (see NOTE 1) | Y | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Use signalling protection between MCPTT servers (see NOTE 1) | N | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Use floor control protection between MCPTT servers (see NOTE 1) | N | Y | Y |
|  | List of functional alias identities |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | > Functional alias | N | Y | Y |
| [R-5.9a-016] of 3GPP TS 22.280 [17] | > Communication priority (see NOTE 2) | N | Y | Y |
| [R-5.9a-005] of 3GPP TS 22.280 [17]  | > Limit number of simultaneous activations | N | Y | Y |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | > This functional alias can be taken over | N | Y | Y |
|  | > List of users |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | >> MCPTT ID | N | Y | Y |
| [R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Max number immediate forwardings | N | Y | Y |
| [R-5.10-001a] of 3GPP TS 22.280 [17] | Maximum number of successful simultaneous service authorizations of clients from a user (see NOTE 3) | N | Y | Y |
| NOTE 1: Security mechanisms are specified in 3GPP TS 33.180 [19].NOTE 2: The usage of this parameter by the MCPTT server is up to implementation.NOTE 3: If present, the maximum number of successful simultaneous service authorisations configured in the user profile data has precedence. |

**Table A.5-3: MCPTT service configuration data (off‑network)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Reference** | **Parameter description** | **MCPTT UE** | **MCPTT Server** | **Configuration management server** |
| [R-5.7.2.3.2-002] of 3GPP TS 22.179 [2] | Timeout value for the cancellation of an in‑progress emergency for an off‑network private call | Y | N | Y |
| [R-5.7.2.1.2-002] of 3GPP TS 22.280 [17] | Time limit for an in-progress emergency related to an off‑network MCPTT group | Y | N | Y |
| [R-5.6.5-004] of 3GPP TS 22.179 [2] | Max off‑network private call (with floor control) duration | Y | N | Y |
| [R-7.4-002] of 3GPP TS 22.179 [2][R-7.4-003] of 3GPP TS 22.280 [17] | Hang timer for private calls in off-network | Y | N | Y |
| [R-7.3.3-001],[R-7.3.3-002],[R-7.3.3-003] of 3GPP TS 22.179 [2] | Priority hierarchy for floor control override in off-network | Y | N | Y |
| [R-7.3.5-001],[R-7.3.5-002],[R-7.3.5-003] of 3GPP TS 22.179 [2] | Transmit time limit from a single request to transmit in a group or private call. | Y | N | Y |
| [R-7.3.5-001],[R-7.3.5-004] of 3GPP TS 22.179 [2] | Configuration of warning time before time limit of transmission is reached (off-network) | Y | N | Y |
| [R-7.4-004] of 3GPP TS 22.280 [17] | Configuration of warning time before hang time is reached (off-network) | Y | N | Y |
| [R-7.7-001],[R-7.7-003] of 3GPP TS 22.280 [17][R-7.7-002] of 3GPP TS 22.179 [2] | Default ProSe Per-Packet priority (as specified in 3GPP TS 23.303 [7]) values  |  |  |  |
|  | > MCPTT private call signalling | Y | N | Y |
|  | > MCPTT private call media | Y | N | Y |
|  | > MCPTT Emergency private call signalling | Y | N | Y |
|  | > MCPTT Emergency private call media | Y | N | Y |
| [R-7.15-001],[R-7.7-003] of 3GPP TS 22.280 [17] | Configuration of metadata to log | Y | N | Y |

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